OUTCOME BUDGET FOR 2012-13

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ABBREVIATIONS

ADB	:	Asian Development Bank
AGCL	:	Assam Gas Company Limited
AIDA	:	All India Distillers' Association
APDRP	:	Accelerated Power Development Reform Programme
APM	:	AdministeredPrice Mechanism
AREP	:	Accelarated Rural Electrical Programme
ARN	:	Aeromatic Rich Naptha
ATF	:	Aviation Turbine Fuel
AVU	:	Atmospheric Vacuum Unit
BCM	:	Billion Cubic Meter
BE	:	Budget Estimate
BGL	:	Bhagynagar Gas Ltd.
BHN	:	Bombay High North
BIS	:	Bureau of Indian Standards
BKPL	:	Barauni-Kanpur Product Pipeline
BLIL	:	Balmer Lawrie Investment Ltd.
BPCL	:	Bharat Petroleum Corporation Limited
BPL	:	Below Poverty Line
BRPL	:	Bongaigaon Refinery and Petrochemicals Limited
BS	:	Bharat Stage
BSES	:	Bombay Suburban Electricity Supply
CBM	:	Coal Bed Methane
CCR	:	Continuous Catalytic Reformer
CDU/VDU	:	Crude/Vaccum Distillation Unit

CFCL	:	Chambal fertilizers & Chemicalsw Ltd.
CFS	:	Container Freight Station
CHT	:	Centre for High Technology
CIDCO	:	City & Industrial Development Corporation of Maharastra Ltd.
CORF	:	Crude Oil Receipt Facilities
CNG	:	Compressed Natural Gas
COT	:	Crude Oil Terminal
CPCl	:	Chennai Petroleum Corporation Limited
CPP	:	Captive Power Plant
CRU	:	Catalytic Reforming Unit
DCS	:	Digital Control System
DFR	:	Detailed Feasibility Report
DGH	:	Directorate General of Hydrocarbons
DHDS	:	Diesel Hydro Desulphurisation Unit
DHDT	:	Diesel Hydro Treating
DME	:	Di-Methyl Ether
DMT	:	Di Methy 1 Terephlate
DOD	:	Department of Ocean Development
DUPL	:	Dahej Uran Pipeline Project
DVPL	:	Dehaj Vijaipur Pipeline Project
EBP	:	Ethanol-Blended Petrol
EIL	:	Engineers India Limited
E&P	:	Exploration & Production
EMP	:	Environment Management Plan
ERP	:	Enterprise Resource Planning
ETP	:	Effluent Treatment Plant

FCCU	:	Fludised Catalytic Cracking Unit
FDI	:	Foreign Direct Investment
GACL	:	Gujarat Alkali & Chemicals Ltd
GAIL	:	Gas Authority of India Limited
GCU	:	Gas Cracker Unit
GIPCL	:	Gujarat Industrial Power Company Limited
GLKM	:	Gas Oil Hydro Deisel
GNOP	:	Greater Nile Oil Project
GSECL	:	Gujarat State Electricity Corporation Limited
GSFC	:	Gujarat State Fertilizer Corporation
GSPL	:	Gujarat State Petronet Ltd
HCU	:	Hydro-cracker Unit
HDPE	:	High Density Poly Ethylene
HP	:	Himachal Pradesh
HPCL	:	Hindustan Petroleum Corporation Limited
HPL	:	Haldia Petrochemicals Ltd.
HSD	:	High Speed Diesel
IBP	:	Indo-Burma Petroleum
ICMA	:	Indian Chemicals Manufacturers Association
IEA	:	International Energy Agency
IEBR	:	Internal and Extra Budgetary Resources
IEFS	:	International Energy Forum Secretariat
IFFCO	:	India Farmers Fertiliser Cooperative Limited
IGIA-II	:	Indira Gandhi International Airport-II
IOCL	:	Indian Oil Corporation Limited
IOR	:	Improved Oil Recovery

IPCL	:	Indian Petrochemicals Ltd.
ISMA	:	Indian Sugar Mills Accociation
ISOM	:	Isomerisation
ISPRL	:	Indian Strategic Petroleum Reserves Limited
JLPL	:	Jamnagar Loni Pipeline
JNPT	:	Jawaharlal Nehru Port Trust
JV	:	Joint Venture
JWGs	:	Joint Working Groups
KBPL	:	Kandla Bhatinda Pipeline
KCJP - GVK	:	Kakinanda Cheruvu Junction Point - GVK
KL	:	Kilo Metre
KRL	:	Kochi Refinery Limited
KTA	:	Kilo Tonner Per Annum
KVSSPL	:	Koyali-Viramgaon-Siliguri-Sanganer Pipeline
LAN	:	Low Aromatic Naphtha
LDPE	:	Low Density Polyethylene
LKM	:	Line Oil Base Stocks
LNG	:	Liquefied Natural Gas
LPG	:	Liquefied Petroleum Gas
MDG	:	Marketing Discipline Guidelines
MGD	:	Million Gallons per day
MJPL	:	Mathura-Jallandar Product Pipeline
MMC	:	Ministry Monitoring Cell
MMSCMD	:	Million Standard Cubic Metre per Day
MMT	:	Million Metric Tonne
MMTOE	:	Million Metric Tonne of Equivalent

MMTPA	:	Million Metric Tonne per Annum
MNCs	:	Multi National Companies
MNES	:	Non-conventional Energy Sources
MOP&NG	:	Ministry of Petroleum & Natural Gas
MoU	:	Memorandum of Understanding
MP	:	Madhya Pradesh
MPCL	:	Mundra Panipat Crude Oil Pipeline
MR	:	Mumbai Refinery
MRPL	:	Mangalore Refinery and Petrochemicals Limited
MS	:	Motor Spirit
MSCM	:	Thousand Standard Cubic Metre
NCR	:	National Capital Region
NELP	:	New Exploration Licensing Policy
NGHP	:	National Gas Hydrate Programme
NGL	:	Natural Gas Liquids
NGRI	:	National Geophysical Research Institute
NHDT	:	Naphtha Hydro-treater
NIO	:	National Institute of Oceanography
NOCs	:	National Oil Companies
NRL	:	Numaligarh Refinery Limited
NTPC	:	National Thermal Power Corporation
ODJP	:	Oduro junction Point
OEMs	:	Original Equipment Manufacturers
OGL	:	Open General Licence
OIDB	:	Oil Industry Development Board
OIL	:	Oil India Limited

OISD	:	Oil Industry Safety Directorate
OMCs	:	Oil Marketing Companies
ONGC	:	Oil and Natural Gas Corporation Limited
OPEC	:	Organization of Petroleum Exporting Countries
OVL	:	ONGC Videsh Limited
PAT	:	Profit After Tax
PBT	:	Profit Before Tax
PCRA	:	Petroleum Conservation Research Association
PDS	:	Public Distribution System
PELs	:	Petroleum Exploration Licences
PLL	:	Petronet LNG Ltd
PMS	:	Parallel Marketing Scheme
PNG	:	Piped Natural Gas
PPAC	:	Petroleum Planning and Analysis Cell
PRAEP	:	Panipat Refinery Additional Expansion Project
PREP	:	Panipat Refinery Expansion Project
PSCs	:	Producation Sharing Contracts
PSUs	:	Public Sector Undertakings
PTA	:	Purified Thaleic Acid
Q&Q	:	Quantity and Quality
QPR	:	Quarterly Performance Review
R&D	:	Research and Development
RE	:	Revised Estimate
RIL	:	Reliance Industries Limited
ROs	:	Retail Outlets
ROU	:	Right of Use

RoW	:	Right of Way
RRA	:	Rapid Risk Analysis
RSP	:	Retail Selling Price
SBE	:	Statement of Budget Estimate
SBM	:	Single Buoy Mooring
SEZ	:	Special Economic Zone
SJWG	:	Special JWG
SKM	:	Square Kilometre
SKO	:	Kerosene
SPM	:	Single Point Mooring
SMPL	:	Salaya-Mathura Crude Pipeline
SMS	:	Site Mixed Slurry Explosives
SPA	:	Sale Purchase Agreement
SQKM	:	Square Kilometers
STUs	:	StateTransport Undertakings
TCWC	:	Techno-Commercial Working Committee
Teri	:	The Energy and Resources Institute
TEU's	:	Twenty Feet Equivalent Unit
TMT	:	Thousand Tonnes
TNEB	:	Tamil Nadu Electricity Board
TOP	:	Tap of Plant
TPA	:	Tonne Per Annum
VAT	:	Value Added Tax
VGO	:	Vacuum Gas Oil
VIEL	:	Vie Trans Pvt. Ltd
VLCC	:	Very Large Crude Carrier

VPT	:	Visakhapatnam Port Trust
VR	:	Visakh Refinery
VRS	:	Voluntary Retirement Scheme
VSAT	:	Very Small Aperture Terminal
VSPL	:	Vizag Secunderabad LPG pipeline
West UP	:	West Uttar Pradesh

CHAPTER – I

Mandate, Vision, Goals & Objectives and Policy Framework

Energy is a critical input for economic growth and its availability determines the quality of both, the national economy and the life of citizens. Sustainable economic progress hinges crucially around the supply of stable and competitively priced energy. After Coal, Hydrocarbons with a share of about 41% in the primary energy consumption basket constitute an important energy source for the country. The high rate of economic growth has created a huge consumption demand for oil and consequently imports continue to increase. During the XI Plan period (2007-12), the growth in consumption of petroleum products have a moderate upward trend. In India, the indigenous production of crude oil has not been increasing in tandem with the consumption and demand for petroleum products. The actual consumption of petroleum products during 2010-11 was 141.78 MMT and during 2011-12 (upto December 2011) was 109.53 MMT. For an emerging economy like India, this gap is likely to increase over the coming years.

Natural Gas is fast emerging as an alternative to liquid hydrocarbon being an environmentally clean fuel. Natural Gas presently meets around 10.6% of the primary energy demand. Considering the global trend of shift in energy mix from oil to natural gas, the share of natural gas in hydrocarbon consumption pattern in the Indian context is also likely to increase substantially in the days to come.

2. Mandate

The mandate of this Ministry in terms of allocation of work includes the following:

(i) Exploration and production of liquid and gaseous hydrocarbons.

(ii) Production, supply, distribution, marketing, conservation and pricing of petroleum products.

(iii) All attached or subordinate offices and other organizations in the jurisdiction of the Ministry.

(iv) Planning, development and regulation of oil field services.

(v) Administration of various Acts on the subjects allocated to the Ministry and the Rules made therein.

3. Vision Statement

The Hydrocarbon sector plays a vital role in the economic growth of the country. It is necessary to have a long term policy framework for the development of the hydrocarbon sector in order to meet the future needs of the country.

The Hydrocarbon Vision-2025, prepared by this Ministry lays down the framework, which guides the policies relating to the hydrocarbon sector. The Vision Statement as envisaged in the Hydrocarbon Vision 2025 includes the following:

a) To ensure energy security by achieving self-reliance not only through increased indigenous production but also through acquisition of equity oil and gas abroad.

b) To enhance the quality of life by progressively improving the product standards to ensure a cleaner and greener India.

c) To develop the domestic hydrocarbon sector as a globally competitive industry which could be benchmarked against the best in the world through upgradation and capacity building in all facets of the industry.

d) To strive towards a free market, promote healthy competition among players and improve customer service.

e) To ensure oil security for the country keeping in view the strategic and defence considerations.

4. Goals & Objectives and Policy Framework

To implement the Vision statement, an activity wise-set of objectives have been spelt out along with the policy framework to enable achievement of these objectives.

Exploration and Production

India is heavily import dependent for its oil and gas requirements. Our total imports of crude oil and petroleum products in the year 2011-12 upto December 2011 amounted to 136.852 million metric tonnes (MMT), which is worth about ₹ 5,05,124 crore. The country also exported petroleum products amounting to 46.22 MMT, earning foreign exchange worth nearly ₹ 1,99,932 crore in the corresponding period.

The gap between demand and availability of crude oil and natural gas from indigenous sources is likely to increase over the years. The growing gap in demand and supply in oil and the shortfall in supply of gas requires a greater emphasis on exploration and production.

Objectives of Exploration and Production activities

a) To undertake a complete appraisal of the Indian Sedimentary basin area for tapping the hydrocarbon potential.

b) To optimize production of crude oil and natural gas in the most efficient manner.

c) To keep pace with the technological advancements and remain at the technological forefront in the global exploration and production industry.

d) To achieve a near zero impact on environment.

Policy framework to achieve the Upstream objectives

a) The offering of the area is through New Exploration Licensing Policy (NELP). Recently Government of India has offered 34 exploration blocks in the ninth round of NELP comprising of 8 deepwater blocks, 7 shallow water blocks and 19 onland blocks, against which 74 bids were received by the Government for 33 exploration blocks. The award of these blocks is likely in 2012.

b) Coal Bed Methane (CBM) policy is implemented to harness methane gas from coal seams. Government has already awarded 17,200 sq. km. area for CBM, which is about 66% of total CBM area available in the country.

c) The Oilfields (Regulation and Development) Act, 1948 (53 of 1948) (hereinafter referred to as "the Act") and the Petroleum and Natural Gas Rules, 1959, made there under (hereinafter referred to as "the Rules") make provisions, inter alia, for the regulation of Petroleum Operations and grant of Licenses and Leases for exploration, development and production of Petroleum in India'.

d) The Territorial Waters, Continental Shelf, Exclusive Economic Zone and other Maritime Zones Act, 1976 (80 of 1976) provides for the grant of a license by the Government to explore and exploit the resources of the continental shelf and exclusive economic zone and any Petroleum Operation under this shall be carried out under a license granted by the Central Government.

e) 100% FDI is allowed in Exploration and Production Sector for blocks awarded under New Exploration Licensing Policy (NELP) and Coal Bed Methane (CBM) policy.

f) R&D efforts for gas hydrates are being made as per the road map. India has become the third country in the world to collect gas hydrate samples after USA and Japan. Resource estimation for gas hydrates is in progress.

5. Oil Security

With increasing import dependence in the field of hydrocarbons, particularly in respect of crude oil, along with higher prices and volatility in the international markets, the issue of oil security has assumed vital importance.

Objectives of Oil Security Policy

The objective of oil security policy is to ensure availability of oil and gas at all times including enhancing domestic hydrocarbon availability, supplementing shortfalls from stable, assured and cost effective hydrocarbon energy from abroad and mitigating short term supply disruptions.

Policy Framework to Achieve Oil Security Objectives

(a) Enhance domestic availability of hydrocarbons through NELP.

(b) Deregulation of E&P business, empowering National Oil Companies to compete with international oil companies through suitable incentives.

(c) Leverage India's 'Buying Power' to obtain quality E&P projects abroad. Focused approach in building strong and strategic relations with countries offering E&P projects and countries having potential to partner India in meeting its hydrocarbon needs.

(d) Build strategic storage to mitigate short term supply disruptions.

(e) Sustained R&D efforts to identify shale gas potential in the country and develop framework for exploration.

6. Refining and Marketing

The development of refining and marketing activities is crucial for achieving self sufficiency in petroleum products and in moving towards a competitive and consumer oriented market.

Objective of Refining and Marketing Activities

a) Maintain self-sufficiency in all petroleum products by appropriate enhancement in refining capacities by National Oil Companies & private players including international oil companies.

b) Develop export capability in petroleum products so that the refining industry becomes globally competitive and oil security is enhanced.

c) To develop corresponding infrastructure including ports, pipelines and depots, etc. for an efficient oil industry.

d) To make available quality fuels at affordable prices while continuing subsidies for sensitive petroleum products.

e) To improve consumer services through better retailing practices and competition.

Policy Framework for Achieving Refining and Marketing Objectives

a) Build operational capability in refineries in sourcing their own crude requirements, in making shipping and other logistic arrangements and in respect of risk management abilities including financial strategies such as hedging.

b) Set out a time table for achieving product quality norms by refineries and marketing companies to meet emission standards in line with best global practices.

c) Formulate a stable long term fiscal policy to facilitate investment in refining, pipeline and marketing infrastructure.

d) Grant full operational freedom to all PSUs in establishing and maintaining marketing network while allowing new players in the marketing sector through transparent and clear entry criteria.

e) Set up a mechanism to enable new entrants to establish own distribution networks for marketing.

f) Make Petroleum & Natural Gas Regulatory Board functional so that a common regulatory mechanism is available and to provide a level playing field.

g) To take up with States for a uniform State level rate of taxation on petroleum products including applicability of VAT for setting off of municipal taxes such as entry tax and octroi.

h) Provide a level playing field in terms of taxation for domestic products vis-à-vis imported products.

7. Tariff and Pricing

A rational tariff and pricing policy is vital to ensure healthy growth of the hydrocarbon sector and to protect the consumers as well.

Objectives of Tariff and Pricing Policy

a) To provide incentives for cleaner, greener and quality fuels so as to promote an environment friendly hydrocarbon sector.

b) To balance the need to boost Government revenue with the need to align taxes and duties with Asia-Pacific countries and the prices to international levels.

c) To promote new investments, by ensuring adequate protection to domestic producers.

Policy framework for achieving the Tariff and Pricing objectives

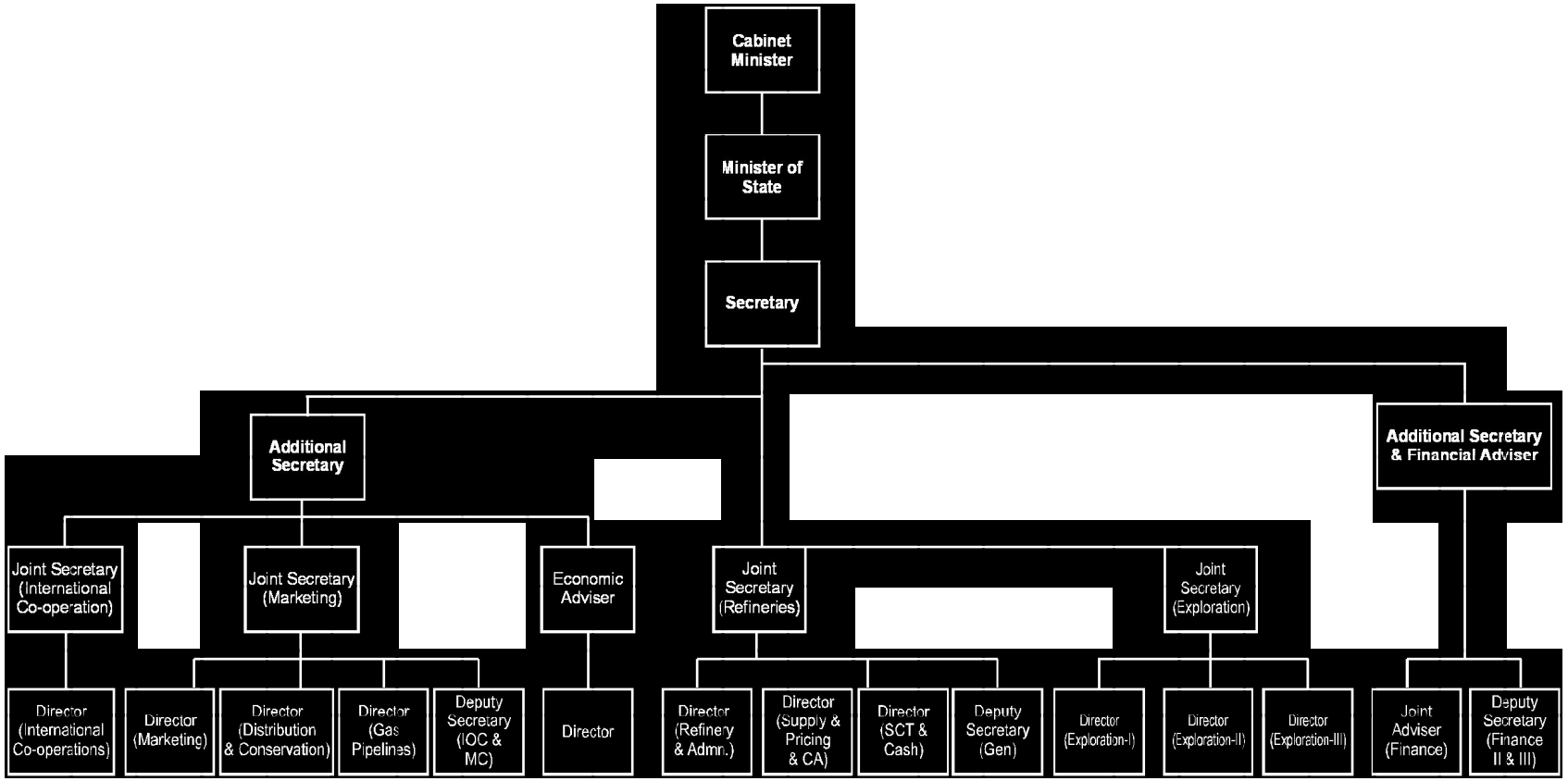
a) To ensure that subsidies are accurately targeted and directed to the deserving sections of the society particularly the BPL families.

b) Rationalize tariffs to enable elimination of adulteration in Hydrocarbon fuels.

8. Organizational Structure

The Ministry of Petroleum & Natural Gas is entrusted with the responsibility of exploration and production of Oil & Natural Gas (including import of liquefied natural gas), refining, distribution & marketing, import, export and conservation of petroleum products. The organizational chart of the Ministry is given as under:

ORGANISATIONAL CHART OF THE MINISTRY



CHAPTER-II

NON- PLAN & PLAN OUTLAYS AND OUTCOMES

This Chapter relates to the Non Plan and Plan Outlays, deliverable outputs and outcomes of the Ministry of Petroleum & Natural Gas.

1. The Non Plan Budget (2012-13) of ₹ 43716.85 crore of the Ministry comprises mainly of subsidy for domestic LPG and PDS Kerosene, freight subsidy on retail products for far-flung areas, subsidy for supply of natural gas to North East Region and the setting up of Petroleum Regulatory Board. This also includes provision of ₹ 40000 crore for compensation to Oil Companies for under recoveries on account of sale of sensitive petroleum products. The details of these Non Plan Schemes, in the prescribed format, are given in **Annexure II-A**.

2. The scheme of Subsidy on Domestic LPG and PDS Kerosene has been devised to make available PDS kerosene and domestic LPG to households at subsidized and affordable prices. During 2012-13 an amount of ₹ 3050 crore has been allocated under this scheme. Similarly, the objective of the scheme of Freight Subsidy on retail products for far flung areas is to provide PDS kerosene and domestic LPG at the same price in the remote and inaccessible areas as in rest of the country. Non Plan Outlay of ₹ 26 crore has been kept under this scheme during 2012-13.

3. The price of Administered Pricing Mechanism (APM) gas produced by ONGC & OIL has been increased from June, 2010 to the level of US$ 4.2/mmbtu less royalty which is equal to the price of gas produced under New Exploration & Licensing Policy (NELP) by NELP operators.

A subsidy at the rate of 40% of APM price is provided on sale of natural gas in North–East region. The Cabinet in its meeting held on 19.05.2010 approved the revision in price of APM gas to US $ 4.2 /mmbtu less royalty effective from June, 2010. The APM price for North–East was revised to US $ 2.52/ mmbtu, with the difference being provided as subsidy to NOCs through Government Budget. It was also decided to extend the scheme of subsidy to ONGC apart from OIL. During the year 2011-12, a provision of ₹ 564 crore under BE 2011-12 has been made and upto November 2011 an amount of ₹ 3,43,36,42,845 has been released to ONGC and OIL for supply of natural gas in North East region.

4. The Plan Budget of this Ministry comprises only the Internal and Extra Budgetary Resources (IEBR) of Oil PSUs. The Planning Commission approves the Annual Plan of Oil PSUs for implementation of various projects. The Annual Plan 2012-13, as approved by the Planning Commission, is ₹ 79684.88 crore. These projects are implemented by Oil PSUs from out of their Internal Resources and Loans. Government does not provide any Budgetary support to them. However, in 2012-13 a sum of ₹ 41 crore has been allocated as Plan Support for the Rajiv Gandhi Institute of Petroleum Technology (RGIPT), at Jais, Rae Bareilly and a provision of ₹ one crore has been provided for the Plan Scheme formulated for providing one time assistance of ₹ 1400/- per connection to BPL families towards security deposit for the cylinder and regulator proposing to cover as many as 70 lakh BPL families who have SKO ration card but are not using LPG at present. ₹ one crore has also been allocated to ISPRL under Plan Scheme towards filling the underground caverns with crude oil.

5. The company wise and project wise details, in the prescribed format, in respect of Oil PSUs are given in **Annexure II-B**. Brief Company wise details of Annual Plan 2012-13 are enumerated below:

(i) ONGC & its subsidiaries

ONGC's Annual Plan Outlay for 2012-13 stands at ₹ 33065.31 crore. The major part of ONGC's Annual Plan for 2012-13 is on account of exploration, survey and development drilling. Capital Expenditure budget has also been sought by ONGC during 2012-13 for capital projects, purchases, R&D, JV Domestic and Integration Projects, etc. The Annual Plan Outlay for 2012-13 in respect of OVL is ₹ 7909.90 crore. The BE 2012-13 proposal of OVL includes investment in properties in Vietnam, Russia, Sudan, Columbia, Mayanmar, Lybia, Syria, Cuba, Brazil, Egypt, Ivory Coast, etc. MRPL, a stand alone refinery, is a downstream subsidiary company of ONGC. During 2012-13 the Annual Plan outlay of MRPL is ₹ 6817 crore. Provision has been made in Annual Plan for Refinery Upgradation-cum-Expansion Phase-III, SPM facility at Mangalore Coast, Revamping of CDU/VDU.

(ii) OIL

The Annual Plan outlay of OIL is ₹ 3378.29 crore for 2012-13, which is mainly on account of proposed expenditure on survey & geological, exploratory drilling, development drilling, capital equipment and facilities, NELP projects, overseas ventures, etc.

(iii) GAIL

The Annual Plan outlay of GAIL is ₹ 9447.27 crore for 2012-13. Major project proposals of GAIL as proposed for BE 2012-13 include New Pipelines – Project Development Dabhol-Bengaluru P/ L & Kochi-Kanjirkkod-Mangalore P/L; Jagdishpur-Haldia P/L; Bawana-Nangal P/L and spurlines; PATA Expansion Project, and Equity investments in OPAL, GAIL Gas, BCPL and Investments in E&P.

(iv) IOC and its subsidiaries

The Annual Plan outlay of IOC for 2012-13 is Rs.10000 crore, which includes proposed expenditure in Paradip Refinery Project, Paradip-Sambalpur-Raipur-Ranchi Pipeline, Naptha Cracker Unit at Panipat refinery, Residue upgradation and MS/HSD Quality Improvement Project-Gujrat Refinery, MS Quality Improvement Project, Baruni Refinery, etc. CPCL and BRPL are two subsidiary companies of IOC. The Annual Plan of CPCL for 2012-13 stands at ₹ 785.68 crore. The Annual Plan for 2012-13 of CPCL includes revamping of CDUs/VDUs, auto fuel project to meet Euro-IV specifications Residue Upgradation project, etc.

(v) HPCL

The Annual Plan outlay of HPCL for 2012-13 is of ₹ 3467.43 crore. HPCL's capital expenditure programme during 2012-13 would include expenditure on the projects namely LOBS quality upgradation project at Mumbai Refinery, LPG Pipeline from Rewari to Kanpur, LPG Pipeline from Mangalore-Hassan-Mysore-Bangalore, investment in HPCL Bio-fuel and HPCL-Mittal Energy, etc.

(vi) BPCL

The total Annual Plan outlay for 2012-13 in respect of BPCL is ₹ 4479.00 crore. This includes

projects such as Exploration & Production, Hydrocracker revamp and setting up of new CCR at Mumbai Refinery, cross country product pipeline, setting up of new blending plants at Uran, etc. The capital expenditure of ₹ 272 crore of NRL during 2012-13 would include investment in refinery capacity expansion, wax project etc.

Gross Budgetary Support

Rajiv Gandhi Institute of Petroleum Technology

The Rajiv Gandhi Institute of Petroleum Technology (RGIPT) is being set up at Jais, U.P. with the objective of creating an Institute of Excellence in the Petroleum sector to cater to the educational and training requirement in India and globally. Total estimated cost of the project would be ₹ 695.58 crores, out of which ₹ 435 crores would be on account of Capital expenditure. Budgetary Support of ₹ 285 crores has been approved during XI Plan. Due to several hindrances in the RGIPT Campus Project at Jais, completion of the project in the XI Plan is not possible. It is proposed to treat the Project as Spill-over to XII Plan. Gross Budgetary support of ₹ 41 crores has been provided for the year 2012-13. However, the phase –I construction activities started from August, 2008 on the available plot of land purchased from Indian Oil Tanking Limited. The progress of construction has been delayed due to various reasons and the campus is expected to be ready in 2013.

Scheme on LPG connection to BPL families

A Plan Scheme has been formulated for providing one time assistance of ₹1400/- per connection to BPL families towards security deposit for the cylinder and regulatory proposing to cover upto 35 lac families per year. A token provision of ₹ 1.0 crore has been provided for the purpose in 2012 - 2013.

Indian Strategic Petroleum Reserves Limited (ISPRL)

Considering the oil security concerns of India, the Government has decided to set up a Strategic Crude Oil Storage of 5 million metric tons (MMT) at three locations in the country viz. Visakhapatnam (1.0 MMT), Mangalore (1.5 MMT) and Padur (2.5 MMT). The capacity of Visakhapatnam site has been enhanced to 1.33 MMT. The proposed Strategic Crude Oil Storage would be in underground rock caverns. A Special Purupose Vehicle, namely, Indian Strategic Petroleum Reserve Limited (ISPRL), as subsidiary of OIDB has been created for implementation and management of strategic storage of crude oil. Crude oil from the Reserves will be released by a Government appointed High Powered Committee, in the event of any short-term disruptions in supplies, a natural calamity or any unforeseen global event, leading to an abnormal increase in prices. The facility at Visakhapatnam is likely to be completed by March 2013, followed by Mangalore in end 2013 and Padur in the middle of 2014. A token provision of ₹ 1.0 crore has been provided for the purpose in 2012 - 2013.

Annexure II-A

(Non-Plan)

₹ in Crore

MINISTRY OF PETROLEUM & NATURAL GAS
OUTCOME BUDGET 2012-13 (NON PLAN)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Out lay 2012-13 (Non Plan)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk
1	Subsidy on domestic LPG & PDS Kerosene	Delivery of domestic LPG and PDS Kerosene to households across the country at affordable prices	3050.00	Making available PDS kerosene and domestic LPG cylinders to households at subsidized prices	Delivery of domestic LPG and PDS Kerosene to Households across the country at affordable prices	Till the prices of domestic LPG and PDS Kerosene are market driven, the subsidy sharing arrangement between the various stakeholders may have to continue	Since the prices of petroleum products are linked to international prices, any increase in international prices further increase the subsidy burden on Oil PSUs
2	Freight subsidy on retail products for far flung areas	The households in the far flung areas in the country are able to get PDS Kerosene and domestic LPG at the same price as in the other areas.	26.00	Making available PDS Kerosene and LPG cylinders for domestic use in the far flung areas of the country at uniform prices	The households in far flung areas in the country are able to get PDS Kerosene and domestic LPG at the same price as in the other areas		Any increase in transportation cost increases the freight subsidy burden on the Oil PSUs.

Annexure II-A

(Non-Plan)

₹ in Crore

MINISTRY OF PETROLEUM & NATURAL GAS
OUTCOME BUDGET 2012-13 (NON PLAN)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Out lay 2012-13 (Non Plan)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk
3	Compensation to Oil PSUs for supply of Natural gas to North Eastern Region	Through this arrangement, various customers in the North Eastern region get natural gas at concessional prices enabling overall economic development of the region.	504.00	To make available about 4 MMSCMD of Natural gas to the customer in the North East region at a concessional price of ₹4091/ MMSCM as compared to ₹6818/ MMSCM for the rest of the country.	Through this arrangement, various customers in the North-Eastern region get Natural gas at concessional prices enabling overall economic development of the region.	The proposed compensation to the Oil PSUs is for the whole year 2011-12.	Any additional gas over and above the present level is to be supplied to the consumers only at the market price and not at the concessional price.
4	Petroleum Regulatory Board	The Petroleum Regulatory Board would facilitate development of the Oil and Gas sector, keeping in view the interests of all stakeholders including the consumers.	13.14	Setting up of the Petroleum Regulatory Board for the downstream sector and Natural Gas.	The Petroleum Regulatory Board would facilitate development of the Oil and Gas sector, keeping in view the interests of all stakeholders including the consumer.	The Petroleum & Natural Gas Regulatory Board Act, 2006 (Act) was notified by the Government on 3.4.2006 and the Board has since been set up. The Chairman and 3 other Members have joined the Board in June, 2007.	With the establishment of the Petroleum Regulatory Board, various regulatory functions have shifted from the Government to the Regulatory Board.

Annexure II-A

(Non-Plan)

₹ in Crore

MINISTRY OF PETROLEUM & NATURAL GAS
OUTCOME BUDGET 2012-13 (NON PLAN)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Out lay 2012-13 (Non Plan)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk
5	Society for Petroleum Laboratory	For operation and maintenance of Society for Petroleum Laboratory which is engaged in testing of MS/ HSD/SKO samples at the Fuel Testing Laboratory, Noida which set up as per the directions of the Supreme Court.	1.92	Laboratory tests of about 60 samples per month, i.e., about 700-800 samples per year.	Detection of adulteration in fuels through testing of fuel samples received from enforcement agencies and Oil Companies in the National Capital Region (NCR) so that fuel quality supplied in NCR region meets BIS standards, thereby reducing air pollution.	Testing of samples is a continuous process.	Efficacy of the organization depends on the follow up of the results of the tested samples.

Annexure II-B

(Plan)

₹ in Crore

OIL AND NATURAL GAS CORPORATION (ONGC)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (₹ Crore)	Complim entary Extra-Budget ary Res-ources				
1	Seismic Survey	Mapping of drillable prospects for hydrocarbon exploration & exploitation		1719.64		i) 2D LKM 12470 ii) 3D SKM 5840	Mapping of drillable prospects for hydrocarbon exploration & exploitation.	March '13	Seismic Survey may be hampered due to adverse weather conditions and other logistics problems. Achievements of targets is also dependent on Statutory and environmental / forest clearances and harmonius working environment.
2	Exploratory Drilling	Accretion of Hydro-carbon reserves for future production and energy security.		7667.49		No. of Exploratory wells 155	Block appraisal for hydrocarbon presence. Incremental Ultimate reserve accretion (UR) 76.17 MMTOE	March '13	Number of wells drilled can be affected due to problems in land acquisition,logistics problems, adverse weather conditions, higher rental than budgeted for charter hire rigs, rig availability and drilling complications.

Annexure II-B

(Plan)

₹ in Crore

OIL AND NATURAL GAS CORPORATION (ONGC)

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2012-2013			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (₹ Crore)	Complimentary Extra-Budgetary Resources				
3	R&D/Institutes	Applications based research to assist in exploration and production to ehance accretion of Hydro-carbon reserves		245.93		Achievement of milestones in R&D Projects	Effective results from exploration activities and optimised production.	March '13	Results are probablistic in nature, as with any R&D activities.
						Incremental reserve accretion (in MMTOE) (Ultimate Reserves) 86.25	Accretion of Hydrocarbon for future production activities and for the sustained growth of the corporation.	March '13	Reserve accretion is dependent on success in hydrocarbon ventures by exploratory efforts.
4	Development Drilling	Production of hydro-carbons		5830.58		No. of Development wells : 325 No. of CBM wells : 20	Increase in Oil and Gas production and maintaining the reservoir health through drilling of new producers & injectors.	March '13	Number of wells drilled can be affected due to problems in land acquisition,logistics problems, adverse weather conditions, higher rental than budgeted for charter hire rigs, rig availability and drilling complications.

Annexure II-B

(Plan)

₹ in Crore

OIL AND NATURAL GAS CORPORATION (ONGC)

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2012-2013			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (₹ Crore)	Complimentary Extra-Budgetary Resources				
5	Production	Production of Crude oil, Natural Gas and Value added products viz.Liquid Petroleum Gas(LPG), High Speed Diesel(HSD), Naphtha, Superior Kerosene Oil(SKO), ATF,Aromatic Rich Naphtha(ARN), Low aromatic Naphtha (LAN), Ethane/ Propane (C2-C3) etc. for domestic & industrial use & providing inputs / feedstock material for other industries in India.		15606.70 #		Crude oil production (in MMT) * 25.046 Natural gas production (In BCM)* 24.88	Providing energy security to the nation equivalent to hydrocarbon production and generating revenue for the corporation.	March '13	Production can be affected by damage to production facilitites due to natural calamities, marine perils or by other means.
						Value Added Products (KT) 3581	Production of LPG, NGL,HSD, Naptha, SKO, ARN, C2-C3, ATF etc. for domestic & industrial use & providing inputs / feed-stock material for other industries in India.	March '13	Production can be affected by damage to production facilitites by natural calamities or by other means.

Annexure II-B

(Plan)

₹ in Crore

OIL AND NATURAL GAS CORPORATION (ONGC)

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2012-2013			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (₹ Crore)	Complimentary Extra-Budgetary Resources				
6	Joint Ventures	Joint Ventures Domestic		1322.98		Oil production 3.719 MMT and Gas Production 2.141 BCM (ONGC Share)	Participant/ operator with other entities for exploration and production from acreages/ blocks.	March '13	Production inputs are subject to operator getting award of acreages/blocks and subsequent approvals and their implementation.
7	Integration	Downstream Integration		671.98		Tripura Power Project, equity in OPaL ONGC,equity in ONGC Mangalore Petrochemical Company(OMPL), Rajasthan Refinery (SPV), Dahej SEZ(SPV), Mangalore SEZ(SPV), Wind farm, Solar Power Projects and new acquisitions.	To derive value from the related downstream activities in the hydrocarbon value chain.	March '13	Apart from exploration risk, subject to regulatory and statutory clearances and finalisation of policy related to SEZ, and environment clearances etc.
	Total			**33065.31**					Plan expenditure may be affected due to increase in rates of all oil field services (Survey Cost, Charter hire rig cost etc.) and equipments, change in technology, refurbishment of facilities and acquisition of new technology.

* Aggregate ONGC Stanalone production for the year 2012-13

Outlay for development schemes, revamping of facilities and capital purchases for sustaining the production of Oil, Gas & VAP

ONGC VIDESH LIMITED (OVL)

₹ in Crore

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Financial Outlay BE 2012-13			Physical outputs/ Quantifiablel Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Resources	BE 2012-13	Final		
1	Exploration and Production	Increment in Oil & Gas reserves and in the annual Oil & Gas Production	11,134.32	368.62		1. I.2DLKM - 1,254 II.3D SKM – 2361	Mapping of drillable prospects for hydrocarbon exploration and exploitation	2012-13	Achievement of survey targets depends on environmental factors and availability of survey parties / ships.
				637.03		2. 51 number Exploratory wells	Increment in Oil & Gas reserves	2012-13	Exploratory wells drilled may change as a result of outcome of preceding exploration in the projects or due to change in the exploration scheme of the project with Geological & Geophysical studies. Development wells may change due to changes in development plan.
				1,408.09		3. 307 number of Development wells	Higher Production	2012-13	
						4. Crude oil production 6.213 MMTPA		2012-13	Production can be affected by change in productivity of wells and due to various impeding factors which are not in the effective control of OVL
				5,496.16		5. Natural gas production 2.514 BCM	Equity Oil /Gas revenues from sale in international markets	2012-13	
						6. Incremental reserve accretion (in MMTOE) (Ultimate Reserves)			Reserve accretion is dependent on success in hydrocarbon discovery by exploratory efforts.
	Total			**7,909.90**					

OIL INDIA LIMITED (OIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay 2012-13 (₹ Crore)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
1	Seismic survey	Acquisition of Seismic Data followed by processing & Interpretation shall lead to generation of Drilling Pros-pects for Exploration of Hydrocarbon	335.10	Seismic Survey 2D GLKM: 470 3D SQKM: 1,500	To generate drilling locations in OIL's operational areas / NELP Blocks leading to reserve accretion.	31.03.2013	Seismic Survey is dependent on statutory environmental / forest clearance and harmonious operational environment / other PSC compliance issues / timely approval of budgets by partners i.e. OC/ MC.
2	Exploration drilling	For new Discovery of Hydro-carbon bearing structures.	1137.45	Exploratory Drilling:89340 mtrs in Assam & AP and RP;24700 mtrs in NELP blocks (OIL as operator)	Addition of 22 to 24.90 MMTOE of In-Place Reserve Accretion and to 8.15 MMTOE of Recoverable-Reserve in 2011-12.	31.03.2013	Numbers of wells drilled is dependent on timely availability of drilling locations, availability of 10 nos. in-house drilling rigs in NE, 1 nos. rigs in Rajasthan throughout the year, Availability of 6 nos. charter hire rigs, availability of 3 Nos. of Man management crews throughout the year.

OIL INDIA LIMITED (OIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay 2012-13 (₹ Crore)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
3	Development drilling	Delineation & development drilling	568.66	Development wells : 91375 Mtrs in Assam, AP & RP	Enhanced crude oil production of 3.76 MMT in 2011-12.	31.03.2013	--
4	Capital equip-ment and facilities	New Infrastructure / New Technology	538.50	To procure Capital equipment and create other associated facilities relating to Production infrastructure, drilling & pipeline equipments etc.	The acquisition of capital equipment and associated facilities would facilitate operational activities relating to survey, drilling and production.	31.03.2013	Progress of the project will depend upon the timely supply of equipment by the venders.
i)	Gabon	To generate drilling locations and reserve accretion.	116.60	Drilling of 6000 metres in Gabon.	To carry out exploratory drilling for new discovery of Hydrocarbon bearing structure.	31.03.2013	Progress of the project will depend upon the outcome of exploratory drilling.

OIL INDIA LIMITED (OIL)

₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay 2012-13 (₹ Crore)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
ii)	Nigeria	Outcomes in terms of reserve accretion	100.80	OIL's share in Survey & Drilling expenses.	Outcomes in terms of reserve accretion, which however cannot be ascertained at present in view of exploratory nature of drilling / G&G activities.	31.03.2013	Progress of the project will depend upon the outcome of exploratory drilling.
iii)	Yemen, Egypt & Other E&P projects	Outcomes in terms of reserve accretion	25.31	OIL's share in Survey & Drilling expenses.	Outcomes in terms of reserve accretion, which however cannot be ascertained at present in view of exploratory nature of drilling / G&G activities.	31.03.2013	Progress of the project will depend upon the outcome of exploratory inputs expended.
iv)	Libya 95/96 and other E&P projects		21.04	OIL's share in Survey & Drilling expenses.	Outcomes in terms of reserve accretion, which however cannot be ascertained at present in view of exploratory nature of drilling / G&G activities.	31.03.2013	Progress of the project will depend upon the outcome of exploratory inputs expended.

OIL INDIA LIMITED (OIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay 2012-13 (₹ Crore)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
6	Other projects / investments	Rajasthan Heavy Oil project, Gas Cracker project, Diver - sification to Down-stream sector & acquisition of overseas producing properties etc.	334.83	Provisions for other projects / investments and for OIL's share of expenditure relating to Carabobo Project in Venezuela.	Contribution to crude oil production, revenue generation etc. which cannot be quantified at this point of time.	31.03.2013	Commercial viability of Heavy Oil project, realization of gas price for Gas Cracker project, Vizag refinery and provision for other new overseas ventures.
	Total		3378.29				

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complimentary Extra-Budgetary Res-ources		
Exploration and production (non petrochemical)							
1	**Dahej -Vijaipur pipeline project (DVPL Ph-II)**	To enhance the capacity of GREP Pipeline system	-	23	-	Anticipated Completion: November 2011	Reason for Slippage: Hindrance for RoU in Gujrat
2	**Jhajjar-Hissar p/l**	To supply Natural Gas from various sources to Consumers in sub urban area of Jhajjar-Hissar	-	61	-	It is anticipated that the Project tendering activities would start by 4th Qtr of FY 11-12. 24 months from the start of tendering.	Non readiness of Customers downstream Sultanpur to draw gas
3	**Re Routing of Uran Thal Pipeline**	Rerouting of Uran-Thal Pipeline across DharamtalCreek, Mumbai	-	63	-	Anticipated Completion: 31st March 2013	Reason for Slippage: Project Completion would be synchronized with the completion of construction work of RPT
4	**Bhawana-Nangal p/l**	To Supply RLNG to consumers in the state of punjab , Haryana & UP	-	117	-	Anticipated Completion: 31st March 2012	Reason for Slippage: Delay in opening of ROU due to stiff resistance from farmers

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL)

₹ in Crore

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complimentary Extra-Budgetary Resources		
5	**Bhawana-Nangal Spurlines**	To cater to the gas demand of industrial & commercial consumers in Uttarakhand and Punjab. The pipeline will contribute in industrial development & maintaining clean environment in these States.	-	164	-	Anticipated Completion: 31st July, 2012 to Sep 2012	Reason for Slippage: Delay in getting permission for crossing Rajaji National Park, Barkot & Luchchiwala reserve forest. Delay in getting permission from NHAI for laying the line in the NHAI ROU
6	**BNPL Spur Line: HMEL Connectivity**	To cater to the gas demand of HMEL Bhatinda in Punjab. The pipeline will contribute in industrial development & maintaining clean environment in these States	-	92	-	Anticipated Completion: July - 2013 Subject to signing of CTA by Dec-2012	Reason for Slippage: There is no delay in Project execution, rather pro active initiative has been taken for the Tendering activities to reach up to PBO stage.

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complimentary Extra-Budgetary Res-ources		
7	**Compressor station -Vijaipur, Kailaras**	To cater gas demand at desired pressure to various customer in the route	-	50	-	Anticipated Completion: 31st December 2011	Reason for Slippage: Delay in acquisition of land. Slow progress by Civil Contractor
8	**Compressor Station - Chainsa**	To cater gas demand at desired pressure to various customer in the route	-	45	-	Anticipated Completion: 31st December 2011	Reason for Slippage: Delay in acquisition of land. Slow progress by Civil Contractor
9	**Jagdishpur - Haldia p/l**	To Supply Natural gas for various sources to the customer in West Bangal, Jharkhand Bihar & UP	-	186	-	Anticipated Completion: Ph-I : 2014 (30 months from start of tendering); Ph-II March 2016	Reason for Slippage: The completion of the project activities is required to be synchronized with the start of gas supply by RIL through RGTIL P/L at Haldia (Gas Source). Availability of gas is an area of concern

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complimentary Extra-Budgetary Res-ources		
10	**Dhabhol-Banglore p/l**	To Supply Natural gas for various sources to the customer in Maharastra, GOA, Karnataka	-	531	-	Anticipated Completion: 31st August, 2012	-
11	**Kochi-Kanjirkkod Manglore p/l**	To Supplu Natural gas for various sources to the customer in Kerla & Tamilnadu	-	1297	-	Anticipated Completion: Completion of Ph-I by 31st March 2012 and PH-II by 31st December 2012	-
12	**Kandla -Samrkhili LPG p/l**	Connectivity to various customers	-	1	-	Commissioned	-
13	**Karnpur - Moradabad-Kashipur-Rudrapur p/l**	To Supplu Natural gas for various sources to the customer in Moradabad, Rudrapur , Kashipur, Pantnagar	-	18	-	Anticipated Completion: Sec-I: Ready for Gas-In by Nov' 2011 Sec-II: Ready for Gas-In by Dec' 2011. Ph-II: March 2012	Reason for Slippage: Ph-I: Stiff RoU resistance. In Ph-II also RoU resistance is being encountered

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complim entary Extra-Budget ary Res-ources		
14	**Connectivity to Rohtak**	To supply Natural Gas to potential consumers in Rohtak, and other nearby area along Pipeline route	-	51	-	Anticipated Completion: 18 months from the start of Tendering work.	Reason for Slippage: No firm gas agreement in Rohtak Area
15	**Creation of inventory**	To cater Connectivity for the urgent gas demand at various point	-	36	-	Anticipated Completion: Inventory Material worth Rs. 56 Cr. Which is Under procurement shall be received at GAIL stores by December 2011	-
16	**Exploration & Production**	Improved Energy Security for the nation	-	508	-	Ongoing Project	-

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complim entary Extra-Budget ary Res-ources		
17	**Equity investments in project blue sky (JV -GGL, CUGL, MNGL ,BGL, AGL, TNGCl, Rajasthan,Vododara) & CNG dispensing facility**	Supply of Piped natural gas(PNG) and Compressed Natural Gas(CNG) ; Reduction of pollution levels	-	249	-	Ongoing Project	-
18	**RGPPL**	Supply of Piped natural gas(PNG) and Compressed Natural Gas(CNG) & Auto LPG ; Reduction of pollution levels in the city of Hyderabad	-	208	-	Dredging work is expected to completed by Jan'12	Break-Water Completion: Judgment of Delhi High Court is under review and Current tender for construction of Breakwater is put on HOLD till further notification
19	**Kochi-Kayamkulam Pipeline**	Supply of RLNG to NTPC Power plant at Kayamkullam from Kochi RLNG Terminal.	-	97	-	. Th e project completion schedule is 18 months from date of investment approval.	Firm Agreement with NTPC is pending. Investment approval will be processed after tie-up with NTPC

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complim entary Extra-Budget ary Res-ources		
20	**VKPL Spur lines and Connectivity to Chittorgarh**	Connectivity to Various small Pipelines	-	82	-	Anticipated Completion: March 2012	Reason for Slippage: Delay of four months in 3(i) notification by MoP&NG Statutory permission for forest area anticipated by Nov 2011
21	**ODDURU-VIZAG Connectivity**	To supply gas to HPCL Vizag	-	75	-	. The project completion schedule is 18 months from date of investment approval.	Investment approval will be processed after tie-up with HPCL
22	**Globalisation / Equity participation in JV abroad and business development projects**	Globalisation	-	595	-	Ongoing Project	-

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complim entary Extra-Budget ary Res-ources		
23	**Investment in OPaL/Utilization of Butadiene from Opal to produce SBR/PBR**	1.Expansion of GAIL's petrochemical business 2. Marketing rights for 38% (530 KTA) of polymers (PE & PP) to be produced by OPaL for the first 4 years and 33% (460 KTA) thereafter	-	381	-	Anticipated Completion of OPaL: Oct 2013	-
24	**Waste heat recovery-Vaghodia**	Better energy efficiency of the machine will be ensured	-	3	-	Anticipated Completion: All 03 boliers erected. 1st by 7th Dec'2011, 2nd by 28th Dec'2011 and 3rd by 15th January'2012	Reason for Slippage: Slow progress by contractors at site

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complim entary Extra-Budget ary Res-ources		
25	**Regional p/l RIL connectivity,IOCL Dadri + Mathura connectivity , Moradabad p/l , focus energy p/l, city gas feeder lines, (NCR, Pune, Agra, Mumbai,Devas, Pitampur & LPG p/l)**	Connectivity to Various small Pipelines	-	358	-	Ongoing Project	-
	Petrochemicals						
26	**PATA expansion project**	Meeting the demand of polymer in country	-	3581	-	Ongoing Project	-

Annexure II-B

(Plan)

GAIL INDIA LIMITED (GAIL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complimentary Extra-Budgetary Res-ources		
27	**Coal gasification project**	GAIL has applied for coal linkage to Ministry of Coal, GAIL has signed MoU with CIL & RCF for development of Coal Gasification plant and Fertilizer plant respectively at Talcher. Techno Economical Feasibility Report (TEFR) is being prepared by PDIL	-	20	-	36 months from the date of award of job for EPC	Signing of Tripartite MOU, engagement of backup consultant is yet to be completed due to various issues which delayed the completion scheduleof DFR by PDIL.
28	**Wind energy/ solar/ renewable energy projects**	De-risking of the current business portfolio, Organization will become 50% carbon neutral in terms of electricity consumption	-	377	-	Anticipated Completion: 75 MW: Mar, 2012 25 MW: May 2012	Reason for Slippage (Wind): Retendering for 25 MW

Annexure II-B

(Plan)

₹ in Crore

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-2013			Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Annual Plan (2012-13) Proposed	Complim entary Extra-Budget ary Res-ources		
29	**Myanmmar India Pipeline**		-	177	-		
	Total capital expenditure – plan	Wider and abundant gas availability	-	**9,447**	-		

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
1	15 MMTPA grassroots refinery at Paradip	To meet projected petroleum products deficit in Eastern India as well as to capture export potential and integrate the refinery with petrochemicals (in future) to derive maximum value of hydrocarbon chain.	6723.00	Grassroots Refinery of 15 MMTPA.	During 2012-13: NIL	Commissioning :April - June 2013 Operation/ Stabilization :July - September 2013	The updated outlook as indicated in Col-6 has been presented to Board on 20.12.11
2	FCC Rewamp at Mathura Refinery	For reliability improvement and maximisation of value added propylene	320.00	Augmentation of FCC unit capacity from 1.3 to 1.5 MMTPA	Increase LPG production and maximise propylene	January 2013	All major critical equipment ordered.All major works tender awarded except for Elect. & Instrumentation which are targeted by end Jan'12. Construction work in progress.

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
3	Distillate yield improvement at (Coker) at Haldia Refinery	setting up of facilities for Distillate Improvement at Haldia Refinery which will further increase the yield of total value-added product from 71 to 75.8%.	25.00	Increase in yield of total value-added product from 71% to 75.8% Enhancement of HS crude processing from 73% to 94%.	During 2012-13: NIL	39 months (M.C) + 3 Months (for commission-ing) from the date of investment approval.	Proposal for Investment Approval in process.
4	Gujarat Refinery expansion to 18 MMTPA	Expansion of Crude processing capcaity of Gujarat Refinery from 13.7 to 18 MMTPA to increase distillate yield and enhance HSD production.	25.00	Increase distillate by 1.7% and enhancement of HSD production.	During 2012-13: NIL	39 months from the date of final investment	—do—

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
5	Butadiene Extraction Unit at Panipat	Production of Butadiene	95.00	To produce 140TMT of Butadiene	Commence production of Butadiene	February 2013	All major critical equipment ordered.All major works tender awarded except for Elect. & Instrumentation which are targeted by end January 2012.Construction work in progress.
6	Paradip-Raipur-Ranchi pipeline	Cost effective, environment friendly and reliable movement of products upto Raipur & Ranchi	250.00	Transportation of petroleum products from Paradip upto Raipur & Ranchi. Capacity: 5.0MMTPA	During 2012-13: NIL	*	*Project is delayed. Period of delay shall be known upon receipt of 1st stage forest clearance for the project.
7	Debottlenecking of SMPL system	Augmentation of existing SMPL system	250.00	Aug. of existing SMPL from 21 to 25 MMTPA	During 2012-13: NIL	30 months after receipt of statutory clearances	NIL

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
8	Paradip-Haldia-Durgapur LPG Pipeline	Cost effective, environment friendly and reliable movement of LPG upto Durgapur	50.00	Transportation of LPG from Paradip upto Durgapur. Capacity: 0.85 MMTPA	During 2012-13: NIL	30 months after receipt of statutory clearances	NIL
9	Augmentation of PHBPL	Augmentation of existing PHBPL system	50.00	Aug. of existing PHBPL from 11 to 15.2 MMTPA	During 2012-13: NIL	30 months after receipt of statutory clearances	NIL
10	Integrated Crude oil handling facilities at Paradip	Crude oil supply to upcoming Paradip Ref. & operation flexibility to existing PHBPL	200.00	Handling of crude oil at Paradip to meet the requirement of upcoming Paradip Refinery, Haldia Refinery, Barauni Refinery & Bongaigaon Refinery.	Increase flexibility in handling imported crude	June 2012	NIL

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
11	CBR-Trichy product pipeline	Cost effective, environment friendly and reliable movement of products upto Trichy	30.00	Transportation of petroleum products from CBR to Trichy. Capacity: 0.4 MMTPA	During 2012-13: NIL	30 months after receipt of statutory clearances	NIL
12	Marketing Terminal for East Coast Refy. (at Paradip).	Marketing terminal augmentation at Paradip for PDRP evacuation to synchronise with PDRP commissioning .	40.00	Tankage of 59,859 KL with other allied facilities for better logistics.	During 2012-13: NIL	36 months from the date of Board approval or receipt of the last statutory approval whichever is later. Tankage and related pipelines for Refinery hookup in synchroniz-ation with refinery commission-ing.	1. Land development, Tank Fabrication, Pipeline and Plant Building works in progress. 2. CRZ clearance for FO docklines awaited.3. RTC clearance from railway board received on 15.09.11. Demand note against codal charges for considering DPR received from East Coast Railways and payment made. Clearance awaited.

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
13	New Marketing terminal at Jasidih (Jharkhand)	Additional tankage and allied facilities for better logistics	30.00	Tankage of 31,590 KL and allied facilities for better logistics.	During 2012-13: NIL	24 months from the date approval./ March 2013 considering PESO approval in March 2011	1. Land demarcation for one plot and Boundary wall completed. 2. Environmental Clearance received on 14.01.2011 with a condition for 250 m buffer zone around the terminal . Requirement of buffer zone waived on 15.07.2011.3. DM NOC received.4. PESO approval received in March 20115. Land Development and Tank Fabrication works in progress.6. LOI for Plant Buildings and Pipeline works placed. Tender for Non PLant buildings under finalization.
14	Chittoor Terminal on CBPL (Karnataka)	Additional tankage and allied facilities for better logistics	43.00	Tankage of 61,512 KL and allied facilities for better logistics.	During 2012-13: NIL	24 months from the date approval./ March 2013 considering EC in March 2011	1. Environmental clearance received in March 2011.2. Boundary Wall and Land development works completed.3. Tank Fabrication , Non Plant & Plant Buildings and Pipelines in progress.4. Tender for Electrical & Vapour Recovery System invited.

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
15	LPG facilities at Paradip	Construction of LPG bulk loading facility	40.00	Storage of 3x600 MT planned for T'put 520 TMTPA (8 TT bay) and allied facilities for facilitating smooth supply/ demand balance of LPG.	During 2012-13: NIL	30 months from the date of Board approval/ positioning of manpower or receipt of statutory approval, environmental clearance, whichever is later.	1. Land Development work is in progress.2. PESO approval received.3. Applied for Environmental Clearance (EC). Public hearing conducted on 09.11.2011 by Dist. Authority. Environment Clearance awaited.Further work can commennce only after obtaining Environmental Clearance.
16	Exploration & Production	To secure equity oil & gas	650.00	To secure crude oil and gas	During 2012-13 : NIL Integration through entry into domestic upstream sector & energy security through equity oil from abroad.	Production expected from 2014-15	No projected crude oil production from E&P Projects during 2012-13

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
17	Ennore LNG Project	To own gas infrastructure to augment gas market share	119.40	FEED study completion. EIA study completion. Lining up PMC and EPCC	During 2012-13: NIL	FEED - June 2012. Rapid EIA by March 2012. PMC line-up by April 2012. EPCC line-up by December 2012.	Ennore Projecr - JV is expected to be formed in next financial year.
18	LNG through virtual pipeline (LNG at Doorstep)	To supply LNG through road tankers to customers not connected with Gas pipeline	30.00	To meet requirements of LNG supplies by road, 18 tankers and 4 storage tanks will be taken /procured from IBP Division / outside	Increase availability of Road LNG Tankers	Tankers delivery time being 7-8 months from the order, the supplies of tankers and tanks expected to be met by March 2013.	The equipments (i.e. LNG tankers and LNG storage tanks) shall maintain company's leadership in the field of 'LNG at Doorstep' business.

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
19	Equity participation in Nuclear Power	To enter into Nuclear power business	78.00	setting up 2X700MWe capacity nuclear power project – Rajasthan Atomic power project-7&8 thru' JV	During 2012-13: NIL	2017	First Pour of Concrete on 18th July 2011. Construction work is in progress.
20	Wind Power Project	To develop renewable energy business	40.00	completion of 48.3 MW project and initiating 25 MW project	Production of power from the wind turbines	2012	Work on 48.3 MW project is in full swing.
21	SBR Project at Panipat in JV	Production of Styrene Butadiene Rubber	91.00	To produce 120TMT of Styrene Butadiene Rubber	Commence production of SBR	March 2013	JV has been incorporated on 6.7.2010. Land has been allocated by GoH for the plant, and the land registration is completed. M/s UHDE has been lined up as PMC in September 2010 and M/s Toyo has been lined up as LSTK contractor for the project. The EIA study has been completed & Environment clearance has been received. Construction is in progress.

INDIAN OIL CORPORATION LIMITED (IOC) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2012-2013 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks
22	Investment in R & D	To build-up the capabilites in the areas of refining technology, pipelines, biofuels and alternate sources of energy	130.00	To create competitive advantage in existing areas of operation and have a first mover advantage in alternate sources of energy	To build-up the capabilites in the areas of refining technology, pipelines, biofuels and alternate sources of energy.		No perceived risk
23	Miscelleneous projects (including ₹ 389.30 crore for completed projects)	To facilitate operations and growth in various activities of the Corporation	690.60	To facilitate operations and growth in various activities of the Corporation			

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
1	Exploration & Production	Achieving oil security by securing access to equity oil		300.00		Participating interest(10% to 25%) in 22 projects: 3 overseas projects inlcudes one in Australia and two in Egypt and 19 projects in India	Achieving oil security by securing access to Equity Oil.	Seismic studies are being undertaken on existing blocks for establishing drilling options & sites. Also, opportunities being scanned for investment in discovered fields/ blocks overseas within next 2 -3 years.	Support from MOP&NG for allocation of blocks in proven basins on nomination basis and enhancement in limit for Overseas Investments is sought. The risk factor is Commercial viability of the proposal due to cost escalations and shortage of resources.
2	Diesel Hydrotreater at Mumbai Refinery	Production of EURO IV compliant Diesel as per Auto Fuel policy		800.00		Installation of 2.2 MMTPA Diesel Hydrotreating Unit (DHT) and corresponding Hydrogen generation unit, sulphur recovery unit and associated facilities	Production of EURO IV compliant Diesel as per Auto Fuel policy	Both Reactors devlivered at site. Order placed for DHT, Sulphur Recovery Unit etc and manufacturing in progress. Scheduled Completion - March 12	Slow progress of Utilities Packages

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
3	Calico Land-Cavern / Tankage/ Offsites & Associated Facilities	Decongestion of existing facilities, plans to move some of its product storage facilities		3.00		Installation of 7 different types of white oil storage tanks and 2 SlopOil service	Decongestion of existing facilities. Meeting Future expansion requirement.	Feasibility study for the project is in progress	
4	Residue Upgradation (Yield Improvement / Bottom upgradation - FS) at Mumbai Refinery	The purpose is conversion of existing PDA unit to ROSE technology to improve performance and increase capacity of Residue Upgrading unit		5.00		Conversion of existing PDA unit to ROSE technology	Through ROSE process residue is planned to be upgraded	Review of the residual basic engineering has been completed. Detailed engineering package is at advanced stage	
5	Energy conservation at MR	Identifying Projects for energy conservation		1.00		Study for energy conservation of existing refinery is undertaken with EIL	Energy conservation	Feasibility study under progress	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL) ₹ **in Crore**

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6	Feasibility study for Margin improvement	Projects for margin improvement		1.00		Study for margin improvement will be undertaken with EIL	Margin improvement	Feasibility study under progress	
7	Yield Improvement/ Bottom Upgradation - SDA	Bottom Upgradation thru new ROSE Solvent deasphalting unit and new AQUAFOAM Pelletizer		20.00		Setting up new ROSE solvent de asphalting unit and new AQUAFOAM Pelletizer	Products from this unit will be deas[ja;ted oil to be used as FCC feed, blended bitumen for paving grade asphalt and an asphalting pellet that can be sold as a solid fuel	Feasibility Study has been completed. Pre-project activities are being iniitiated	
8	GTG Replacement 1,2,3 & 4 at MR	Replacement of existing GTG with new GTGs of higher frame sizes and efficiencies to cater to the total electrical power and steam demand of the refinery and also at a lower cost and also by using environmentally friendly fuel		50.00		New GTGs of higher frame sizes and efficiencies	Through new GTGs, the total electrical power aand steam demand of the refinery is planned to be met and also at a low power cost and also by usage of environment friendly fuel.	DFR is being carried out.	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹ Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
9	Clean Fuels & Emission Control Project at Visakh Refinery	Production of Euro-III/IV compliant MS as per Auto Fuel Policy		15.00		Production of Euro III/IV compliant MS. Maximisation of middle distillate yield and reduction of sulphur emission	Production of Euro-III/IV compliant MS as per Auto Fuel Policy	Project commissioned in Aug'09	
10	FCCU-II Revamp and FGDs at Visakh Refinery	Treatment of Flue Gas		20.00		Small facility for treatment of Flue Gas	Small facility for treatment of Flue Gas	FCCU II Revamp has been already commissioned in December 10. With regard to facility for treatment of Flue Gas (FGDS) targeted date of Mechanical completion is April 12	
11	SPM and Crude Oil Terminal	Installation of new facilities for enhanced capacities and minimising transportation cost.		44.00		Installation of SPM and associated facilities and tankages to receive crude through VLCC	Minimising Freight and Wharfage cost	Project commissioned in Feb 11	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

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12	Diesel Hydrotreater at Visakh Refinery	Production of EURO IV compliant Diesel as per Auto Fuel policy		700.00		Installation of 2.2 MMTPA Diesel Hydrotreating Unit (DHT) and corresponding Hydrogen generation unit, sulphur recovery unit and associated facilities	Production of EURO IV compliant Diesel as per Auto Fuel policy	Scheduled Commission-ing of DHT is March 2012	Performance of LSTK & other Contractors
13	Modernisation / Capacity Enhancement at Visakh Refinery	Modernisation of Process facilities and Enhancement of the refining capacity		70.00		Revamp of CDU-II & III to enhance the capacity and yield. New units viz, CDU/VDU, OHCU/HCU, Slurry hydrocracker unit, Alkylation unit, Solvent Deasphalting unit and revamping of NHT, CCR, ISOM, DHT, DHDS etc planned	Expansion of refining capacities	Configuration study and Detailed feasibility study are in progress	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

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14	Feasibility study of various projects	Line entry proposed for conducting feasibility study on projects as and when required		1.00		Feasibility Report	Line entry proposed for conducting feasibility study as and when required	Conducting feasibility study as and when planned	
15	Natural Gas	Usage of Natural Gas as Fuel at Vizag Refinery		60.00		Facilities to be implemented within Refinery to facilitate receipt and usage of Natural Gas	24" intake line entering from ATP North, 3 main distribution headers to supply to HGU feed, GTGs and Refinery Fuel Network, Other suitable facilities for downstream distribution of gas.	Project completion schedule is estimated to be 30 months from project approval date	
16	GTG Replacement at VR	Replacement of existing GTG with new GTGs of higher frame sizes and efficiencies to cater to the total electrical power and steam demand of the refinery and also ensuring reliability of operations		50.00		New GTGs of higher frame sizes and efficiencies	Internally meeting total electrical power and steam demand of vizag refinery and ensuring reliability of operations	DFR is being carried out. Expected time of completion is 26 months from the date of approval	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
17	Resitement of Visakh Marketing Terminal	To create space for growth, modernisation & expansion plans of Visakh Refinery.		33.00		Resitement of all 3 terminals at Visakh (i.e.) Black Oil, White Oil and LPG terminals to facilitate expansion of Visakh refinery and for safer operations.	Safe operations of 3 terminals by decongesting of Visakh refinery space and also to facilitate Green fuels project of Visakh refinery by providing space for expansion plans for Visakh Refinery.	Black Oil Terminal Commissioned in Sep 10. LPG Plant mechanically completed in June 11. White Oil Terminal excluding Railway Siding completed in December 11	
18	LPG Bottling Plants at plan locations and Tankage Augmentation	Increase in Bottling Capacity to meet future market growth and reduce transportation cost		45.70		Additional bottling capacity	Increase in Bottling Capacity to meet future market growth and reduce transportation cost	Plants in various locations will be commission-ed in phases	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL) ₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
19	Mundra-Delhi Pipeline	Ensuring product supply in North Zone and Optimising the distribution cost		2.43		Product pipeline from Mundra to Delhi with capacity of 5 MMTPA in Phase-I and 5.8 MMTPA in Phase-II	Ensuring product supply in North Zone and Optimising the distribution cost	Project commissioned upto Bagadurgarh Terminal. Bahadurgarh - Tikrikalan pipeline (1X10" dia and 1X8" dia) construction work in progress. Anticipated completion - Feb. 12.	
20	Evacuation of GGSRL Refinery's white oil products by pipelines	Evacuation of White oil from Bathinda Refinery		2.10		Laying of 29.6 km of white oil pipeline from Raman Mandi to Bathinda and 250 km of white oil pipeline from Raman Mandi to Bahadurgarh.	Evacuation of White oil from Bathinda Refinery	Project mechanically completed in December 10	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

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21	Rewari Kanpur Pipeline	For movement of Non GGSR product from MDPL to UP & Bihar by connecting the proposed Rewari-Kanpur Pipeline with MDPL at Rewari		100.00		Rewari-Kanpur Pipeline with a length of 436 km and Pipeline dia of 18" aand capacity of 3.17MMTPA	Movement of Non GGRL product thru MDPL, and newly laid down Rewari Kanpur Pipeline to meet the demand of UP & Bihar	Detailed Route Survey completed Cadastral survey/EIA/ RA Study in progress. Applied to PNGRB for authorisation of pipeline thru EOI route. Based on the outcome of bidding process, approval from Board will be obtained for implement-ation of pipeline	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
22	Awa Salawas Pipeline	Laying of a spur line from existing Awa Pumping Station of MDPL to Salawas Depot to make a substantial saving in transportation cost		11.70		Pipeline from Awa Pumping Station of MDPL to Salawas Depot and associated facilities	Substantial saving in transportation cost	Desktop pre-feasibility studies completed. DFR study under progress. Applied to PNGRB for authorisation under EOI route. Based on the outcome of the Bidding process, implement-ation of the project will be undertaken	
23	Subsea LPG Pipeline	To evacuate additional LPG production post GFEC project at MR and decongestion of Chembur area.		50.00		Laying of Subsea pipeline from HPC/BPC refinery to Uran	To evacuate additional LPG production post GFEC project at MR and decongestion of Chembur area.	Pipeline laying work is in progress inside HPC Refinery, BPC Refinery, Tata Power, CIDCO area and inside Uran LPG Plant. Expected Completion date March 2013	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL) ₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
24	LPG pipeline from BPCL Uran to Chakan (Pune)	For evacuation of LPG production of MR from BPCL Uran LPG to Chakan LPG Bottling Plant		50.00		Designed thruput 1.2MMTPA. 12" dia-165 km length from BPCL-Uran LPG Plant to Chakan HPC/IOC/BPC LPG Plants.	Designed thruput 1.2MMTPA. 12" dia-165 km length from BPCL-Uran LPG Plant to Chakan HPC/IOC/BPC LPG Plants.	Design basis and Detailed Engineering of Mechanical, Piping, Process, Instrument-ation, civil and Electrical completed. Tender for seamless pipeline floated. Anticipated completion December 2013	
25	Mangalore Bangalore LPG Pipeline	Laying 362 km LPG Pipeline from Mangalore to Bangalore to greatly reduce road movement and thereby reducing environmental pollution and also traffic congestion		25.00		Main Pipeline with the length of 362km and capacity of 1.12MMTPA between Mangalore & Bangalore and 3 Spur lines	Safer/Environment Hazard free movement of LPG. Reduction of road movement/traffic congestion and environmental pollution and also transport cost	Applied to PNGRB for authorisation under EOI route. Applied for Environ-mental clearance and Pollution Control Board approval.	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
26	Cross country ATF pipeline from Bhahadurgarh to Delhi Airport	By laying a Pipeline from Bahadurgarh to Delhi Airport, ATF from GGSR is planned to be moved to Delhi Airport		50.00		8" dia dedicated ATF pipeline from HPCL Bahadurgarh Terminal to Delhi Airport	To ensure a complete end end transfer of ATF from GGSR to Delhi Airport and reduce transport cost	Project Implement-ation will be carried out within 22 months from the date of obtaining environ-mental clearance	
27	Gas Pipeline from Kakinada to Visakh	To provide Pipeline connectivity to Visakh Refinery from Kakinada Haldia Gas Pipeline for receipt & usage of natural gas as fuel in Visakh Refinery		5.00		Pipeline connecting Vizag Refinery to Kakinada Haldia Gas Pipeline	To ensure usage of Natural Gas as fuel in Vizag Refinery which is environment friendly and also cheaper		Currently the project is in abeyance as discussions are on with M/s GAIL for laying of dedicated gas pipeline to Vizag Refinery from GAIL's Pipeline network at Oduru

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

SL. No.	Name of Scheme/Programme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Resources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
28	DFR and Laying of Pipelines	PFR/DFR study for the new pipelines		2.00		DFR	DFR	PFR/DFR study for the new pipelines as and when required	
29	R&D Project	Creating in house R&D expertise and facilities		110.00		Setting up of R&D centre at Bangalore	Setting up of R&D centre at Bangalore	Appointing an Architect, submission of documents to seek approval from statutory authorities, Equipment procurement, construction and other contracts under preparation	Progress is dependent on land acquisition
30	Green Field Refinery Project	To set up of grass root Refinery		300.00		Setting up a grass root Refinery of 18 MMTPA: to be implemented in 2 phases. i.e., 9 MMTPA in each phase	Setting up a grass root refinery to meet the increasing demand of petroleum products	Configuration study completed. DFR completed. 48 months from the date of environmental clearance / Investment approval	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

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31	Prize Petroleum Co. Ltd.	Exploration and production activities to achieve access to equity oil		125.00		Development of Hirapur, Sanganpur and South Rewa fields	Exploration and production activities to achieve access to equity oil	E&P activities under progress	Prize Petroleum has been made 100% subsidiary of HPCL. Fluctuation in crude prices. Associated project risk. Vagaries of E & P sector
32	Punjab Refinery Project including Crude Oil Pipeline and Crude Oil Terminal	To meet the demand of petroleum product in the northern region		100.00		Setting up of 9 MMTPA petroleum refinery at Bathinda, Punjab	Setting up of 9 MMTPA petroleum refinery at Bathinda, Punjab to meet the demand of petroleum product in the northern region	Project mechanically completed. Crude In taken at Aug 11. First product received and sold. Various Units under Commission-ing and stabilisation	Project in joint venture with M/s. Mittal Energy Investment Pte.
33	JV for Mangalore LPG Cavern Storage	To set up a mined cavern at Mangalore LPG Import Facility		50.00		Setting up a LPG mined Cavern of 100 TMT at MLIF	MLIF being the major LPG Import location, the proposed Cavern will help enhance the discharge rate from LPG Tankers and also to import LPG in large parcel size thereby reducing freight cost	To be taken up through JV route	Firming up with JV partner is key for further progress of the project

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (Rs.Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
34	Cross Country Gas Pipeline in consortium with GSPL/IOC/BPC	Towards our equity (11%) contribution for constructing Mehsana to Bathinda, Bathinda to Jammu-Srinagar & Mallavaram to Bhilwara Gas Pipelines in consortium with GSPL, IOC & BPCL		50.00		Mehsana to Bathinda, Bathinda to Jammu-Srinagar & Mallavaram to Bhilwara Gas Pipelines	This gives us right in the usage of Cross Country Gas Pipelines	Detailed Feasibility Study is being carried out.	Project in JV with GSPL, IOC & BPC
35	State Natural Gas Grid	To set up Natural Gas State Grid in the State of Andhra Pradesh & Rajasthan in JV with respective States		5.00		Natural Gas Grid in the State of AP and Rajasthan	It gives us participating interest in the Natural Gas Grid of the respective States	Discussion with AP and Rajasthan Govt. is on. We are at advanced stage of finalisation of JV in Rajasthan with GAIL Gas and Rajasthan State Petroleum Corpn.	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
36	City Gas Distribution Network	Setting up CGD Network by participating in PNGRB bidding for City Gas Distribution Network		50.00		Putting up a City Gas Distribution Project at the City, where we wins in the PNGRB bid	Setting up CGD Netowrk	Bid submitted. Further progress depends on the outcome of the PNGRB bid.	
37	New LNG Facilities	To set up a LNG Import and Regasification Terminal of 5 MMTPA capacity in JV		50.00		LNG Import and Regasification Terminal	Thru setting up LNG Terminal HPCL can access to growing domestic market for Gas	Pre-feasibility study completed. DFR is to be carried out	The Project is to be undertaken through JV route
38	Avantika Gas Ltd.	Distribution and marketing of environmental friendly fuels (green Fuels) viz. CNG and Auto LPG in the state of Madhya Pradesh.in JV with M/s GAIL		20.00		Expansion of City Gas Distribution in Ujjain, Indore and Gwalior	Expansion of City Gas Distribution in Ujjain, Indore and Gwalior		Availability of Gas (including APM Gas) at competitive prices.

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
39	CREDA-HPCL Biofuel Ltd.	Cultivation of Jatropha and other non edible plants in the State of Chhattisgarh to facilitate production of environmental friendly energy 'Biofuel'.		40.00		(i) Collection of Seeds - About 150 tonnes, (2) After crushing, expected products are : Jatropha Oil : 50 kl, Oil Cake : 100 tonnes	Production of environmental friendly energy 'Biofuel'	Commercial production of seeds is expected to start from 2014-15	Subsidiary company wherein HPCL has 74% equity(CREDA-HPCL Biofuel Ltd.).
40	South Asia LPG Co. Pvt. Ltd	To study the commercial viability of setting up LPG Cavern of 100000 MT capacity at Mangalore		10.00		Commercial viabillity study Report	To decide upon the setting up another LPG Cavern at Mangalore	Confirmation from JVC partner (M/s Total, France) is awaited	
41	Overseas Refinery/ Marketing Assets	To spread portfolio in associated and profitable business as well as expand core business of refining and marketing in new markets		5.00		Line entry for acquiring Refinery/ Marketing assets overseas	To spread portfolio in associated and profitable business as well as expand core business of refining and marketing in new markets	Environment being scanned for identifying opportunities	Commercial viability of the proposal

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

SL. No.	Name of Scheme/Programme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Resources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
42	Green Field Refinery cum Petrochemical Complex	For conducting Detailed Feasibility Study for setting up Refinery cum Petrochemical complex at PCPIR, Vizag		25.00		Detailed Feasibility Study	To decide upon the setting up PCPIR at Vizag	Tender for DFR has been floated	
43	Propylene Manufacturing facilities at Mumbai Refinery	Propylene Manufacturing		5.00		Feasibility Report	To decide upon putting up Propylene manufacturing facility at Mumbai Refinery	Feasibility study to be undertaken	
44	Making Mixed Xylenes from Continuous Catalytic Reformer (CCR) at Mumbai Refinery	To manufacture value added products and improve margin		5.00		Feasibility Report	To decide upon putting up Mixed Xylene manufacturing facility at Mumbai Refinery	Feasibility study to be undertaken	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (₹Cr.) Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
45	Making Mixed Xylenes from Continuous Catalytic Reformer (CCR) at Visakh Refinery	To manufacture value added products and improve margin		0.50		Feasibility Report	To decide upon putting up Mixed Xylene manufacturing facility at Vizag Refinery	Feasibility study to be undertaken	
	Total			**3467.43**					

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
I	**Ongoing / Completed Schemes**					
1	**Refinery** Fuel quality Upgrade at Mumbai Refinery	To supply Mumbai requirement of Euro IV HSD/ MS from our Mumbai Refinery.	1.00	i. Euro 4 Auto Fuels (MS&HSD) production from Mumbai Refinery to meet Mumbai metro demand ii. HSD Quality upgradation through DHDS Ravamp iii . MS quality upgradation by installation of FCC Gasoline Spiliting Facilities	January 2010	Project completed and commissioned in Feb.2010 Residual jobs related to blending schemes / spares etc are in progress

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
2	Hydrocracker Revamp and setting up of new CCR at Mumbai Refinery	Hydrocracker Revamp and Setting up new CCR at Mumbai Refienry: Project scope includes revamp of Hydrocracker Unit (HCU) from 1.75 to 2.0 MMTPA and setting up New Continuous Catalytic Regenerator Reformer (CCR) capacity to 1.2 MMTPA with matching New Naphtha hydro treater unit (NHT) and new Pressure Swings Adsorber (PSA) units and other utilities / offsite facilities.	750.00	Hydrocracker Revamp and Setting up new CCR at Mumbai Refienry: Project scope includes revamp of Hydrocracker Unit (HCU) from 1.75 to 2.0 MMTPA and setting up New Continuous Catalytic Regenerator Reformer (CCR) capacity to 1.2 MMTPA with matching New Naphtha hydro treater unit (NHT) and new Pressure Swings Adsorber (PSA) units and other utilities / offsite facilities.	The project has been reformulated with enhanced capacity of CCR i.e from 0.9 MMTPA to 1.2 MMTPA with matching new NHT and new PSA units. The Board has approved the revised cost of ₹ 1827 crore in May 2011. The project has achieved an overall physical progress of 39.60%	

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
3	Production of High Quality Lube Oil Base stocks (LOBS)	To set up facilities for production of 180 TMTPA of high performance Group II LOBS at Mumbai Refinery with design capability to produce three different grades of LOBSto meet the captive & domestic market	1.00	Facilities to be set up consists of production of 180 TMTPA of high performance Group II LOBS, 3 nos. intermediate tanks and 9 nos. finished product tanks and matching offsites and utilities facilities at an approved cost of ₹371crores.	plant with 180TMTPA	The Outlay is for providing Additional Catalyst to enhance the plant capacity from 180 TMTPA to 216 TMTPA.

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
	Joint Venture Projects (Investment Represents BPC's share of Equity)					
4	Investment in JVC - Bharat Oman Refineries Ltd. (050200329) & (050200237)	The project envisages setting up of a 6 MMTPA grassroot refinery at Bina, in Madhya Pradesh to meet the projected deficits of petroleum products, especially the Middle Distillate including LOBS in Northern/ Central India region.	50.00	The project consist of 6 MMTPA grassroots refinery at Bina alongwith related crude import facilities consisting of Single Point Mooring (SPM), Crude Oil Terminal (COT) at Vadinar, 935 km long cross country crude oil pipeline from COT at Vadinar to Bina alongwith matching storage facilities and utilities. The revised cost of the project is ₹12,208 crores.	All process units of the refinery have been commis-sioned.	
	Sub-Total (JV - Refinery)		**50.00**			

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
	Kochi Refinery					
5	Stand alone water supply	Bridge cum regulator being set to prevent the salt water ingress in the Periyar river	9.00	to meet water requirements of the refinery	Payment will be made based on the progress of work which is being executed by Irrigation Dept. of Govt. of Kerala.	
6	Capacity expansion cum modernization Project - Phase II	Periyar river The project is for improving the quality of MS&HSD to meet Euro III Equivalent norms and low cost expansion of the refinery from 7.5 to 9.5 MMTPA.	100.00	The facilities envisaged to meet the above objectives are: CDU II unit revamp - 3.0 to 5.0 MMTPA, VGO Hydro Desulphurisation Unit (VGO HDS), 1.7 MMTPA, Naphtha Hydrotrater (NHT) /Continuous Catalytic Regenrator (CCR) Reformer Unit - 0.85 MMTPA, Sulphur Recovery Unit (SRU) - 72 TPD, Gas Turbine 32 MW, Utilities& Offsites	Dec. 2010	The project has been commis-sioned.

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
7	Crude receipt facilities Phase I	Setting up of Crude Oil Receipt Facilities (CORF) consisting of Single Point Mooring (SPM) for berthing VLCC, shore tank farm and associated pipelines.	1.00	The facilities envisaged under Phase I of the Dec.2007 project i.e. for off-shore are SPM and its connected facilities for berthing VLCC and 48" submarine pipeline from SPM to STF and the facilities for the on-shore are 3 Shore tanks (total capacity of 2,40,000 30" submarine pipeline through back waters / cross-country pipeline and Crude transfer P/H, ETP & fire fighting facilities.	Dec. 2007	Project com-missioned in November 2007.
	Sub Total (Refinery)		**912.00**			

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
	Marketing					
8	LPG import facilities at JNPT with strategic storage at Uran	Setting up of Refrigerated LPG storage and handling facility (2 x 8000 MT) at JNPT Jetty & Uran LPG Plant.	5.00	Unloading of refriger-ated LPG thru 12.5 km long refrigerated transfer pipeline from JNPT Jetty to Uran LPG Plant. Construction of 2 x 8000 MT Double Integrity Cup in tank full containment type refrigerated tanks. Dispatch of pressurized LPG through road tankers and cylinder filling.	September 2011	The Project as on September '11 has achieved an overall progress of 97.9% . The project is mechanically complete and pre-commis-sioning activities are in progress.
9	Product Pipeline from Bina to Kota	The project envisages laying of 18"dia. 265 Kms. long cross country product pipeline from Bina (Madhya Pradesh) to Kota (Rajasthan) to for economic evacuation of MS,SKO,HSD & ATF from Bina Refinery. The pipeline will be con-nected to the existing multiproduct pipeline Mumbai-Manmad-Manglia-Piyala Bijwasan at Kota, in order to facilitate distribution of Bina Refinery products to Northern region markets.	10.00	The total capital cost of pipeline from Bina to Kota (including cost of additional pumping station at Kota) is Rs. 405.82 crore.	March 2010	The pipeline (257 KM) has been commis-sioned.

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
10	Pipelines for transfer of LPG from Refinery to Uran.	The project envisages laying of 28 Km long LPG transfer pipeline from BPCL and HPCL Mumbai refineries at Mahul to Uran LPG Plant to sustain uninterrupted operation of Mumbai refineries, by continuous and economic evacuation of LPG from both the refineries	46.00	The project envisages laying of 28 Km long pipeline of 10" diameter for evacuation of LPG from BPCL and HPCL refineries at Mumbai, at a cost of ₹ 246.31 crore, to be shared equally by BPCL and HPCL. The pipeline will traverse through two offshore segment (12 KM) and three onshore segments (16KM). The pipeline is designed for 800 TMTPA on single shift operation. The pipeline will be provided with SCADA and leak emergency evacuation system.	June 2012	Consequent upon, the delay in availability of NOC from JNPT, the anticipated project completion date has been revised to June 2012.
	Sub Total (Marketing)		**61.00**			
	Total-I		**973.00**			

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
II	**NEW SCHEMES**					
1	**Refinery** Integrated refinery expansion project at Kochi Refinery	To increase the refining capacity by another 6 MMTPA and modernise the refinery to produce auto fuels conforming to Euro-IV specification.	330.00	Proposal is to set up an Integrated Refinery Expansion Project (IREP) with 6 MMTPA crude Distillation Unit (CDU) and matching down stream facilities viz, hydro-processing and Residue Up-gradation facilities.	March 2016	Board during January 2011 has approved the proposal for ₹ 300 crore for pre-project activities. for petrochemical, viability studies are on.
2	U. P. Refinery Project	To set up 7 MMTPA grassroots refinery in U.P.to meet the growing demand of petroleum products in the Northern Region, particularly in the state of Uttar Pradesh.	10.00	To set up 7 MMTPA grassroots refinery at an approved cost of ₹ 6180 crores (August 1998 prices)		The strategies for implementation and timelines required for U.P. Refinery construction can be worked out more realistically, giving due consideration to supply demand scenario as well as viability of the project at that time after the issues relating to the land are resolved and possession of the land is restored to BPCL.

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
3	Replacement of CDU /VDU at Mumbai Refinery	Replacement of old Crude / Vacuum distillation units at Mumbai —Refinery	130.00	Replacement of old Crude / Vacuum distillation units at Mumbai — Refinery	December 2015	In-principle approval has been received from the Board during its Meeting held on 18.4.2011 for ₹ 80 Crorestowards pre-project activities.
4	Provision for new facilities at Mumbai Refinery		230.00			
	Sub Total (Refinery)		**700.00**			
5	**Marketing** Construction of Hydrant facilities at Chennai Airport	To ensure safe, smooth & environmental friendly refuelling operations	5.00	It is proposed to construct three tanks of 3800 kl capacity at a site allotted by the Airport Authority of India and lay an underground pipeline from the fuel farm to all the operational bays.	36 months from receipt of all approvals	The project would be taken up for implementation on being a successful bidder during the bids called for by Airport Authorities of India Ltd.

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
6	Provision for new LPG Bottling plants	To develop new LPG Bottling Plants at various locations	116.00			The methodology of implementation is under review.
7	LPG import facilities and development of strategic storage in Mangalore	Laying of LPG import pipeline from Mangalore Port (5 kms.) and develop 10,000 mts. storage at Mangalore LPG plant	1.00	Laying of LPG import pipeline from Mangalore Port (5 kms.) and develop 10,000 mts. storage at Mangalore LPG plant .		NMPT has withdrawn their permission for independent unloadng arm of BPCL at Jetty No.12. In light of the same, we are exploring the alternative i.e. co-ordinating with other port users for hook up of their import pipeline with our LPG plant at Mangalore to receive 5-6 TMT LPG jointly for which additional storage is included in the budget. Approval from Mangalore Port Trust authorities is awaited.
8	LPG pipeline from Uran to Pune	Laying of pipeline from Uran to Pune alongwith HPC	5.00	Laying of pipeline from Uran to Pune alongwith HPC.	DFR by HPCL has been carried out with cost of project as ₹ 309.82 crore. BPCL will participate on cost sharing basis (₹ 154.91 crore) sched-uled to be completed by March 2013.	

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Proposed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
9	LPG import facilities at Ennore	DFR for pressurized LPG import at Ennore is under formulation to study the options related to direct pumping of LPG (with booster at ETTL, 4 km from jetty) to our Goommidipoondi plant around 40 km from Ennore without LPG storage facility at Ennore Port. This project feasibility will be compared with product supplies from IPPL refrigerated import storage & associated terminalling charges for loading lorries. As the product from IPPL is refrigerated, pipeline from IPPL to Gumidipoondi plant has not been envisaged.	5.00	DFR for pressurized LPG import at Ennore is under formulation to study the options related to direct pumping of LPG (with booster at ETTL, 4 km from jetty) to our Goommidipoondi plant around 40 km from Ennore without LPG storage facility at Ennore Port. This project feasibility will be compared with product supplies from IPPL refrigerated import storage & associated terminalling charges for loading lorries. As the product from IPPL is refrigerated, pipeline from IPPL to Gumidipoondi plant has not been envisaged.		DFR is under formulation.

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
10	LPG pipeline from Mangalore to Bengaluru	For environment friendly and economic	1.00	For environment friendly and economic		
11	LPG pipeline from Dahej to Hariyala	transportation of petroleum prod-ucts	1.00	transportation of petroleum products		
12	LPG pipeline from Jamnagar to Rajkot		1.00			
13	LPG pipeline from HMEL to Bhatinda LPG plant	For environment friendly and economic	1.00	The project can be taken up only after clearance from Petroleum & Natural Gas Regulatory Board (PNGRB).		
14	LPG pipeline from Kochi Refy to Coimbatore LPG plant		1.00			

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Proposed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
15	New Product Pipelines and associated infrastructure	For environment friendly and economic transportation of petroleum products		For environment friendly and economic transportation of petroleum products		DFR under preparation.
	Kota Jobner Pipeline	The proposal envisages laying a product pipeline from Kota to Jobner (Jaipur) in Rajasthan for product placement from our own production sources, at various demand centres in Rajasthan at a competitive cost. This would also enable us to comply with Government of Rajasthan directives, (consequent to the fire incident at IOC's Sanganer depot) to relocate its existing depot at Sanganer to a safer location.	133.00	The project envisages laying of 14" dia. and 210 km long cross country pipeline from Kota to Jobner for the movement of MS/SKO/ HSD, from BPCL Mumbai Refinery / BORL upto Jobner (Jaipur).	December 2012	

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
	Kota Piyala Capacity augmentation	The project envis-ages enhancement of capacity of the Kota-Piyala section of Mumbai - Manmad - Manglia - Piyala - Bijwasan pipeline from 2.54 MMTPA to 4.4 MMTPA to evacuate products from Bina Refinery and also to meet the growing demands in the Northern Region.	100.00	To meet the increased evacuation demand of petroleum products, post commissioning of BORL refinery, the enhancement in the product flow of the Kota-Piyala section includes: i. Setting up of a pumping station at Malarna (141 kms. from Kota) ii. Setting up of a pumping station in the existing depot at Bharatpur (302 Kms. from Kota)	Mechanical Completion - June 2013	PMC awarded to M/ s.EIL in August 2011. Environment clear-ance awaited.
	Provision for proposed cross country pipeline	For environment friendly and economic transportation of petroleum products	634.00	For environment friendly and economic transportation of petroleum products		
16.	Provision for setting up of new blending plants at Uran	New blending plant at Uran	150.00	New blending plant at Uran		

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
17	Investment in Gas Pipelines	For environment friendly and economic transportation of Gas through pipelines	200.00	For environment friendly and economic transportation of Gas through pipelines		
	Sub Total (Marketing)		**1,354.00**			
	Joint Venture Projects (Investment Represents BPC's share of Equity)		2,827.00			

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
	Marketing					
18	Investment in JVC : Maharashtra Natural Gas Ltd.	To set up facilities for distribution of Compressed Natural Gas (CNG) to domestic & commercial customers through pipeline supply of CNG in the city of Pune & adjacent areas in Maharashtra except Navi Mumbai & Thane.	0.10	The project is for distribution of Compressed Natural Gas (CNG) Natural Gas (CNG) to domestic & commercial customers through pipeline in the city of Pune and installation of CNG outlets to feed the automobile sector.		For Pune, a Joint Venture Company has been incorporated on 13.1.2006 named as Maharashtra Natural Gas Ltd.for implementing the city gas project for supply of CNG in the city of Pune & adjacent areas in Maharashtra except Navi Mumbai & Thane. Three mother stations and 11 online stations started.
19	Investment in JVC : Central U.P. Gas LTd.	The project is for distribution of Compressed Natural Gas (CNG) Natural Gas (CNG) to domestic & commercial customers through pipeline in the city of Kanpur and installation of CNG outlets to feed the automobile sector.	0.10	The project is for distribution of Compressed Natural Gas (CNG) Natural Gas (CNG) to domestic & commercial customers through pipeline in the city of Kanpur and installation of CNG outlets to feed the automobile sector.		For Kanpur city gas, a JV company i.e. Central U.P. Gas Ltd. was formed in March 2005 for supply of CNG to the household and automobile sector in the city of Kanpur and nine CNG Stations have been commissioned.

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
20	Investment in the proposed JVC for City gas projects in Karnataka & Kerala	To set up facilities for distribution of Compressed Natural Gas (CNG) to domestic & commercial customers through pipelinein the Cities of Karnataka & Kerala	0.10			
21	Provision for Equity payments in probable joint ventures likely to be entered		50.00			Provision has been made for probable Joint Ventures.
22	Investment in JVC : Delhi International Airport Ltd.	BPCL participated in the Joint Venture incorporated along with IOCL and Delhi International Airport for providing Infrastructure and Hydrant Facility .at Terminal 3 at Delhi Airport	0.10		BPCL participated in the Joint Venture incorporated along with IOCL and Delhi International Airport for providing Infrastructure and Hydrant Facility .at Terminal 3 at Delhi Airport BPCL's onsite assets of Aviation SBU have been transferred to this JV which has now become operational.	

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
23	Investment in JVC : Sabarmati Gas LTd.	For supply of CNG to the household and automobile sector in the city of Gandhinagar, Mehsana and Sabarkantha districts.	0.10	A JVC between BPCL and Gujarat State Petroleum Corpn.Ltd. was incoporated on 6.6.2006.		Five CNG station has been commissioned.
24	Investment in JVC : Bharat Stars Pvt. Ltd.	For into-plane Fuelling Services at Bangalore Airport	0.10	A JVC for into-plane Fuelling Services at Bangalore Airport along with ST Airports PTE Ltd.Singapore was incorporated on 13.9.2007		
25	Investment in JVC : Matrix Bharat Marine Services Pte Ltd.	To carry out the bunker and fuel business	0.10	A JVC was incorporated in Singapore on 20th May 2008 between BPCL & Matrix Houstan affiliate of (Mabanaft GmbH &Co. K.G. Hamburg), to carry out the bunker fuel business.		

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
26	Investment in JVC :- Bharat Renewable Energy Ltd.	The project envisages plantation of Jathropa in 1 million acres of waste and fallow land which has the potential of creating 1 million jobs and 1 million tones of Bio diesel with an investment of ₹ 2000 crores in the next 10 years	3.30	The project envisages plantation of Jathropa in 1 million acres of waste and fallow land which has the potential of creating 1 million jobs and 1 million tones of Bio diesel with an investment of ₹ 2000 crores in the next 10 years		A new Joint Venture Company was incorporated in June 2008 between BPCL and BioMatrix Ltd., Hyderabad who have expertise in agri-business and Shapoorji Pallonji Co.Ltd., a leading player in the construction arena to produce and market Bio-fuel in the State of Uttar Pradesh by setting up a Bio-Diesel Value Chain including plantation of Horticulture crops such as Jathropa,Pongamia etc.

₹ in Crore

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outplay (BE) 2012-13 (Prop-osed)	Quantifiable Deliverables	Processes/ Timelines	Remarks
27	Investment in JVC - Petronet CCK Ltd., Provision for purchase of PIL share holding of 26%	Investment in equity of holding Company BPC has 26% equity in Petronet CCK Ltd.	1.00	Purchase of PIL share holding of 26% in the Company		
28	Petrochemical Complex at Kochi Refinery through JVC		240.00	Viability studies are on.		
	Sub Total (JVC)		**295.00**			
29	**Exploration and Production through Bharat Petro Resources Ltd. (BPRL)**	To implement BPCL's plans in the Exploration & Production sector.	1.157.00	BPRL will exercise all the rights acquired and perform all the obligations undertaken by BPCL under various Agreements for participation, in consortiums for Exploration & Production of petroleum, crude oil and hydrocarbons.		
	Sub Total (Exploration & Production)		**1,157.00**			
	Sub-Total (JVCs + Subsidiaries)		**1,452.00**			
	Total-II (New Schemes)		**3506.00**			
	Total		**4,479.00**			

MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL)

₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-13			Quantifiable deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources				
1	Refinery Up gradation cum Expansion Phase III and PolyPropylene Unit	1. Increase the disttilate yield by about 10% and total elimination of black oils (FO & bitumen)		4393.68		The Major units coming up under Refinery Up gradation cum Expansion - Phase III are	1. Increase the disttilate yield by about 10% and elimination of black oils (FO)	Project completion scheduled in a phased manner. CDU/VDU unit declared Mechanically completed in Oct,2011. The other units viz. DHT, Hydrogen & associated facilities scheduled for commis-sioning by Feb,2012. The com-missioning/ completion of other Units will be done in phased manner commening thereafter..	Delay in evacuation of few Project affected families, leading to non availability of encum-brance free land leading to delay in completion of Poly Propylene unit.
		2. Additional facilities to meet Euro -III / Euro IV norms for MS & HSD				1) Petro FCC - Capacity 2.2 MMTPA (PFCCU)	2. Additional facilities to meet Euro -III / Euro IV norms for MS & HSD		
		3. Supple-ment sec-ondary processing facilities like FCCU, DCU, PCU, HGU etc.				2) Delayed Coker Unit - Capacity 3 MMTPA (DCU)	3. Supplement secondary pro-cessing facilities like FCCU, DCU, PCU, HGU etc.		
		4. Capacity expansion to 15 MMTPA and create Capacity to process more sour and heavy crudes and high TAN Crude				3) Additional CDU - Capacity 3 MMTPA	4.Capacity expan-sion to 15 MMTPA and create capabil-ity to process more sour and heavy crudes and high TAN Crude		

MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL)

₹ **in Crore**

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2012-13			Quantifiable deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Resources				
						4) Associated utilities including a Hydrogen Generation unit.			
		5. Production of 440 MMTPA Polypropelene (a value added Petrochemical Product)				5) Diesel Hydro De-Sulphurisation Unit - Capacity 3.70 MMTPA	5. Production of 440 MMTPA Polypropelene (a value added Petrochemical Product)		
						6) Poly propelene Unit - Capacity 440TMTPA			
						7) Co generation Power plant 116 MW capacity. 8) Storage tanks, Sulphur Recovery Unit.			

MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL)

₹ **in Crore**

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2012-13			Quantifiable deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Resources				
2	Single Point Mooring Facility	Import of Crude through larger vessels - VLCC. Reduction in Congestion of Existing Oil Jetties and Demurrages. Opportunity to go for Cheaper Crude Oils from West Africa, Venezuela, Mexico etc		540.58		Installation of SPM facility, sub-sea pipeline, booster pumping station at landfall point and piping from storage point to Refinery	Import of crude through VLCC leading to lower freight costs and improvement to production process.	To be Mechanically completed by July, 2012	Delay in Land allotment from NMPT and delay in Environmental clearance from MoEF
3	Aromatic complex	Strategic investment through an SPV in Petro Chemical Complex to process surplus Naphtha into value added products.		1875.00		Equity contribution to acquire controlling interest in the SPV created for an Aromatic complex with a capacity of 0.92 MMT Para - Xylene & 0.27MMT of Benzene.	SPV to become a subsidiary of MRPL.	Projected completion of assessment by Nov,2012	

MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-13			Quantifiable deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources				
4	Feasibility Study of New Projects	Continous afforts to maximise production facility		8.00		N.A.	N.A.	Concurrent	
				6817.26					

Annexure II-B

(Plan)

CHENNAI PETROLEUM CORPORATION LIMITED (CPCL)

₹ in Crore

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Resources	Quantifiable deliverables	Projected Outcomes	Processes/ Timelines	Remarks
1	**Crude Oil Pipeline project**:To lay a new 42 inch dia pipeline, for 17 KM along port connectivity road from Chennai Port to CPCL - Manali Refinery at a cost of ' 126 crores.	The risk to refinery operations as a result of any possible failure of the existing 30" crude transfer line which is 40 years old will be eliminated. Further, the higher dia pipe line will result in faster transfer of crude from port to refinery.	--	--	90.80	A new reliable crude transfer line of 42" dia along Ennore Express Highway to Manali oil Refinery.	Improved reliability of operation. Higher transfer rates of crude & reduced operating time saving possible demurrages during ship transfers.	Nov'2012	* Soil investigation done. Engineering activities in progress. * Procurement for coated pipes initiated. Further financial commitments kept on hold awaiting environmental clearance.
2	**Revamp of CDU/VDU of Ref II**: To increase the capacity of Refinery- II at a cost of '334 crores.	Availability of additional value added products like LPG,Naptha, SK,HSD meeting Euro-IV fuel quality norms.	--	--	102.26	* Improved Diesel quality. * Increase in Ref-II capacity by 0.6 MMTPA (existing 3.7 MMTPA)	Additional value added products like LPG, Naptha, SK,HSD meeting latest fuel quality norms.	* Contractual completion by May'2012. * Anticipated completion by August 2012.	Enhancement of preheat for wax / OHCU feed required revision in heat loads of crude heaters / Heat Exchangers. This delayed the engineering and subsequent ordering for heat exchanger and award of contract for heater modification.scheduled on May / june 2011.

Annexure II-B

(Plan)

CHENNAI PETROLEUM CORPORATION LIMITED (CPCL) **₹ in Crore**

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Resources	Quantifiable deliverables	Projected Outcomes	Processes/ Timelines	Remarks
3	**Auto Fuel Project to meet Euro IV specification:** To install necessary facilities for meeting Euro IV specification of MS ans Diesel at a cost of '2615 crore.	Quality of MS and Diesel meeting Euro IV fuel norms	--	--	180.62	Installation of new facilities like DHDT, NHT/ISOM, SWS, HGU, DM Plant, Gas Turbine, Cooling Tower, Air compressors, N2O2 system, Tank farm, revamp of ARU and ETP	Superior MS and Diesel meeting Euro IV fuel norms	Following units commissioned NHDT / ISOM - Jan'11. DHDT - May'11. SWS - Oct'11.DM plant - Dec'11.Balance units expected to be commissioned by Feb'12	HGU mechanically complete. Commissioning by Feb'12U&O expected by Feb'12.

Annexure II-B

(Plan)

CHENNAI PETROLEUM CORPORATION LIMITED (CPCL) **₹ in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable deliverables	Projected Outcomes	Processes/ Timelines	Remarks
4	**Resid upgradation Project**:To improve distillate yield and process high sulphur bearing crudes at a cost of '3110 crore	Improve distil-late yield and process high sulphur crudes bringing in addi-tional margins.	--	--	392.00	**Coker block**: Delayed coker of 2.2 MMTPA& LPG CFC treating unit of 8.8 tons/ hr cap.**Sulphur block**: SRU, SWS and ARU**OHCU Revamp**. Associated Utilities & Offsite facilities like Gas turbine, Cooling water system, DM plant etc.	Improve overall dis-tillate yield, Capability to process high sul-phur bear-ing crudes. Earn addi-tional mar-gins.	**Phase I:** Process package made. M/ s.Jacobs awarded as PMC. DFR made and investment approval obtained in Feb 2011. Selection of contractors for LSTK 1,2 & 3 and suppliers for 6 long lead items done. **Phase II:** On approval execution of project on LSTK and EPCM basis within a duration of 33 months.	Awaiting environment clearance
5	**MREP - II - Fea-sibility Study**				**20.00**	Feasibility Study			
	Grand Total				**785.68**				

NUMALIGARH REFINERY LIMITED (NRL)

₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (BE) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
A)	**Continuing Schemes**								
1	Wax Project	Production of Paraffin and Micro-Crystalline Wax	--	209.00	--	Production of 50 TMTPA of Paraffin Wax & 4.5 TMTPA of Micro-Crystal-line Wax	The Wax Project is a value added project that would enable production of high value products.	The Wax Project is progressing as per schedule. As on 15.12.2011, overall progress of the project reached 8.1% and 24 mile-stones against scheduled 23 mile-stones were achieved. The project is sched-uled for completion by Decem-ber 2013.	--

NUMALIGARH REFINERY LIMITED (NRL) ₹ in Crore

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (BE) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
2	Joint Venture - M/s Brahmaputra Cracker & Polymer Ltd. [Assam Gas Cracker Project] [10% equity participation]	Dividend earnings besides securing a dedicated customer for petro-chemical grade Naphtha.	--	23.00	--	--	NRL has 10% equity participation in the joint venture company M/s BCPL, which is implementing the Assam Gas Cracker Project in Dibrugarh district of Assam.NRL's total equity contribution in this joint venture is estimated at ₹ 127 crores out of which, ₹ 104 crores has been paid till 31.12.2011. Completion of the project would enable NRL to secure an entry into the petrochemical sector.	Project is being imple-mented by M/s BCPL and is scheduled for comple-tion by December 2013.	--
B)	**New Schemes**								
3	Refinery Capacity Expansion from 3 to 8 / 9 MMTPA	To achieve economic scale of operations.	--	20.00	--	Enhancing refinery capacity from 3 to 8 / 9 MMTPA.	Subject to favourable report from Techno-Economic Feasibility studies being carried out, the project is planned to be implemented by NRL during the 12th Five Year Plan period.	Scheme is under feasibility study stage.	--

NUMALIGARH REFINERY LIMITED (NRL) ₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2012-13 (BE) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
4	Crude Pipeline for from Dhamra to Numaligarh.	To facilitate processing of imported crude.	--	10.00	--	Enabling trans-portation of around 5.0 MMTPA imported crude oil from Dhamra port for processing at Numaligarh Refinery.	The project is envisaged to be implemented as a linked project to the refinery expansion project.	Scheme is under feasibility study stage.	--
5	Foray into Power Genera-tion	Income from dividend earnings.	--	5.00	--	Scheme is currently under priliminary discussion stage with prospective JV partners.	The scheme envisages NRL's participation in joint ventures with M/s Asam Power Distribution Compnay Limited for pursuing power generation projects in Assam.	Scheme is under priliminary discussion stage.	--
6	Product Pipelines from Siliguri[Line Entry]	To facilitate product transporta-tion by pipeline to strategic markets from Siliguri.	--	5.00	--	--	Would provide a smooth, reliable and economical mode of product dispatch to strate-gic markets from NRL's marketing terminal at Siliguri.	Scheme is under feasibility study stage.	--
	Total			**272.00**					

Annexure II-B
(Plan)
₹ in Crore

BALMER LAWRIE & CO. LTD.

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-13			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources				
1	Engineering								
a	Infrastructure for Exports/ Imports/ Container Freight Stations	Increased Capacity/ Improved Customer satisfaction		4.00	--	New CFS/Multi-modal Logistics Hub. Expansion of facilities at Mumbai.	Increased thruput for import/ export containers.	18-24 months from the date of all approvals/ acquisition of land. completion by 31.3.2013	Acquisition of land and selection of strategic partner. Obtaining clearances from all concerned authorities.
b	Packaging Products/ Solutions for Lubricants and other similar products (Barrel Plants in various regions)	Geo-graphic expansion/ Capacity consolida-tion		25.00	--	Upgradation/ modernisation of facilities / setting up of a high throughput plant.	Improved customer satisfaction/ Increased Capacity.	Part expenditure in progress for setting up of the facility. Plant is expected to be completed by 30.6.2013.	Normal business risk.

BALMER LAWRIE & CO. LTD.

₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-13 Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
c	Investment in JVC/ Acquisition of business in the area of Travel & Tours/ Logistics Services/ Industrial Packaging/ Greases & Lubes/ Leather Chemicals	Improving market reach & adding business com-petencies		8.00	--	Inorganic growth options in Industrial Packaging, Logistics, Travel, Greases & Lubes etc.	Larger presence in the market.	Identification of target company and agreement on acquisition strategic partnership by 30.09.2012.	Reaching agreement with suitable partners.
e	Lubricating Oils, Greases and Speciality Lubricants and related services	Capacity Consolida-tion		8.00	--	Consolidation of capacity in the Western Region.	-do-	Implement-ation by 31.07.2012.	Normal business risk.
f	ERP Imple-mentation	Initiatives towards enhanced information technology		5.00	--	Technology enablement to manage the operations and get competitive advantage over the competetors.	Improved business competetiveness.	Part expenditure is towards procurement of the software Packages by 31.3.2013.	Normal business risk.

BALMER LAWRIE & CO. LTD.

₹ **in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-13			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources				
g	Others	Additions, alterations, renewals & replacement		5.00	--	Augmentation & balancing of various capacities including IT infrastructure.		By 31.3.2012	Normal business risk.
				55.00	--				

Annexure II

BIECCO LAWRIE LIMITED **₹ in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2012-13 Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
1	Engineering	Manu-facturing of 66 KV and higher capacity switchgear	3.84	8	--	Addition to more Swtichgear variants in the product range.	To sustain in market	Investment in 1st quarter of 2012-13 will yield results form last quarter of the financial year.	
2	-Do-	Manu-facturing of Francies Turbine required for Small Hydro-generation projects				New Business segment	So secure mini hydro electricity turnkey projdct business	Investment in 1st quarter of 2012-13 will yield results form last quarter of the financial year.	
3	Petroleum	Start Lubricating Oil blending operations				To blend and market at least 600 kl during 2012-13	67% increase in turnover in this segm ent	Investment in 1st quarter of 2012-13 will yield results form last quarter of the financial year.	

CHAPTER-III

New Exploration Licensing Policy (NELP)

Government of India approved the New Exploration & Licensing Policy (NELP) in 1997 and it became effective in February, 1999 Since then licenses for exploration are being awarded only through a competitive bidding system and National Oil Companies (NOCs) are required to compete on an equal footing with Indian and foreign companies to secure Petroleum Exploration Licences (PELs). Eight rounds of bids have so far been invited under NELP, in which 235 exploration blocks have been awarded. In addition, 34 exploration blocks were offered under ninth round of NELP, against which 74 bids were received by the Government for 33 exploration blocks. The award of these blocks is likely in 2012. Under NELP, 104 oil and gas discoveries in 34 blocks have already been made in Cambay onland, North East Coast and Krishna-Godavari deepwater areas. Presently, crude oil and natural gas production is being made from 3 NELP blocks, viz., 2 blocks in the State of Gujarat and another block in Krishna-Godavari basin.

The deepwater crude oil and natural gas production commenced in April 2009 from NELP block, KG-DWN-98/3 in Krishna-Godavari (KG) basin which has contributed significantly towards the hydrocarbon security of the country. The current natural gas production from this deepwater block KG-DWN-98/3 is about 39 MMSCMD and crude oil production is about 12,580 barrels per day.

In the ninth round of NELP, Government of India offered 34 exploration blocks comprising 8 deepwater, 7 shallow water and 19 onland blocks. Out of 19 onland blocks, 8 blocks are of type-S category (area less than 200 sq.km). Out of 8 deepwater blocks, 4 blocks each are located in western and eastern offshore. 7 shallow water blocks are in western offshore. Out of 19 onland blocks, 2 each in Assam, Rajasthan & Madhya Pradesh, 11 blocks in Gujarat and one each in Tripura and Uttar Pradesh.

The Government has received 74 bids for 33 blocks out of 34 exploration blocks offered under Ninth Round of New Exploration Licensing Policy (NELP-IX) bidding. The highlights of NELP IX bid round results are:

i. Bids have been received for 33 blocks with the total number of bids being 74 for 33 blocks under NELP-IX.

ii. A total of 37 companies have bid under NELP-IX.

iii. A total of 2 new foreign companies out of 8 foreign companies submitted bids under NELP-IX.

iv. 19 blocks attracted multiple bids

v. 8 S-type blocks received 26 bids.

vi. 14 blocks received single bid (5 deepwater, 5 shallow water, 4 onland).

vii. One offshore block in Mumbai basin has not received any bid.

Currently bid evaluation/scrutiny is in progress and exploration blocks are likely to be awarded in 2012.

Coal Bed Methane (CBM) Policy

Coal Bed Methane is a natural gas (Methane) adsorbed in coal and lignite seams and is an eco-friendly source of energy. Coal is both the source and reservoir rock for CBM. CBM production is done by simple depressurization and dewatering process. To harness this new source of energy in the country, the Government approved a comprehensive CBM policy in July, 1997 for exploration and production of CBM gas.

As of now, 30 CBM Blocks have been awarded through competitive international bidding under the first four rounds of CBM bidding. The blocks are being operated by technically competent companies. Prior to implementation of CBM policy, 2 blocks were awarded on nomination basis and one block through FIPB route. Thus, a total of 33 CBM exploration blocks have been awarded. CBM reserves of 8.9 TCF have already been established in 5 CBM blocks. First commercial production of CBM has commenced from July 2007. Current CBM production is about 0.23 MMSCMD.

Refining Capacity

Out of the 21 refineries operating in the country, 17 are in public sector, 3 are in private sector and one as a joint venture of BPCL & Oman Oil Company with total refining capacity of 193.386 MMTPA. Out of the 17 Public Sector refineries, 8 refineries are owned by Indian Oil Corporation Limited (IOCL), 2 refineries each by Chennai Petroleum Corporation Limited (a subsidiary of IOCL), Hindustan Petroleum Corporation Limited (HPCL) and Bharat Petroleum Corporation Limited (BPCL) and 1 refinery each by Oil and Natural Gas Corporation Limited (ONGC), Mangalore Refinery and Petrochemicals Limited (a subsidiary of ONGC), and by Numaligarh Refinery Limited (a subsidiary of BPCL). The private sector refineries belong to Reliance Industries Limited and Essar Oil Limited.

Out of total refining capacity of 193.386 MMT, 116.886 MMT is in the public sector, 6 MMT

in joint venture and the balance 70.50 MMT is in the private sector. The country is not only self-sufficient in the refining capacity for its domestic consumption but also exports petroleum products substantially.

Considering the projects under implementation and the projects at various stages, the refining capacity in India is envisaged to go up by about 20 MMTPA by the end of 11th Plan.

National Auto Fuel Policy

The Auto Fuel Policy, approved by the Cabinet in its meeting held on 3.10.2003, gave a roadmap for upgradation of the quality of auto fuels (Petrol and Diesel) to Bharat Stage (BS) IV in 13 identified cities (Delhi/NCR, Mumbai, Kolkata, Chennai, Bangalore, Hyderabad including Secunderabad, Ahmedabad, Pune, Surat, Kanpur, Agra, Solapur and Lucknow) and BS-III in the rest of the country effective from 1.4.2010. Accordingly, supply of BS-IV Petrol & Diesel commenced from 1st April, 2010 in all the 13 identified cities as per the roadmap laid down in Auto Fuel Policy. BS-III fuels were introduced in the country in a phased manner with the last phase completed on 22nd September, 2010.

Efforts are being made to progressively expand coverage of BS-IV fuels with introduction of these fuels in 50 more cities by 2015. An 'Industry Group of Officers' has been formed with representatives from IOCL, BPCL and HPCL. The Group will identify these additional cities considering the pollution levels and the vehicle population. Inclusion of all state capitals and cities with population of more than 1 crore will be emphasized while selecting the additional cities for extension of BS-IV auto fuels. In the first phase, the Group has identified the following seven cities for extension of BS-IV fuels during the year 2011-12:

Name of the city	Proposed date of introduction of BS-IV fuels
Puducherry city	01.01.2012
Mathura	01.01.2012
Vapi	01.02.2012
Jamnagar	01.02.2012
Ankaleshwar	01.03.2012
Hissar	01.03.2012
Bharatpur	01.03.2012

Issues relating to pricing and taxation of petroleum products

Recent Changes in Pricing and Taxation on Petroleum Products

Around three-fourth of domestic requirement for petroleum products in the country is met by import of crude oil. Therefore, the prices of crude oil and petroleum products in the international oil markets have a decisive influence on the domestic prices of petroleum products.

The prices of crude oil in the international market have been steadily increasing since December, 2008 (when it reached its lowest rate at $35.83/bbl), largely due to the global economic recovery and increase in demand from the emerging economies. The average price of Indian basket of crude oil during 2010-11 was $85.09 per barrel and is averaging at $ 110.01 per barrel in 2011-12 (up to 28h December, 2011).

Post de-control of the price of petrol effective 26th June, 2010, the Oil Marketing Companies (OMCs) revise the price of petrol from time-to-time in line with changes in prices of crude and petroleum products in the international market and their own commercial considerations.

However, Government continues to modulate the retail selling price of Diesel, PDS Kerosene and Domestic LPG and their prices are below the required market price, resulting in incidence of under-recoveries to OMCs. .

In view of the alarming situation arising out of projected massive under-recoveries of the OMCs during 2011-12, the Government took the following decisions effective 25th June, 2011:-

(i) Elimination of 5% Customs Duty on Crude Oil and on petroleum products by 5%.

(ii) Reduced Excise duty on Diesel by ₹ 2.60 per litre.

(iii) Minimal price increase of ₹ 3 per litre on Diesel, ₹ 2 per litre on PDS Kerosene and ₹ 50 per 14.2 kg Domestic LPG cylinder excluding State levies.

As a result, expected under-recoveries of OMCs are likely to reduce annually by about ₹ 49,225 crore.

Under-Recoveries of public sector Oil Marketing Companies (OMCs)

Public Sector Oil Marketing Companies (OMCs) have incurred an under-recovery of ₹ 97,313 crore for the period April to December, 2011. The total under-recoveries for the current financial year are expected to be ₹1,39,609 crore.

The OMCs have incurred under-recoveries owing to non-revision of selling prices in line with the prevailing international oil prices. The Government has been following a Burden Sharing Mechanism, to ensure that the burden of under-recoveries is shared among all the stakeholders; namely the Government, the Public Sector Oil Companies and the consumers in the following manner:

Government through issue of Cash Subsidy;

Domestic upstream oil companies through price discounts to OMCs;

OMCs to bear a portion of the under recoveries; and

Consumers to bear minimal price increases.

During the year 2010-11 and for the first nine months of the financial year 2011-12, the OMCs have incurred under-recoveries of ₹ 78,190 crore and ₹ 97313 crore respectively on sale of sensitive petroleum products i.e petrol (upto 25th June, 2010), diesel, PDS Kerosene and domestic LPG. The details of under-recoveries of OMCs compensated by the Government and upstream oil companies are given below:

(₹ in crore)

	2010-11	2011-12 (April-December, 2011)**
Total Under-Recovery	78,190*	97,313
Cash Assistance	41,000	30,000
(% share)	(52.4%)	(31%)
Upstream assistance so far	30297	32,437
(% share)	(39%)	
Balance borne by OMCs.	6,893	(Unmet gap) 34,875***
(% share)	(9%)	

* Under-recovery on Petrol (upto 25th June, 2010).

** Under-recovery on Diesel, PDS Kerosene and Domestic LPG.

*** Unmet gap.

These under-recoveries have adversely impacted the financial health of the OMCs. As a result, OMCs reported a combined loss of ₹ 23,440 crore in the first half of 2011-12.

Sanction of Budgetary Support: 2011-12

The Government has conveyed approval of Cash Assistance of ₹ 45,000 crore towards the share of the Government under-recoveries on sale of sensitive petroleum products during this financial year (upto December, 2011). Budgetary support of ₹ 41,000 crore in the form of cash assistance was provided to the OMCs during the financial year 2010-11 for the same. .

PDS Kerosene and Domestic LPG Subsidy Scheme, 2002

The budgetary provision for subsidy claim under the 'PDS Kerosene and Domestic LPG Subsidy Scheme, 2002' for the period 2010-11 to 2012-13 and the actual expenditure for the period 2010-11 and 2011-12 (April, 2011 to 5th December, 2011) is as under:

₹ In Crore

2010-11			2011-12			2012-13
BE	RE	Actual	BE	RE	Actual (April 2011 to 5th December 2011	BE
2900	2900	2904.20	3050	3000	1686.10	3050

Freight Subsidy (For Far-Flung Areas) Scheme, 2002

Budgetary provision for subsidy claim under the 'Freight Subsidy (For Far-Flung Areas) Scheme 2002', for the period 2010-11 to 2012-13 and the actual expenditure for the period 2010-11 and 2011-12 (April, 2011 to 5th December, 2011) is as under:

₹ In Crore

2009-10			2010-11			2011-12
BE	RE	Actual	BE	RE	Actual (April 2011 to 5th December 2011	BE
25	25	22.4	26	23	14.18	26

STRATEGIC CRUDE OIL STORAGE

Taking into account the oil security concerns of India, the Government has decided to set up a Strategic Crude Oil Storage of 5 million metric tons (MMT) at three locations in the country viz. **Visakhapatnam (1.0 MMT), Mangalore (1.5 MMT) and Padur (2.5 MMT**). The capacity of Visakhapatnam site has been enhanced to 1.33 MMT. The proposed Strategic Crude Oil Storage would be in underground rock caverns. A Special Purpose Vehicle, namely Indian Strategic Petroleum Reserve Limited (ISPRL), as a subsidiary of OIDB has been created for implementation and management of strategic storage of crude oil. Crude oil from the Reserves will be released by a Government-appointed High Powered Committee, in the event of any short-term disruptions in supplies, a natural calamity or any unforeseen global event, leading to an abnormal increase in prices. The project involves a capital cost of approximately ₹ 2763 crore and crude oil cost of approximately ₹ 2078 crore (calculated at an average crude oil cost of US$ 110/bbl and exchange rate of 1US$ = ₹ 55/-). The facility at Visakhapatnam is likely to be completed by March 2013, followed by Mangalore in end 2013 and Padur in the middle of 2014.

The **Visakhapatnam** project is being executed on 68 acres of land (38 acres belonging to Visakhapatnam Port Trust and 30 acres belonging to Eastern Naval Command). Engineers India Ltd (EIL) is the Project Management Consultant. All statutory clearances have been obtained. Underground civil works are in progress. The above-ground works are also in progress and orders for major critical equipments have been placed and construction pipe racks, ETP, and various building and facilities at site are in progress. The commissioning of the project is expected during the financial year 2012-13.

The **Mangalore** Project is being executed on the land (total 100 acres) taken from Mangalore Special Economic Zone Limited (MSEZL). Ministry of Commerce has accorded approval to ISPRL becoming a co-developer of Free Trade Warehousing Zone with MSEZL at Mangalore. Environmental clearance has been accorded by Ministry of Environment and Forests for the Project. Engineers India Limited has been engaged as the Project Management Consultant. The underground civil works are under progress and order for above ground works has also been placed Commissioning of the project is expected during the financial year 2013-14.

4. The **Padur** project is being executed on Government/private land at Padur (approx 160 acres). Land acquisition is being done through Karnataka Industrial Area Development Board (KIADB) and possession of 101 acres of private land has been handed over to ISPRL on 29.5.2010. Environmental clearances have been received and the underground civil works (Part A & Part B) were awarded to

successful bidders on 29.12.2010 and the construction activities for both parts have since been commenced. As land was handed over on 29.5.2010, this date has been made the Zero date for start of construction activities for both Part A & Part B. Lease agreement has been signed with KIADB in December 2011. Land Acquisition Officer for acquisition of Right of User for Mangalore-Padur pipeline has been notified and 3(1) notification is to be issued by Ministry. Engineers India Limited has been engaged as the Project Management Consultant. Commissioning of the project is expected by April 2014.

ETHANOL BLENDED PETROL PROGRAMME

Ministry of Petroleum & Natural Gas, vide its notification dated 20th September, 2006 directed the Oil Marketing Companies (OMCs) to sell 5% Bio-Ethanol Blended Petrol (EBP) subject to commercial viability, as per Bureau of Indian Standards specifications, in the entire country except the North-Eastern States, Jammu & Kashmir, Andaman & Nicobar Islands and Lakshdweep, with effect from 1st November, 2006.

Low availability and state-specific issues hindered the progress of the EBP Programme. Against the requirement of 180 crore litres of Ethanol for blending 5% Ethanol with Petrol during the year 2006-09.

To give a fillip to the EBP programme, the Government took a decision on 16.8.2010 that OMCs would start procuring Ethanol at an adhoc ex-factory price of ₹ 27/ litre. This price would be subject to adjustment with the final price arrived at, based on the recommendations of the Expert Committee constituted for determining formula/ principles for pricing of Ethanol. It was decided that at this declared price, the entire quantity of Ethanol made available by the manufacturers would be absorbed for the EBP Programme. A Notification to this effect has been issued on 1.9.2010 and accordingly, procurement has started and supply of 5% EBP has commenced since November 2010.

During the year 2010-11 (from 1.11.2010 to 30.09.2011), against the requirement of 105 crore litres of Ethanol in the entire notified area, 55.87 crore litres was contracted and 36.19 crore litres was supplied by the ethanol suppliers for EBP Programme. Accordingly, the programme could be implemented in 13 States and 3 UTs. For the year 2011-12, OMCs have contracted 46.97 crore litres of ethanol in 12 States against the requirement of 100.8 crore litres for EBP Programme in the entire notified area. As on 31.01.2012, 5.68 crore litres of ethanol has been procured for blending with petrol.

The Expert Committee for pricing of Ethanol has also submitted its Final Report containing its recommendations on pricing of Ethanol. The same has been submitted to the National Bio- fuel Steering Committee (NBSC) for consideration.

Bio-diesel Purchase Policy

The Ministry of Petroleum and Natural Gas has announced a Bio-diesel Purchase Policy effective from 1.1.2006. Under this scheme Oil Marketing Companies would purchase bio-diesel for blending with High Speed Diesel (HSD) to the extent of 5% at identified 20 purchase centres across the country.

In terms of National Policy on Bio-fuels, the procurement price of bio-diesel is periodically being announced by the OMCs. However, suppliers have not come forward to offer Bio-diesel at these designated purchase centres at the declared prices. As such blending of bio-diesel with High Speed Diesel could not be set in motion.

Now, the Government has notified the National Policy on Bio-fuels in December, 2009, which has laid down detailed guidelines for development of bio-diesel. The National Bio-fuel Policy has superseded the Bio-diesel Policy of MoPNG.

Pricing of Administered Pricing Mechanism (APM) Gas

The price of Administered Pricing Mechanism (APM) gas produced by ONGC & OIL has been increased from June, 2010 to the level of US$ 4.2/mmbtu less royalty which is equal to the price of gas produced under New Exploration & Licensing Policy (NELP) by NELP operators.

A subsidy at the rate of 40% of APM price is provided on sale of natural gas in North–East region. The Cabinet in its meeting held on 19.05.2010 approved the revision in price of APM gas to US $ 4.4 /mmbtu less royalty effective from June, 2010. The APM price for North–East was revised to US $ 2.52/mmbtu, with the difference being provided as subsidy to NOCs through Government budget. It was also decided to extend the scheme for subsidy to ONGC apart from OIL. During the year 2011-12, a provision of ₹ 564 crore under BE 2011-12 has been made and upto November 2011 an amount of Rs.3,43,36,42,845 has been released to ONGC and OIL for supply of natural gas in North East region.

Rajiv Gandhi Institute of Petroleum Technology (RGIPT)

In order to meet the shortfall of trained technical manpower in the petroleum sector, the Government, on 5th July 2007, decided to set up the Rajiv Gandhi Institute of Petroleum Technology

(RGIPT) at Jais, District Rae Bareli, Uttar Pradesh as an Institute of National Importance, through an Act of Parliament. The Institute is envisaged to serve as the fountainhead for the nurturing of world class technical human resources capable of serving as leaders and innovators of tomorrow in the field of Petroleum Technology and Engineering covering the entire hydrocarbon value chain.

The RGIPT Act 2007 came into force with effect from 01.06.2008. The First Statutes of RGIPT came into force with effect from 16.10.2009 to make the provision for appointment of various authorities of the Institute, their Powers, functions and responsibilities for running the Institute.

The academic sessions have been started for B.Tech. course in Reservoir Engineering and Petroleum Refining at Rae Bareli from 5.9.2008, and for MBA course in Petroleum & Energy Management at Noida from 12.9.2008. By 2015-16, when the institute will become fully functional, the programmes proposed to be introduced are seven B. Tech Programmes, two 5- year Integrated M.Sc./ MBA Programmes, two M.Sc. Programmes, twelve Master's (M.Tech / M.Sc / MBA) Programmes of 2- year duration, twelve Domain Specific PG Diploma Programmes of 1-year duration, Ph.D programmes in various areas of specialization, and continuing education programmes for working professionals.

The total expenditure proposed during the project period (2007-2016) is ₹ 695.58 crores, comprising total capital expenditure of ₹ 435.00 crores and total recurring expenditure of ₹ 260.58 crores. Of the total capital expenditure, ₹150.00 crores will be borne by the Oil Industry Development Board (OIDB). The remainder (₹ 285.00 crores) will be met with Budgetary support from the Government of India . The total estimated recurring expenditure of ₹ 260.58 crores is proposed to be met from the interest accruing on Endowment Fund of ₹ 250.00 crores which has been created with contributions from Oil Public Sector Undertakings (PSUs), and the amount raised by the Institute through its own sources.

The construction work for the main campus at Jais, Chatrapati Sahooji Maharaj Nagar (CSMN), UP on the 47.8 acres of land already in possession of RGIPT has started in August, 2010. It is expected that the Campus will be fully operation from April, 2013. As on 31.12.2011, the overall progress achieved in the construction of the main campus at Jais is approx. 29%.

Assam Centre

Hon'ble Prime Minister, during his visit to Assam on 26th August 2008 had made an announcement, for setting up of a Centre of RGIPT in the State of Assam. The primary objective of the Assam Center is to offer programmes of education and training of skilled technical manpower in the petroleum sector at the diploma and advance diploma levels.

The Board of RGIPT in its meeting held on 28.01.2009, under the provision of Clause 10 (4) of RGIPT Act, 2007 approved, in principle, the proposal for setting up of a Centre of RGIPT in the State of Assam. The expenditure amounting to ₹ 330 crore for the setting up of Assam Centre of RGIPT would be borne by Oil Industry Development Board (OIDB) and the promoting oil PSUs viz. Oil & Natural Gas Corporation (ONGC), Oil India Limited (OIL), Indian Oil Corporation (IOC), Gas Authority of India Limited (GAIL), Numaligarh Refinery (NRL) & Engineers India Limited (EIL).

The Government of Assam, vide letter dated 19.11.2009, allotted 100 (one hundred) acres of land at Village Gohain Gaon, Distt. Sibasagar to RGIPT for setting up the Centre. Hon'ble Prime Minister of India laid the foundation for the Assam Centre of RGIPT at Sibasagar, Assam on 19.02.2011. Tenders were floated for Civil & Structure work and 5 offers have been received. Evaluation of bids is in process and works shall be awarded after receipt of the Environmental Clearance / NOC from Pollution Control Board. Tendering for Site Grading works have been awarded to M/s ABCI Infrastructure Pvt. limited on 28.12.2011. It is expected that the construction works at the site shall be started very soon.

Petroleum and Natural Gas Regulatory Board

Government has set up in October 2007, the Petroleum and Natural Gas Regulatory Board (PNGRB) to regulate the refining, processing, storage, transportation, distribution, marketing and sale of petroleum, petroleum products and natural gas excluding production of crude oil and natural gas so as to protect the interests of consumers and entities engaged in specified activities relating to petroleum, petroleum products and natural gas and to ensure uninterrupted and adequate supply of petroleum, petroleum products and natural gas in all parts of the country to promote competitive markets and for matters connected therewith or incidental thereto.

The Petroleum and Natural Gas Regulatory Board Act, 2006 notified by the Government on 03.04.2006 provides for setting up of a Petroleum and Natural Gas Regulatory Board. The Act, inter-alia, provides for legal framework for downstream gas sector regulation, as also for development of natural gas pipelines and city/local distribution network.

The Act (except Section 16) was brought into force w.e.f. 01.10.2007. Section 16 has also been brought into force w.e.f. 15.07.2010. The Board is in place and is functional.

CHAPTER IV

CHAPTER IV PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS

This Chapter contains details of the Plan capital expenditure for various projects under implementation by the Oil PSUs. The projects which are listed in this Chapter are at different stages of implementation. The details in respect of these projects are incorporated in Statements I and II.

Statement-I contains details of physical and financial progress of various projects costing upto Rs. 100 crores. These projects broadly relate to Improved Oil Recovery schemes of ONGC, enhancement of pipeline network in the country by GAIL, setting up of infrastructure facilities by Oil India Ltd. (OIL), acquisition of exploration acreages abroad by OVL, setting of bottling plants by OMCs etc.

Statement-II contains details of physical and financial progress of various projects costing ₹ 100 crore and above. There are 131 major projects costing ₹ 100 crore and above at different stages of implementation by the Oil PSUs. Completion of these projects will help intensify exploration and production activities, increase refining and petrochemical capacity and enhance pipeline network in the country. Out of these 131 projects, ONGC (35) and OVL (24) followed by IOCL (25), GAIL (12), HPCL (11), CPCL (4), BPCL (7), OIL (6), NRL (4) and MRPL (3).

The Oil PSUs finalise their projects based on the economic, industrial and commercial factors governing the oil sector and market projection for future business growth available at the time for formulation of the project. The Oil PSUs themselves push for early implementation of projects where the market is ready and, similarly, the Oil PSUs go slow on projects where commercial and market conditions necessitate so.

Monitoring of major projects is done at the level of the Board of Directors of the individual Oil PSUs. Besides, the Ministry Monitoring Cell(MMC) independently monitors major projects covering all aspects from process design/basic engineering onwards right up to the completion stage. It generates a monthly report which brings out the current status of implementation of various projects along with the reasons for delay, if any. Critical areas which can impact the progress are also analyzed. In addition, the project implementation in respect of individual Oil PSUs is reviewed in the Quarterly Performance Review (QPR) meetings held under the Chairmanship of Secretary(PNG). Appropriate directions are given to the management of the Oil PSUs in these meetings for immediate remedial action, wherever considered necessary.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - I

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
1.	Creation of surface facilities at Cauvery Asset	Construction of 2 storage tanks at Narimanam GGS, 4 storage tanks at Adyakamangalam GGS and fire fighting facilities at 3 locations(KMP GGS, AKM GGS & NRM GGS)	02.07.11	31.03.12	78.94%	52.72 (17.12.08)	34.32	11.35	Nil	NA	Procure-ment is almost complete, fabrication is in progress.
2	Storage Tank Construction at Mehsana	Construction of 11 storage tanks (2 at Sobhasan GGS-II, 2 at Sobhasan old ETP, at North Kadi CTF and 4 at Mehsana CTF)	31.07.12	31.07.12	72.43%	77.78 (04.08.09)	58.94	23.12	Nil	NA	Procure-ment and construction is in progress. Fire water pump of GGS-II (Sobhasan was commis-sioned on 30.09.11. Foundation piling completed at Mehsana CTF, civil work is in progress. Foundation work is in progress at N. Kadi CTF.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
1.	IOR, Lakwa-Lakhmani	Incremental production of 3.061MMT oil and 0.36 BCM gas by 2019-20.	31.03.07	31.03.10 31.03.14	91.42%	345.10 (26.09.01)	429.38 (12.04.06) 663.69 (26.11.10)	595.83	Nil	NA	Facility is complete. Drilling of 46 wells completed out of the 51 planned wells. Drilling in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
2	IOR, Geleki	Incremental production of 4.761 MMT oil and 1.589 BCM gas by 2019-20.	31.03.07	31.03.11 31.03.17	85.33%	390.09 (26.09.01)	834.90 (26.10.05) 1674.11 (26.11.10)	1413.9	Nil	NA	Gas Compres-sor pack-age is complete, Effluent Tratment Plant is to be taken up with Assam Renewal Project-II. Drilling of 60 wells completed out of the 72 planned wells. Drilling in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
3	IOR, Rudrasagar	Incremental production of 2.507 MMT oil and 0.393 BCM gas by 2019-20.	31.03.06	31.03.09 31.03.13	76.45%	113.90 (15.09.01)	219.12 (12.04.06) 438.85 (26.11.10)	258.24	Nil	NA	Facility is complete. Drilling of 20 wells completed out of the 26 planned wells. Drilling in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
4	Integrated Develop-ment of G-1 and GS-15 Fields	Production of 0.982 MMT of oil and 5.92 BCM of gas by 2020-21	30.04.06	31.05.11 31.05.12	90.60%	429.82 (22.04.03)	1262.93 (26.03.04) 2218.01 (30.06.10)	1408.81	12	The project had time and cost overrun as the LSTK contractor (M/s CEL, Australia) defaulted in work. CEL unilaterally stopped working and abandoned the work since June 2006. The contract was terminated on 04.06.2007. Delay in proceed-ings in Mumbai High C	GS-15 field commis-sioned on 31.08.11. Drilling is complete.well completion, installation & commg. Of deepwater facility in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
5	Develop-ment of C series Fields	Gas Production of 15.14 BCM and 6.13 MMm3 of condensate by 2023-24	31.12.08 (Ph -1)	30.11.11 (Ph -1)	87.62%	3195.16 (08.08.06)	-	2520.91	37 Months	Two decks of C-39-1 & C-22 Platforms sunk into interna-tional waters on 03.02.08 during transporta-tion from Abu Dhabi to Mumbai offshore which had to be refabricated. Drilling of wells is slow compared to plan.	Well platforms commis-sioned and 8 wells completed in Phase-1. Further work in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO RS. 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (Rs. in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
6	Construc-tion of new process complex MHN in place of old BHN in Mumbai High North Field	Process platform for processsing well fluids with accommodation module, Process Gas Compressor and associated Pipelines	31.05.10	15.05.12	84.14%	2853.29 (30.01.07)	6326.40 (23.7.09)	4185.96	Nil	High quoted price leading to cancellation of tender; Subsequent splitting of tender in to 3 packages thereby preparation of three bid packages and award of work. The project had cost overrun due to increased facility cost.	Work on Process platform, Process gas Com-pressor and associated pipelines in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
7	Develop-ment of B-22 Cluster Fields	Production of 2.46 MMT of Oil, 1.13 MMT of conden-sate and 6.56 BCM of gas by 2019-20	30.09.10	15.03.12	80.08%	2323.40 (30.01.07)	2920.82 (28.8.09)	1262.64	Nil	NA	Work on well drilling in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
8	Offshore Grid Inter connectiv-ity Project (OGIP)	Installation of 81 Electrical sub-mersible pumps on 81 wells in Mumbai High spread at 26 well head platforms with power grid connectivity	31.03.12	31.03.13	56.16%	740.02 (30.01.07)	-	412.78	Nil	As per contractual terms the project has not been completed as on 31.03.10. The contractor (M/s NaftoGaz India) faced financial crunch and subse-quently NaftoGaz India and NaftoGaz of Ukraine had differences resulting in non-perfor-mance and delay.	A high power committee was formed to look into the techni-cal, finan-cial and legal issues to complete the project at the earliest.Fresh NIT issued on 29.11.11.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
9	Offshore Grid Inter con Develop-ment of B-46 Cluster Fields nectivity Project (OGIP)	Development of four small gas fields N-W of Mumbai High Field and envis-ages production of 5.27 BCM of gas and 1.68MMm3 of condensate from 2011-22	31.07.10	15.05.12	48.69%	1436.21 (07.06.07)	1456.96 (28.10.10)	353.92	Nil	NA	The project execution is depen-dent on the completion of new MHN Process complex. Work in progress for well plat-forms & pipelines.
10	Develop-ment of B-193 Cluster Fields	Development of eight Marginal fields, envisages production of 5.57 MMT of Oil, 0.75 MMT of conden-sate and 5.12 BCM of gas in 15 years (2009-24)	31.08.10	15.03.12	55.70%	3248.78 (25.06.07)	5633.44 (28.08.09)	2050.63	Nil	NA	Work for project facility under three tenders (Process Platform, Pipelines & Well Platforms) has been awarded ; work in progress

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
11	Mumbai High South Redevel-opment Ph - II	Incremental Oil production of 18.31 MMT and 2.7 BCM of gas by 2029-30	31.05.10	31.03.13	91.34%	5713.07 (03.10.07)	8813.41 (05.05.09)	6788.99	Nil	NA	Four well platforms have been commis-sioned. Process Platform under commis-sioning. 64wells have been drilled.
12	Assam Renewal Project (Group -A: Lakwa-Lakhmani & Moran CTF)	Revamping of old and aging facili-ties of Assam	16.03.13	16.03.13	33.86%	2465.15 (05.03.09)	-	398.22	Nil	NA	Work has been awarded for revamping activities. Civil works, construc-tion and pipeline laying are in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
13	LP Gas Processing and Compression Project, Rajah mundry	Creation of Processing & Compression facilities for Low pressure gas	31.10.09	31.01.12 (Ant.)	99.64%	142.00 (23.08.2007)	-	111.30	27 Months	Delay in Design Engineering & Procurement and inadequate resource mobilization for project execution / construction activities at sites by the contractor.	Regular monitoring and review meetings taken up. Balance civil, piping and electrical works & commissioning are in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
14	MNW-NF Bridge Project	Installation of MNW-NF Bridge	31.03.09	29.02.12 (Ant.)	100.00%	175.21 (03.05.08)	-	124.45	36 Months	Complica-tions during installation of the tripod resulting in abandon-ment of the same in sea.	Project completed
15	Revamp-ing of WIN Platform	Revamping of facilities at WIN Platform	31.05.10	31.05.12 (Ant.)	33.74%	333.40 (03.05.08)	837.54	113.49	20 Months	Original tender was cancelled due to high quoted price.	Tender was re-invited on 10.07.10. Work awarded on 22.02.11. Design , engineering & mobiliza-tion in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
ONGOING PROJECTS / SCHEME COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/ Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/cost overrun	Reasons for time/ cost overrun	Remedial measures taken/proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2011			
1	2	3	4	5	6	7	8	9	10	11	12
16	Additional Gas Process-ing Facility at Hazira	Creation of additonal process-ing facilities	30.04.11	31.07.12 (Ant.)	80.39%	370.11 (25.02.08)	-	120.24	8 Months	Award of work was delayed due to flood at hazira & also due to frequent queries by vendors.	LSTK work was awarded on 11.05.10. Construc-tion Work in progress.
17	Construc-tion of 12 OSVs	Replacement of old OSVs	30.09.11	31.12.12	64.23%	736.65 (25.06.07)	-	210.71	3 months	Delay in preparation of drawing, delay in procurement of steel by PSL, Shortage of skilled manpower at contractor's end Inadequate ancillary / sub-contractors at the location	Construc-tion in progress.

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1	2	3	4	5	6	7	8	9	10	11	12
18	Heera Recon-struction	Revamping/ Replacement of processing equipment at Platforms of Heera field	30.04.10	31.03.12 (Ant.)	99.26%	475.02 (03.05.08)	706.7 (05.03.09)	668.00	20 Months	Work was awarded along with revamping work for Neelam with combined completion by Apr.'2011.	Revamping work in progress.

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1	2	3	4	5	6	7	8	9	10	11	12
19	Neelam Recon-struction	Revamping/ Replacement of processing equipment at Platforms of Neelam field	30.04.11	31.12.11 (Ant.)	96.83%	305.08 (03.05.08)	-	279.30	8 Months	Project was clubbed with Heera Reconstruc-tion for tendering purpose and work was awarded to consortium of M/s Essar and M/s IOEC on 31.01.09 with combined completion of April'2011. However, project is delayed due to delay in carrying out revamping jobs an	Revamping work in progress.

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1	2	3	4	5	6	7	8	9	10	11	12
20	Additional Gas Process-ing Facility at Uran	Creation of additonal gas processing facilities	31.12.11	31.01.13 (Ant.)	58.42%	1797.35 (30.10.2008)	-	98.77	12 Months	Award of work was delayed due to frequent queries by vendors.	LSTK work was awarded on 19.08.10. Construc-tion works in progress.
21	Mumbai High North Redevel-opment Ph - II	Incremental production of 17.35 MMT of Oil & 2.98 BCM gas	30.09.12	30.09.12	59.61%	7133.39 (28.01.09)	-	2743.4	Nil	NA	Work on well plat-forms and pipelines is in progress. 21 wells have been drilled.
22	Up-gradation of Konaban GGS and Pipeline Grid Project, Tripura	Upgradation of gas processing facility at Konaban GGS to 1.5 MMSCMD	16.08.12	16.08.12	56.64%	288.04 (28.07.08)	-	131.65	Nil	NA	Manufactur-ing of pipelines and con-struction activities are in progress.

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1	2	3	4	5	6	7	8	9	10	11	12
23	Construc-tion of six Effluent Treatment Plants (ETP), at Ahmedabad and Ankleshwar	Construction of six Effluent Treatment Plants (ETP), at Ahmedabad and Ankleswar Assets	30.09.12	30.09.12	23.45%	317.64 (04.03.09)	-	23.44	Nil	NA	Work has been awarded. Planning package finalised. Engineering , procure-ment & site works are in progress.
24	Sonamura GGS and Pipeline Project, Tripura	Creation of Sonamura gas processing facility and Gas pipeline to Monarchak and pipeline from Baramura to Agartala Dome	31.03.13	31.03.13	20.19%	132.73 (17.02.10)	-	18.55	Nil	NA	Work has been awarded. Coinstruction & pipeline works under progress.

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1	2	3	4	5	6	7	8	9	10	11	12
25	Construc-tion of one ETP & three ETP cum WIPs at Assam	Construction of one ETP & three ETP cum WIPs at Assam	31.01.14	31.01.14	2.08%	202.94 (16.06.10)	-	-	Nil	NA	Site survey completed; planning package under review; LOI placed for several items.
26	North Tapti Gas field Develop-ment	Gas Production of 4.116 BCM in 10 years	31.03.11	15.05.11	81.35%	589.70 (28.07.08)	755.76 (21.01.10)	530.44	7 months	NA	Well platforms installed' drilling in progress.1 well com-pleted.
27	Additional Develop-ment of D-1 field	Incremental crude oil production of 8.296 MMT by 2024-25	09.06.12	30.06.12	43.10%	2163.65 (21.01.10)	-	612.54	Nil	NA	Well platforms fabrication ,transporta-tion & installation in progress.

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1	2	3	4	5	6	7	8	9	10	11	12
28	Development of Cluster -7 fields	Production of 9.73 MMT of Crude oil and condensate and 4.52 BCM of Gas over a period of 16 years	31.03.13	31.03.13	Post-award planning activities in progress	3241.03 (25.03.10)	-	1.5	Nil	NA	NOA placed for well platform & pipe lines. Engineering activities in progress.
29	Development of WO-16 Cluster fields	Production of 2.83 MMT of Crude oil and condensate and 8.58 BCM of Gas by 2025-26	31.01.14	31.01.14	Post-award planning activities in progress	2523.00 (30.06.10)	-	-	Nil	NA	NOA placed for two packages on 21.12.11 and 23.11.11.Engineering activities in progress.
30	Development of BHE and BH-35 Area	Production of 0.422 MMT of Crude oil and condensate and 0.529 BCM of Gas over a period of 8 years	31.03.13	31.03.13	Post-award planning activities in progress	372.11 (26.08.10)	-	-	Nil	NA	Engineering activities in progress.

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1	2	3	4	5	6	7	8	9	10	11	12
31	Construc-tion of One Multipur-pose Support Vessel	Construction of One Multipurpose Support Vessel	31.03.13	31.03.13	-	723.64 (26.11.10)	-	Nil	Nil	NA	Design & engineering fianlized. Pre-award activities in progress
32	Construc-tion of 23 Immediate Support Vessels (ISVs)	Construction of 23 Immediate Support Vessels(ISVs)	31.08.13	31.08.13	-	331.20 (21.01.10)	-	Nil	Nil	NA	Pre-award activities in progress
33	102MW Wind Power project	Construction of 102MW Wind Power project at Rajasthan	30.06.2012	30.06.2012	-	1106 (19.07.10)	-	-	Nil	NA	NIT issued on 11.02.2011. Pre-bid replies made, revised bid doc. under sale.

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1	2	3	4	5	6	7	8	9	10	11	12
34	Develop-ment of SB-14 Field	Project envisages production of 1.641CM of gas and 0.197MMm3 of condensate by 2025	30.11.12	30.11.12	Post-award planning activities in progress	410.44 (28.01.11)	-	-	Nil	NA	NOA placed for two packages on 21.12.11 and 23.11.11.En-gineering activities in progress.
35	Conver-sion of Sager Samrat to Mobile Offshore Production Unit (MOPU)	Conversion of Sager Samrat to Mobile Offshore Production Unit (MOPU)	31.05.13	31.05.13	Post-award planning activities in progress	861.79 (14.03.11)	-	Nil	Nil	NA	NOA issued on 17.11.11.

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Status as on: January, 2012

Sl. No.	Name of the Project/Scheme	Objective of the Scheme	Physical Progress			Financial Progress			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed Remarks
			Original Date of Commission-ing/Approval	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11\1	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.11 in ₹/Cr. (Prov.)			
1	Block 8, Iraq	Exploration	15.05.04	To be completed in phases of exploratory development & production	Re-Negotiations after Force Majeure	15 (15.5.2001)	NA	4. 87	Project was under Force Majeure since 02.04.2003		
2	RC-8 Colombia	Exploration	30.11.2007 (Acquisition date)	Nov 29, 2013	3D seismic survey is in progress	7.1	7.1	10.96	NA	NA	Drilling of one well will be decided based on results of G&G studies
3	RC-9 Colombia	Exploration	30.11.2007 (Acquisition date)	Nov 29, 2012	Data API in progress	8.26	8.26	16.54	NA	NA	Operator plans to drill a well towards end 2013
4	RC-10 Colombia	Exploration	30.11.2007 (Acquisition date)	Nov 29, 2012	3D seismic survey is in progress	8.6	8.6	16.51	NA	NA	Drilling of one well will be decided based on results of G&G studies

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PHYSICAL AND FINANCIAL PERFORMANCE OF VARIOUS PROJECTS/SCHEMES COSTING UPTO ₹ 100 CRORE

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			Original Date of Commission-ing/Approval	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.1\1	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.11 in ₹/Cr. (Prov.)			
5	SSJN-7, Colombia	Exploration	24.12.2008 (Acquisition date)	Exploration phase	Data acquisition in progress	18.6	18.6	15.38	NIL	NA	One well to be drilled
6	CPO-5, Colombia	Exploration	26.12.2008 (Acquisition date)	Exploration phase	Preparation for drilling of two wells in 2012is in progress	34.2	34.2	92.18	NIL	NA	
7	BM-ES-42, Brazil	Exploration	12/03/2008 (Acquisition date)	Exploration phase	Data API completed	145	145	69.59	NIL	NA	Efforts being made to farm out suitable PI
8	BM-S-74, Brazil	Exploration	12/03/2008 (Acquisition date)	Exploration phase	Drilling of commitment well concluded	40	40	49.79	NIL	NA	Waiting for post drill evaluation
9	BM-SEAL-4, Brazil	Exploration	04/06/2007 (Acquisition date)	Exploration phase	Data API completed	60	60	10.98	NIL	NA	One well to be drilled

Drilling of one well will be decided based on results of G&G studies

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			Original Date of Commission-ing	Revised /Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.11	Latest Original cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.11 in ₹/Cr. (Prov.)			
1	Block 06.1 Vietnam	Production of condensate and Gas under PSA	31.10.2002	Project is in production phase	Asset producing Gas & Condensate	228 (23.8.2001)	377.46 (9.10.2009)	1,517.92	NA	NA	Gas Sales to Petro Vietnam started in Jan 2003. Phase-III Lan-Do development is in progress.
2	GNOP, Sudan	Exploration and Production of Oil and Gas	12.03.03	Project is in production phase	Asset producing crude oil	750 (28.10.2002)	720 (20.11.2002)	8,670.10	Nil	NA	Under Production
3	5A, Sudan	Exploration and Production of Oil and Gas	31.1.2006	Project is in production phase	Asset producing crude oil	128 (28.8.03)	275 (13.9.05)	1,952.68	Nil	For develop-ment and to meet exploration expenditure	Under Production
4	Sakhalin-I, Russia	E&P of oil and Gas under PSA	2006-Domestic Gas sales, October 20, 2005-Oil production	Project is in production phase	Asset producing Crude oil & gas	1700 (15.1.2001)	2770 (28.2.2005)	21,323.68			Under Production

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			Original Date of Commission-ing	Revised /Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.11	Latest Original cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.11 in ₹/Cr. (Prov.)			
5	Imperial Energy, Russia	Exploration & Production of oil and gas	13/01/2009 (Acquisition)	Producing asset	Production phase	3600 (26.8.2008)	3600	12,401.88	Nil	NA	Producing oil
6	Al- Furat, Syria	Exploration and Production of Oil & Gas under PSA	31.01.2006	Project is in production phase	Asset produc-ing Crude oil & gas	219.92	219.92	1,269.03	Nil	Nil	Under Production.
7	MECL, Colombia	Exploration and Production of Oil & Gas under PSA	20.09.2006	Project is in production phase	Asset produc-ing Crude oil	437.5 (17.8.2006)	437.5 (17.8.2006)	3,989.18	Nil	Nil	Under Production
8	PIVSA Venezuela	Exploration & Production of oil and gas under PSA	10/04/2008	Production phase	Producing Oil	356 (12.03.08)	356 (12.03.08)	1,057.87	Nil	NA	Producing oil
9	BC 10, Brazil	Exploration and produc-tion of oil and gas	Sept. 2009	12.7.2009	Producing Oil	548 (Acquisition-170.31)	548 (30.11.09)	3,078.01	NA	NA	Phase –II Development in progress.

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			Original Date of Commission-ing	Revised /Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.11	Latest Original cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.11 in ₹/Cr. (Prov.)			
10 & 11	Block A-I Myanmar	Production of Gas from A1& A3 Blocks and sending them to Myanmar – China gas pipeline for sale	01-05-13	-	Batch drilling of 4Dev wells completed. Fabrication jobs for Offshore platform & pipeline in progress. For Onshore pipeline all main procure-ment and services contracts have been awarded. EPC contracts for pipeline laying have com-menced on schedule.	1006.40	1006.40	669.25	Nil	Nil	Development in progress.
	Block A-3 Myanmar		01-05-13	-				470.66	Nil	NA	
	Offshore Mid-stream Pipeline, Pipeco-1, Myanmar		01-05-13	-				139.31	Nil	Nil	
	Onshore Mid-stream Pipeline, Pipeco-2, Myanmar		01-05-13	-				116.65	Nil	NA	
12	Carabobo-1, Venezu-ela	Exploration, Development and production of oil and gas under PSA.	2013-14		Development work in progress.	1333 (31.03.10)	1333 (31.03.10)	520.00	NA	NA	Under Development

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			Original Date of Commission-ing	Revised /Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.11	Latest Original cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.11 in ₹/Cr. (Prov.)			
13	Iran, Farsi Block	Exploration & Development under Service Contract.	25.12.2002		Revised MDP submitted to IOOC. DSC negotiation is in progress.	27 (14.5.02)	38 (21.05.10)	158.78	Nil	NA	Third round of negotiation took place
14	Block 128, Vietnam	Exploration & Production	24.05.2006		Blocks under exploration	85.98	85.98	218.28	Nil	Nil	Exploratory Phase-1
15	Blocks 25 to 29 and 36, Cuba	Exploration & Production	18.09.12	18.09.12	Data acquisition, processing & interpretation concluded.	32	60.81 (December 2010)	146.57	Expl sub-period ex tended.	Complication in rig mobilisation due to US Embargo.	Operator has planned drilling of one well in 2012 and 2nd location under finalization for drilling.
16	Blocks 34 & 35, Cuba	Exploration & Production of oil and gas under PSA		12.09.2012	Data acquisi-tion, process-ing & interpre-tation con-cluded.	12 (2006)	47.00 (2010)	207.53	Explo-ration sub-period - ex-tended	Cascading delay in 3D seismic data API. Cost overrun due to enhanced 3D Coverage.	Effort being made to farm out suitable PI

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Sl. No.	Name of the Project/Scheme	Objective of the Scheme	Physical Progress			Financial Progress			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed Remarks
			Original Date of Commission-ing	Revised /Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.11	Latest Original cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.11 in ₹/Cr. (Prov.)			
17	OPL 279 Nigeria	Exploration & Production of oil and gas under PSA		22.02.12 (Last date Ph-1)	Data API and one well drilling concluded	44.63 (5.01.07)	195 (27.01.10)	404.53	Nil	NA	Recom-mended for relinquish-ment.
18	. OPL 285, Nigeria	Exploration & Production of oil and gas under PSA		22.02.12 (Last date Ph-1)	Data API and one well drilling concluded	35.41 (5.01.07)	164 (27.01.10)	254.75	Nil	NA	Decided to enter 2nd phase of Expl if downstream obligations are waived out.
19	Block 43, Libya	Exploration & Production of oil and gas		Exploration phase	Data AP concluded and interpreta-tion in progress	75 (5.01.07)	75 (5.01.07)	176.75	Nil	NA	Force Majeure wef. 26.02.2011
20	BM-S-73 Brazil	Exploration Block		Exploration phase	One well is drilled.	137(7.07.08)	137 (7.07.08)	598.17	Nil	NA	
21	BM-BAR-1	Exploration Block		Exploration phase	One well is planned for drilling.	60 (22.01.09)	60 (22.01.09)	244.32	Nil	NA	Sought extension of license upto August'12

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			Original Date of Commission-ing	Revised /Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.11	Latest Original cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.11 in ₹/Cr. (Prov.)			
22	Block 24, Syria	Exploration & Production of oil and gas			Under Appraisal/ extended production testing phase	4.95	75	298.35	Nil	NA	Discovered oïl and under Appraisal stage
23	Sudan Pipeline	Engineering Project						695.25			Completed in August 2005
24	Satpayev Block, Kazakhstan	Exploration & Production of oil and gas under PSA		Exploration phase	Data acquisition in progress	400	400	479.59	Nil	NA	Exploration phase

STATEMENT-I

OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF MAJOR PROJECT/SCHEMES COSTING UPTO ₹ 100.00 CORES

Sl. No.	Name of the Project	EDC Original/ revised	Physical Progress	Actual Expenditure (₹. Cr.)
1	Bhogpara OCS (₹ 31.79 cr.)	31-12-2007/ 16/07/2012	OCS PIPING (6105727/DCO/AG)a) LOA issued to Contractor M/s Mech Technik, Ghy on 22.08.2011b) Work Order & Labour Clearance Advice issued to Commence work from 19.09.2011.c) Work under progress. Date of completion 21.05.2012OCS TANKS(DCO6105768/KB)a) LOA issued to M/s Deepak Construction Company, Tinsukia on 10.09.2011. Work order issued on 05.12.2011.b) b) Construction of Tank foundations in progress.	9.92 Cr.
2	16" X 37 km Gas Pipeline from Baghjan to W/50. (₹ 78.51 cr.)	29-12-2009 / 28-02-2010/ 31-03-2011	OIL/CCO/PP/IND/245/2009 a) Land – Combined, 8" crude oil line i.e. 500 Bighas. Out of the total 38 KM track 14.409 of track land acquired. b) Land cost including surface compensation= INR 1800.00 Lakhs (ROW width = 18.0 mtrs.) c) Materials cost – INR 17,17,62,000.00 (approx.) d) Construction cost – INR 21,52,29,000.00(approx.) e) Award of contract – The entire work is segmented into four parts and LOA's issued to all in May, 2011. Waiting for ROW / EC / DGMS approvals etc.	6.15 cr as on 24.01.2012
3	16"X20 km Gas pipeline from Chabua to W-50. (₹ 30.00 cr)	28-02-2010/ 31-03-2011	OIL/CCO/PP/IND/244/2009 a) Land – 200 Bighas. Segment-A: already been released. Segment-B :700 meteres held up in Madhuban T.E area b) Award of contract : LOA has been issued to two parties Segment – A INR 4,63,53,314.90 (M/s Bordubi Engineering) : Segment – B INR 4,15,88,669.00 (M/s P. Das & Co) c) Both the contract work started from 12.02.2011. Work Completion:- Segment A 100%, Segment B 80%	21.19as on 24.01,2012

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF MAJOR PROJECT/SCHEMES COSTING UPTO ₹ 100.00 CORES

Sl. No.	Name of the Project	EDC Original/ revised	Physical Progress	Actual Expenditure (Rs. Cr.)
4	8"X42 km long crude oil pipeline from Baghjan to STF. (₹ 36.00 cr.)	29-12-2009 /28-02-2010 /31-03/2011	OIL/CCO/PP/IND/245/2009 a) Land – Combined, 16" gas line i.e. 500 Bighas. Land for ROW is not yet acquired. b) Land cost including surface compensation= INR 1000.00 Lakhs (ROW width = 18.0 mtrs.) c) Materials cost – INR 9,77,28,000.00(approx.) d) Construction cost – INR 11,28,64,000.00(approx.) e) Award of contract The entire work is segmented into four parts and LOA's issued to all in May, 2011. Waiting for ROW/EC /DGMS approvals etc	₹ 0.44 Cr.as on 24.01.2012
5	Makum EPS : ₹ 20.45 lakh Special sanctioned amount received from GMP (O) vide PDN:O:2/19/5.04-09 dt. 09.06.2009. Revised budget of ₹ 35.40 Crores approved by CBC on 24/05/2011 ₹ 81.66 Cr approved on 23.03.2009	31.10.12	a) Obtaining EC by P(O) in progress . b) CEPO (NF&P) have requested for incorporation of wet crude handling facilites in the EPS and the budgetary estimate for the same was worked out and forwarded to GMP(O) for further processing. c) Obtaining DGMS permission is in progress. d) No progress of Civil jobs. e) Technical Bid for construction of EPS opened on 04.11.2011 f) Priced Bid opened on 14.12.2011. Contract not yet awarded.	₹ 2.41 Cr. as on 24.01.2012

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF MAJOR PROJECT/SCHEMES COSTING UPTO ₹ 100.00 CORES

Sl. No.	Name of the Project	EDC Original/ revised	Physical Progress	Actual Expenditure (Rs. Cr.)
6	BAREKURI OCS 81.66 Approved on 23.03.2009 PI.08ASPO.133 ₹143.06Lakhs (Budget for Land) PI.08ASPO.145 ₹227.08Lakhs (Budget for B/Wall)	31.08.2013 (Anticipated)	a) Environmental clearance - P (Oil) is on the job. b) Boundary wall - Construction in progress except the disputed segment.Head-Admin is on the job. c) Contract Formulation (EPMC) - Formulation of EPMC Contract is nearing completion. Preparation of Internal Estimate is in final stage. d) Statutory approval - DGMS, APCB, Legal Meteorological deptt. IBR, Ministry of communication-approval will be done by the EPMC / EPC contractor. Only statutory fees will be paid by OIL. Environment Clearance received in January, 2011. e) Execution & commissioning of the OCS by the EPC/ LSTK is 20 months from the date of issue of LOA. EDC – 31.08.2013.	₹ 0.05 Cr. as on 24.01,2012
7	TWO NOS. FLOATING EPS 23.06		a) Budget for 2 nos. EPS were approved for construction of EPS on urgent basis as and where required. Procurement of 90% materials are complete. b)Materials already procured for one EPS will be diverted to Makum EPS – 2	₹ 7.57 Cr. as on 24.01,2012
8	GGS In Kushijan And Jorajan Area Including 400 Mm Nb X 11 Km. And 300 Mm Nb 20.5 Km. Long Gas Pipeline For Transportation Of Gas To Gas Delivery Terminals Near Duliajan. 34.70	31.12.2006/ FGGS-Kusijan - 12/09/2008 FGGS-JJN W/336-25/ 08/2007	Both FGGS has been commissioned . Electrical procurement is in progress and committement against old purchase order for indirect bath heaters which are under litigation. After clearance of above the budget to be close.	₹ 24.11 Cr. as on 24.01,2012

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF MAJOR PROJECT/SCHEMES COSTING UPTO ₹ 100.00 CORES

Sl. No.	Name of the Project	EDC Original/ revised	Physical Progress	Actual Expenditure (Rs. Cr.)
9	Revamping Of Ocs-1, 2, 3, 4, 6, Kathalguri, Nagajan, Jorajan & Ushapur For Production Of Gas Wells. 23.40	31.12.2006/ 31.12.2008	Majority revamping job for OCSs has been completed. Electrical procurement is in progress and committement against old purchase order for indirect bath heaters which are under litigation. After clearance of above the budget to be close.	l ₹ 11.53 Cr. as on 24.01,2012
10	400 Mm Nb Gas Transmission Line (Including Hdd River Crossing) From Baghjan Field To Ggs At W/50 And Off-Take Point. 78.51	31.12.2010/ 31.03.12	i) Land acquisition: 89% of land ready for possession. Total 39%s track acquired, 45% payment made for surface compensation, remaining 16% is under negotiation ii) Materials: All materials received at site. iii) Statutory Clearances: DGMS: application sent on 15/11/2011 iv) Environmental Clearance not obtained v) Contract: LOA issued for construction of 40Kms X400 mm pipeline.	₹ 6.15 Cr. as on 24.01,2012
11	400 Mm Nb Gas Pipeline From Chabua To W/50 30.00	31.12.2010/ 31.03.12	i) Land: 98% released, ii) Materials: All materials received at site, iii) Statutory Clearances: All clearance except Environmental Clearance obtained, iv) Contract: LOA issued for construction of 400mmOD X 20Km –job completed 90%, v) Railway crossing, PWD road crossing & river crossing can be completed after harvesting.	₹ 21.19 Cr. as on 24.01,2012

STATEMENT-I

OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF MAJOR PROJECT/SCHEMES COSTING UPTO ₹ 100.00 CORES

Sl. No.	Name of the Project	EDC Original/ revised	Physical Progress	Actual Expenditure (Rs. Cr.)
12	Construction Of GCS At Dikom 48.23		Surface compensation paid & procurement of equipment is in progress. Problem in land acquisition awaiting for land acquisition for starting the civil jobs.	₹ 1.91 Cr. as on 24.01,2012
13	Replacement Of Gas Compressor Packages = 6 Nos 28.80		Draft PR are ready and will be raised immediately after commissioning of recently delivered 10 Nos. packages.	Nil
14	Construction Of GCS at Makum 26.07		Budget approval for procurement of 48 Bigha of land obtained. Advice will be sent to Head-Land for procurement. However procurement of equipments are in progress.	Nil
15	Construction of 13 segments of pipelines. 48.74		Materials: SEGMENT-1 (10"X14 KM from NKF to Bhekulajan):PR No. 1608776 Land: Survey is in progress for 2 segments carried out by SECON Pvt Ltd. Remaining segments will be laid in the existing ROW. Contracts: Joint recce carried out on 4/8/11 for identification of existing ROW. Pipieline-Fields has been advised to carry out the job vide Ref.No.:PDN:G:24/ 14(I)-1045 dated 14/09/2011 with all the details.	Nil
16	Refurbishment & up gradation of E1400(S2) Rig 22.22	Mrch-2012		₹13.56 crore

STATEMENT-I

OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF MAJOR PROJECT/SCHEMES COSTING UPTO ₹ 100.00 CORES

Sl. No.	Name of the Project	EDC Original/ revised	Physical Progress	Actual Expenditure (₹Cr.)
19	750 HP Mobile Rig with accessories 70.00		Technical evaluation of the offers completed.	Expenditure NIL
20	Mounded LPG Bullet 36.1883		Progress is 100%. Expenditure incurred ₹ 35.45 crore. Waiting for license to commission.	₹ 35.45 Cr. as on 24.01,2012
21	High Performance Computing System for Seismic Data Processing 30.00		PR rose. Proposal for BEC/BRC to be put up by Material Department for Management approval	NIL
22	LP Gas Compressor Packages For Flare Reduction = 5 NOS. 12.00		The entire job are completed. There are some minor commitments due to Purchase orders . Some of them PO are completed but remaining commitments cannot be removed in the ERP. Informed to HEAD-Materials for short closing.	₹ 1.07 Cr. as on 24.01,2012
23	200 MM & 300 MM Gas Pipeline For Evacuation Of Gas From North Chandmari Area And Debottlenecking Of Hapjan-Nagajan Sector 12.5 Km & 9 Km. Respectively 30.00	31.12.2010/ Mrch-2012	i) Land: 98% released, ii) Materials: All materials received at site, iii) Statutory Clearances: All clearance except Environmental Clearance obtained, iv) Contract: LOA issued for construction of 400mmOD X 20Km –job completed 90%, v) Rly. crossing, PWD road crossing & river crossing can be completed after harvesting.	₹ 10.12 Cr. as on 24.01,2012

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF MAJOR PROJECT/SCHEMES COSTING UPTO ₹ 100.00 CORES

Sl. No.	Name of the Project	EDC Original/ revised	Physical Progress	Actual Expenditure (₹ Cr.)
24	Laying of 100 mm NB API 5L Gr. X-60 Gas Flow -30 KM 15.00		This budget is utilised as and when required in the fields by Pipeline -Fields department as per the requisition sent for well flowline requirement .	₹ 1.03 Cr. as on 24.01,2012
25	Cased-hole Logging unit with Logging Tools and accessories : (Replace-ment of Logging Unit OIL-5507) Qty. : 1 No. 15.03	September, 2011/ February, 2012	Shipped from Houston, USA on 24/02/2011Two Cased hole Logging Units arrived at Duliajan on 15/05/2011Installation & Commissioning by Engineers from M/s. Artex, USA, partly completed (from 18/06/2011 to 06/08/2011).Remaining / left out commissioning job will start from 11/01/2011. Anticipated date of Completion : February, 2012	₹ 0.47 Cr.as on 24.01,2012
26	Cased-hole Logging unit with Logging Tools and accessories: (Replace-ment of Logging Unit OIL-5509) Qty.: 1 No. ₹15.03 cr	September, 2011/ February, 2012	Shipped from Houston, USA on 24/02/2011Two Cased hole Logging Units arrived at Duliajan on 15/05/2011Installation & Commissioning by Engineers from M/s. Artex, USA, partly completed (from 18/06/2011 to 06/08/2011).Remaining / left out commissioning job will start from 11/01/2011. Anticipated date of Completion : February, 2012	₹ 0.38 Cr. as on 24.01,2012
27	Procurement of DLL/ MSFL tool string & operational accessories –1 set (Replacement) 12.21 cr	31/12/2012/ 30.09.2012	Tender No. DFD9290L11/06 dtd. 31/08/2010 P.O. 7950683/DFD/L6 dtd 12/08/2011 (for materials only) & 7904965/DFD/L6 dtd 12/08/2011 (for Installation & Commissioning) placed.	Nil

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS MAJOR PROJECTS / SCHEMES COSTING ₹ 100.00 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.11			
1	Purchase of Two (2) No. of 2000 HP Drilling Rig	Procurement & Commissioning to Augment Drilling	EDC: (a) Final-isation of Specification : 02.03.2010 (b) Board approval of specification 07.10.2010 (c) Placement of Order: 27.10.2010 (d) Delivery: 24.04.2011 (e) Inspection: 03.05.2011 (f) Comm-ission : 28.09.2011	--	. Technical evaluation of the offers completed.	₹ 270 Cr18.11.2009	--	Nil	--	--	--

STATEMENT - II

OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS MAJOR PROJECTS / SCHEMES COSTING ₹ 100.00 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.11			
2	Gas Turbine Gen set of 20 MW capacity for Power Station at Duliajan, Assam : 1 no.	Phasing out of the existing ageing Gas Turbines and Capacity augmentation to meet growing load demand	September2009	Jun-12	Manufacturing of major items like Generator, Gas turbine, Unit Ratio Transformer, Gas Booster compressors, GBC Motors, Power transformers & Control panels have been completed by BHEL and have been delivered at site. Indenting / ordering / manufacturing of balance equipment are in progress by BHEL.	98.6615(Mar 2005)	Project Cost Revised. To Rs 216.88 cr 18.07. 2009	Expenditure up to 24/ 01/2012 Rs. 86.88	Time over run: 34 months. Cost over run by 118.22 Cr	Reasons for time over-run:i) 3 times Time extension taken for bid opening date. ii) Prolonged time taken by M/s BHEL to close all technical points/ clarifications.iii) Long time taken for price negotiations (3 times) at different levels.iv) Procedural delays in getting approvals on various matters at different levels	M/s BHEL has been asked to reduce their proposed project completion period.

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS MAJOR PROJECTS / SCHEMES COSTING ₹ 100.00 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost ₹ Cr.(Date of Approval)	Revised Cost ₹ Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.11			
3	Central Gas Gathering Station and Offtake Point (CGGS & OTP) - Madhuban (near W-50)	To collect natural gas produced at different production centres at a single point; supply gas containing at least 7% C2+ components to BCPL (Brahmaputra Cracker and Polymer Limited); receive the returned gas from BCPL and distribute lean gas to various external (existing and new) and internal consumers.	03/01/2012	02/01/2013	1)Construction: in progress under EPC Contract No.OIL/CCO/ PDNG / GLOBAL/ 215 / 2008. Overall progress as on 25.12.2011 was 40.77% (For FGS-Chabua &CGGS&OTP - Madhuban).2) OIL's Jobs : Construction of boundary wall : completed.Earth filling : Completion percentages against contract no are given below - Contract no. 6102883 & 6102884 : around 80% completed 6104279 :	Rs.144.02 Crores (29/08/08)	NA	Expenditure up to 24/ 01/2012 : ₹ 41.18	Around 12 months	(i) Delay due to change required to be carried out in BRC/BEC to invite wider participation. (ii) Delay in selection of LSTK contractor.	

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS MAJOR PROJECTS / SCHEMES COSTING ₹100.00 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost ₹ Cr.(Date of Approval)	Revised Cost ₹ Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.11			
					around 50% completed Misc contract for 3000 sq m : Job completedAction has been initiated for earth filling in rest of the areas.						
4	Construction of 6 nos. Pipelines :- A) CGGS & OTP -W/ 50 to LPG OTP : 3 nos.; (B) CGGS & OTP-W / 50 to NKF : 2 nos.; (C) Bhogpara to Wilton : 1 no.	3 Nos. Pipelines from W/50 to LPG OTP : Out of these 3 PLs - 2 PLs will be utilized to transport ethane rich gas from upstream and downstream of LPG Plant to CGGS&OTP (to be constructed at W/50).	March, 2011	-	i) Land: Land acquisition for 5 pipelines: Cheques ready for payment of 80% of the ROW. Route falling in Bijlibari TE and M/s ATTPA is under negotiation. ii) Statutory Clearances: All clearance except Environmental Clearance obtainediii)	₹ 125.27 Crores (23/03/ 2009)	NA	Expendi-ture up to 24/01/2012 : Rs. 1.24	-	Land acquisition is encountering various resistance from various sections of people & organization in the locality.	

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS MAJOR PROJECTS / SCHEMES COSTING ₹ 100.00 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost ₹ Cr.(Date of Approval)	Revised Cost ₹ Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.11			
		The third PL will be used to transport lean gas to internal as well as external consumers (like AGCL, BVFCL, ASEB etc.). 2 Nos. Pipelines from CGGS&OTP-W/50 to NKF: One of this line will be utilized to transport part of rich gas coming from Dikom end to CGGS&OTP-W/50. The other line will be used to transport lean gas to consumers at Dikom end and Shalmari end.			Material procurement : 600mm valves - Order						

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS MAJOR PROJECTS / SCHEMES COSTING ₹ 100.00 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost ₹ Cr.(Date of Approval)	Revised Cost ₹ Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.11			
		1 no Pipeline from Bhogpara to Wilton will be used to bring rich gas produced at Bhogpara to Wilton for onward transportation to CGGS&OTP-W/50.									
5	New SCADA Project	Real time monitoring of Oil & Gas Production Installations and electrical substations to ensure required parameters, custody transfer, mass balance etc including safety system	11.05.2009	Feb-13	Contract awarded(28/12/2010). ii) EPC Progress is 26.87 % against planned 55.57 . %. Major job completed: i) Pilot RTU testing for communication system. ii) Procurement & Engineering site survey completed.	108 (96 crores for SCADA System + 12 crores for communication system) 09.06.2008	Nil	Expendi-ture up to 24/01/2012 : Rs. 0.17	3 years	A major Delay in finalization of complete tender document prepared by the consultant due to: i) Increase in scope of work for Requirement Assessment. ii) Re-work & Re-engineering	i) A detailed micro schedule prepared by the consultant for smooth execution.

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS MAJOR PROJECTS / SCHEMES COSTING ₹100.00 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost ₹ Cr.(Date of Approval)	Revised Cost ₹ Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.11			
					iii) SCADA design confuiguration for MCS & Remote location completed.iv) FAT(Factory acceptance test) for RTU Completed.v) All RTUs received at Duliajan.vi) Topography and Soil investigation completed.vii)Civil engg drawing submitted for RTU room and RTU room(o4 No) started.					of New SCADA Comm-unication report iii) Review and approval of tender document. 2. Re-tendering process due to modification of BQC, BEC & BRC as per CBC's advise.	

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OIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS MAJOR PROJECTS / SCHEMES COSTING ₹100.00 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost ₹ Cr.(Date of Approval)	Revised Cost ₹ Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.11			
6	Constr. Of 2 FGS in Chabua & Baghjan		March 2012	Feb-2013	1) FGS-Chabua :- Construction : in progress under EPC Contract No.OIL/ CCO/PDNG / GLOBAL/ 215 / 2008. Overall progress as on 25.12.2011 was 40.77% (For FGS-Chabua &CGGS&OTP - Madhuban). 2) FGS-Baghjan : (a) Land : Acquired. (b) BWL Contruction : Tendering is in progress (PR No. : 2209601). (c) Construc-tion : In principle approval obtained from management to negotiate with	**157.54**		Expenditure up to 24/ 01/2012 : Rs. 17.68			

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS MAJOR PROJECTS / SCHEMES COSTING ₹ 100.00 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Reasons for time Cost Overrun	Remedial Measures Taken/Proposed
			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost ₹ Cr.(Date of Approval)	Revised Cost ₹ Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.11			
					present consult-ant (providing EPMC service for CGGS&OTP-Madhuban and FGS-Chabua) to complete the EPMC of Baghjan FGS at earlier take off price. Manage-ment Approval has also been obtained to raise PR for the same. Accordingly PR No. 2210601 raised.						

GAIL INDIA LIMITED

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT/SCHEMES COSTING UPTO ₹ 100.00 CRORES

₹ IN CRORE

Sl. No.	Particulars	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Remarks	Remedial Measures taken/ Proposed
			Original Date of Completion	Revised Date of Completion	Cumulative Physical Progress upto 31.12.11	Original Cost	Revised Cost	Cumulative Financial Progress upto 31-12-11			
1	Kandla Samakhiali Pipeline	Evacuate LPG from Kandla for Supplying to various LPG bottling Plants in Northern India	Feb-10	Apr-10	P/L Commis-sioned	58.30	55.00	46.93 Crores (85.33%)	NA	NA	NA
2	Connectiv-ity to Rohtak	To supply Natural Gas to potential consumers in Rohtak, and other nearby area along Pipeline route.	Jan '11	18 months from the start of Tendering work	Project is Currently on hold	67.29	No Change	0 Crores (0%)	NA	No firm gas agreement in Rothak Area	NA
3	Re Routing of Uran Thal Pipeline	Rerouting of Uran-Thal Pipeline across Dharamtal Creek, Mumbai	Mar '13	No Change	PMC Awarded	93.76	No Change	0 Crores (0%)	NA	Project Comple-tion would be synchronized with the comple-tion of construc-tion work of RPT	NA

GAIL INDIA LIMITED

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT/SCHEMES COSTING ₹ 100.00 CRORES AND MORE

₹ IN CRORE

Sl. No.	Particulars	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Remarks
			Original Date of Completion	Revised Date of Completion	Cumulative Physical Progress upto 31.12.11	Original Cost	Revised Cost	Cumulative Financial Progress upto 31-12-11		
1	Compressor Stations at Vijaipur & Jhabua Ph-I and Ph-II	Compressor station at Jhabua, Vijaipur is required to cater gas demand at desired pressure to various customers in route Dadri-Bawana-Nangal and Chainsa Jhajjar Hissar Pipeline systems and upgrade the capacity of DVPL and GREP pipeline system.	Oct.10	No Change	Commissioned	1434	No Change	945 (66%)	NA	Mainline Machines Commissioned at both locations. Standby Machine commissioned at Jhabua.

GAIL INDIA LIMITED

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT/SCHEMES COSTING ₹ 100.00 CRORES AND MORE

₹ IN CRORE

Sl. No.	Particulars	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)			Time/Cost overrun	Remarks
			Original Date of Completion	Revised Date of Completion	Cumulative Physical Progress upto 31.12.11	Original Cost	Revised Cost	Cumulative Financial Progress upto 31-12-11		
2	Dahej-Vijaypur Pipeline-II	With additional RLNG supplied from PLL, LNG Terminal, Dahej and other sources like Reliance gas, the capacity Upgradation of the DVPL pipeline will fulfill the additional demand to the customers en-route existing DVPL & GREP Pipeline.	Oct.10	Sept'11	100.00%	4403	No Change	2325 (53%)	NA	Entire Pipeline Commissioned

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₹ IN CRORE

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			Original Date of Completion	Revised Date of Completion	Cumulative Physical Progress upto 31.12.11	Original Cost	Revised Cost	Cumulative Financial Progress upto 31-12-11		
3	Compres-sor Station at Kailaras & Chainsa	Compressor station at Kailaras, Chainsa is required to cater gas demand at desired pressure to various customers in route Dadri-Bawana-Nangal and Chainsa Jhajjar Hissar Pipeline systems and upgrade the capacity of GREP P/L system.	April'11	Dec'11	96.50%	1167	No Change	675 (58%)	NA	

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			Original Date of Completion	Revised Date of Completion	Cumulative Physical Progress upto 31.12.11	Original Cost	Revised Cost	Cumulative Financial Progress upto 31-12-11		
4	Bawana-Nangal Pipeline	Natural Gas is an environment friendly gas and is used to substitute Naphtha and other fuels. It is non toxic and lighter than air. To supply R-LNG to Consumers in the state of Punjab, Haryana, UP.	Oct'10	Dec'11	96%	1816	No Change	1035 (56%)	NA	

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			Original Date of Completion	Revised Date of Completion	Cumulative Physical Progress upto 31.12.11	Original Cost	Revised Cost	Cumulative Financial Progress upto 31-12-11		
5	DBNPL spurlines (Uttarakhand & Punjab)	Enhanced customer connectivity in states of Uttarakhand & Punjab	June'12	July'12	81.20%	540.92	No Change	169 (31%)	NA	
6	Dhabol-Bangalore Pipeline Ph-I	To Supply Natural gas for various sources to the customer in Maharastra, GOA, Karnataka	Mar'12	Aug'12	69.60%	4057.38	4508.38	1481 (37%)	NA	

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			Original Date of Completion	Revised Date of Completion	Cumulative Physical Progress upto 31.12.11	Original Cost	Revised Cost	Cumulative Financial Progress upto 31-12-11		
7	Kochi-Koottanand-Bangalore-Mangalore Pipeline Ph I	M/s Petronet LNG is setting up 2.5 MMTPA LNG terminal at Kochi. This pipeline is being laid to evacuate the R-LNG for distribution to consumers in the States of Kerala,	Mar'12	Aug'12	73%	267.5	348	174 (65%)	NA	

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8	Kochi-Koottanand-Bangalore-Mangalore Pipeline Ph II	M/s Petronet LNG is setting up 2.5 MMTPA LNG terminal at Kochi. This pipeline is being laid to evacuate the R-LNG for distribution to consumers in the States of Kerala, Tamilnadu and Karnataka.	Dec'12	No Change	26.10%	2764.5	2915.5	404 (14%)	NA	Laying order anticipated to be placed by mid Jan 2012. Schedule 15 months.

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9	Jagdishpur-Haldia P/L	The proposed pipeline will benefit in meeting the gas demand of anchor customers in Uttar Pradesh, Bihar, West Bengal & Jharkhand.	Jan'13	--	--	7596.18	No Change	1.37 (0%)	NA	
10	Installation of 25 MW X 4 Wind Turbine in Tamil Nadu and/or Karnataka	1.De-risking of the current business portfolio, 2.Organization will become 50% carbon neutral in terms of electricity consumption	May'11	Mar'12	56%	616	No Change	NIL	NA	

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11	Petro-chemical Complex II at Vijaipur and Pata	Meeting the polymer demand in the country	Feb'14	No Change	19.50%	8140	No Change	603.59 (7%)	NA	
12	Explora-tion & Production	Improved Energy Security for the nation	Drilling As per drilling Plan of Operator	No Change	Drilling As per drilling Plan of Operator	Different dates and cost for Different Block	No Change	Total Exp till date Rs-1980.89 Crores	NA	

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₹ IN CRORE

A. IMPORTANT PROJECTS COSTING BELOW Rs.100 crore - UNDER IMPLEMENTATION : 13

Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
1	Branch pipeline to Tikri kalan	Cost effective and reliable movement of products for existing Tikri kalan terminal	March 2010	ML com-pleted. Panipat commis-sioned.*	96.22	43.00 (31.3.2008)	59.00 (31.10.2009)	59.00	96.59	* / Cost over-run-Nil	*Completion of works at Tikrikalan is to synchonise with the upcoming Mktg. ToP at Tikrikalan.	NA
2	Crude oil transfer pipeline from North Oil Jetty to PHBPL Paradip	Cost effective and reliable transfer of crude oil to PHBPL Paradip	November 2010	January 2012	92.78	81.00 (29.5.2009)	–	81.00	87.99	14 months	Delay in execu-tion of piling work due to swollen sea condition.	Work is in advance stage of comple-tion.
3	ATF Pipeline from Mourigram to AFS Gouripur at Kolkata	Cost effective and reliable movement of ATF to Kolkata AFS	October 2012	–	38.71	45.00 (06.05.2009)	–	45.00	32.68	NIL	NA	NA

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4	Augmentation of CBPL (Delivery-cum-pumping station at Chittoor)	Cost effective and reliable movement of product to Chittoor & Bangalore fed markets	August 2011	February 2012**	91.18	53.00 (31.8.2009)	–	53.00	73.60	** / Cost over-run-Nil	** Commissioning to synchronize with the completion of FF facilities by Mktg. Division.	NA
5	ATF Pipeline to Guwhati Airport	Cost effective and reliable movement of ATF to Guwahati AFS	18 months after receipt of environment & forest clearance.	–	29.53	44.00 (19.11.2009)	–	44.00	31.52	NIL	NA	NA
6	CBR-Trichy pipeline	Cost effective and reliable movement of product from CBR to Trichy ToP	April 2014	–	8.53	98.00 (13.11.2010)	–	98.00	0.00	NIL	NA	NA

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7	10 MMSCMD connectivity at Dadri for Dadri-Panipat R-LNG Pipeline	To provide enhanced gas supply to Panipat Refinery	12 months from the date of payment to GAIL	Anticipated Date of Completion-January 2013	NIL	45.00 (3.9.2011)	–	45.00	Nil	Nil	NA	NA
8	New Marketing Terminal at Tikri kalan (Delhi)	Additional tankage and allied facilities for better logistics	July 2011	March 2012	89%	78.15	85.32	85.32	65%	Time overrun	Revision in concept for implementation of MB Lal committee recommendations	
9	LPG bottling plants at 6 locations	To construct bottling plants at 6 locations to meet supply & demand of LPG smoothly	March 2011	March 2012	95%	36.25 (December 2007)	45.00 (28.07.2010)	45.00	74	12 month 9 crore	Delay in plant shed constrution. Fabrication of New water tank (old from Sawaimadhopur BP found not satisfactory during inspection).	Retendering carried out 3 times. Work completed for sheds now.

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A. IMPORTANT PROJECTS COSTING BELOW Rs.100 crore - UNDER IMPLEMENTATION : 13

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10	New Marketing terminal at Jasidih	Distribution of POL	March 2013	March 2013	14%	29.00 (21.8.2004)	85.65 (August 2010)	85.65	3.14%			
11	New Marketing terminal at Jharsuguda (earlier Rourkela/ Rengali (Orissa)	Evacuation of Paradeep Refinery through PRRPL	24 Months from Statutory approval. EC awaited		2%	93.29	NA	93.29	9.63%			
12	New Marketing Terminal at Mandir Hasud	Distribution & Storage Facilities for better logistics				38.18 (27.02.2001)					Project could not take off due to disputes with locals. Board approval for dropping project obtained.	
13	Solar PV power project	Renewable energy generation	January 2012	January 2012	50%	66.5 (13.11.2010)	N/A	66.5	6.15	N/A		

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₹ IN CRORE

A. IMPORTANT PROJECTS COSTING ABOVE Rs.100 crore - UNDER IMPLEMENTATION : 25

Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
1	Panipat Refinery Expansion from 12 to 15 MMT	To meet demand of North-West	March 2008 / December 2009	HSD Quality Upgradation part commis-sioned in December 2009 Capacity Expansion part commis-sioned in November 2010	Commis-sioned	806.00 (30.6.2005)	1007.83 (28.12.2007)	1101.00	966.88	Quality Up-gradation Part- no time overrun Exapan-sion part - 11 months time overrun No cost overrun as Antici-pated cost is with 10% per-mis-sible limit of the ap-proved cost	In view of high product demand in December 2009, shut down for CDU/VDU/ OHCU/ DCU was planned in Sep-Oct 2010, based on product availability situa-tion discussed in Industry Review Meeting. (This being a revamp project all major jobs, including the interfaces with the existing units of Panipat Refinery (PR) were com-pleted within the very tight shut-down schedule)	All jobs com-pleted during shut-down and project commis-sioned in Novem-ber 2010.

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2	Paradip Refinery Project (Grassroots refinery)	To meet projected petroleum products deficit in Eastern India as well as to capture export potential and integrate the refinery with petrochemicals (in future) to derive maximum value of hydrocarbon chain.	March 2012 (AVU - First Unit) July 2012 (Alkylation - Last Unit) November 2012 (Integrated stabilised operation)	Commis-sioning : April - June 2013 Operation/ Stabiliza-tion : July - September 2013	72.30%	29777.00 (28.2.2009)		30426.00	12266.00	Ref Col-umn 5	1.Law & order problems at site-Delay in construc-tion. 2.High court stay order on Raw water intake at Mahanadi, Cuttack since 29.07.2011. 3.Delay in south jetty due to refusal of PPT to construct it 4.Delay in getting various Govt clerances like Envirnment, Forest, RoW for Pipeline. 5.Delay of Equip-ment & fittings by vendors.	1.Matter raised to Chief Secy & Chief Minister level at state and also to MoPNG at Ministry level. 2.Close follow up kept.Court has formed Technical commit-tee to examine the issues. Next hearing likely on 19.01.2012. 3Now

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												,IOCL is going on its own for con-struction of South Jetty. Environ-nment/ Forest clerances awaited 4.Close follow-up & neces-sary action being taken. 5.IOCL has formed GM level teams & expedit-ers identi-fied vendor wise to expe-dite.

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3	Residue upgradation and improve-ment of MS/ HSD quality at Gujarat Refinery	Improve-ment in distillate yield, quality upgradation of MS/HSD and pro-cessing of enhanced quantity of high sulphur crude.	January 2010/ Quality Part-by March 2010 and other facilities progres-sively by June 2010	Quality part commis-sioned progres-sively from May to July 2010. VGO-HDT commis-sioned in November 2010 and Coker commis-sioned in March 2011	Commis-sioned	5693.00 (29.1.2007)	6898.00 (30.11.2009)	6825.00	6211.76	Time overrun of 1.5 to 3.5 months for quality up-gradation units, 4.8 months for VGO-HDT, 8.8 months for Coker. No cost overrun.	Time overrun of 1.5 to 3.5 months for Quality upgradation units was due to delay in supply of compressors by 8 to 11 months from BHEL & BPCL. Time overrun of 4.8 months for VGO-HDT is due delay in supply of compressors from BHEL by 13 months and supply of 10 no. of pumps by BPCL by 7 months. Time overrun of Coker unit by 8.8 months is due to delay in supply of compressors from BHEL by 16 months.	Close follow up with BHEL & BPCL was main-tained and the equip-ments were received and in-stalled.

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4	MS Quality Improvement at Barauni Refinery	To improve the quality of MS conforming to Euro-III equivalent (BS-III) norms.	Process units & related facilities - March 2010 HGU & TPS expansion- April 2010	Process Units commissioned progressively from September 2010 to December 2010	Commissioned	1492.00 (29.4.2008)	--	1508.00	1340.80	Time overrun of 9 months No cost overrun (as anticipated cost is within 10% permissible limit of approved cost)	Lack of infrastructural facilities in the region/ unwillingness of reputed parties to work in the region/ lack of skilled manpower etc.	Rigrous monitoring and frequent reveiws at higher level was done. Augmentation of resources taken up as per requirement. Deployment of labours from other States was done. Follow up with manufacturing vendors by senior officials etc.

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5	MS Quality Improve-ment Project at Guwahati	To meet Euro-III equivalent (BS-III) of MS	February 2010	Process Units commis-sioned progres-sively from September 2010 to December 2010	Commis-sioned	372.00 (29.4.2008)	--	265.00	248.47	Time overrun of 10 months No cost overrun	Lack of infrastructural facilities in the region/ unwillingness of reputed parties to work in the region/ lack of skilled manpower, / frequent bandhs & raod blockades/ incessant rains etc.	Rigrous moni-toring and frequent reveiws at higher level was done. Aug-mentation of resources taken up as per require-ment. Deploy-ment of labours from other States was done.

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6	MS Quality Improve-ment Project at Digboi	To meet Euro-III equivalent (BS-III) of MS	February 2010	Process Units commis-sioned progres-sively from September 2010 to December 2010	Commis-sioned	356.00 (29.4.2008)	--	245.00	245.00	Time overrun of 10 months No cost overrun	Lack of infrastructural facilities in the region/ unwillingness of reputed parties to work in the region/ lack of skilled manpower, / frequent bandhs & raod blockades/ incessant rains etc.	Rigrous moni-toring and frequent reveiws at higher level was done. Aug-mentation of resources taken up as per require-ment. Deploy-ment of labours from other States was done.

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7	MS Quality improve-ment project at Bongaigaon	To meet Euro-III equivalent (BS-III) of MS	December 2009	Phase-I commis-sioned in March 2010 Phase-II commis-sioned in September 2011	Commis-sioned	293.60 (25.4.2008)	--	262.00	240.34	Time overrun of 21 months. No cost overrun (rather saving of cost of Rs.32 Cr.	Time over run is due to constraints in north east region i.e. poor infrastructural facilities, scarce technical resource availability, frequent bandhs, road blockades, kidnapping, torrential rain in the region, delay by BHEL in delivery of accessories of RG Compressor by 10 months & due to project being primarily a modification of an existing running plant etc	Rigrous monitoring and frequent reveiws at higher level was done. Aug-mentation of resources taken up as per require-ment. Deploy-ment of labours from other States was done.

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₹ IN CRORE

A. IMPORTANT PROJECTS COSTING ABOVE Rs.100 crore - UNDER IMPLEMENTATION : 25

Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
8	Diesl Hydro-treatment (DHDT) project at Bongaigaon	To meet Euro-III equivalent (BS-III) of HSD	October 2009	DHDT unit commis-sioned in August 2011	Commis-sioned	1431.91 (26.5.2006)	1646.39 (May'08)	1690.00	1646.15	Time overrun of 21 months No cost overrun as antici-pated cost is within the ap-proved per-mis-sible limit of the ap-proved cost.	Time over run is mainly because of constraints in north east region i.e. poor infrastructural facilities, scarce technical resource availability, frequent bandhs, road blockades, kidnapping, torrential rain in the region, delay by BHEL in power plant job etc.	Rigrous monitor-ing and frequent reveiws at higher level were done. Aug-mentation of re-sources taken up as per require-ment. Re-quire-ment of Euro-III HSD was met by refinery by pro-cessing Ravva crude.

INDIAN OIL CORPORATION LTD.

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT/SCHEMES COSTING ₹ 100.00 CRORES OR MORE

₹ IN CRORE

A. IMPORTANT PROJECTS COSTING ABOVE Rs.100 crore - UNDER IMPLEMENTATION : 25

Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
9	Fluidized Catalytic Cracking Unit (FCCU) and Revamp of existing Propylene Unit at Mathura Refinery	To improve upon the reliability of the unit and achieve a minmum run length of 3 years. To meet the revised statutory specification of 100 mg/ Nm3 of particulate emmission from FCC stack To increase the process-ing capacity of the unit from 1.3 to 1.5 MMTPA. To maximize the produc-tion of Value Added propylene by recovering the same from the LPG stream by capacity augmenta-tion of PRU.	January 2013	--	28.84%	1000.00 (24.7.2010)	-	1000.00	50.9	NA	NA	NA

INDIAN OIL CORPORATION LTD.

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT/SCHEMES COSTING ₹ 100.00 CRORES OR MORE

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A. IMPORTANT PROJECTS COSTING ABOVE Rs.100 crore - UNDER IMPLEMENTATION : 25

Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
10	Butadiene Extraction Unit (BDEU) at Panipat	Butadiene, a value added product will be used as the feed-stock for Styrene Butadiene Rubber (SBR) project at Panipat. SBR is primarily used for manufacture of automo-tive tyres, conveyor/ fan belts, footwear etc.	February 2013	--	48.60%	341.50 (30.11.2009)	-	341.50	36.72	NA	NA	NA

INDIAN OIL CORPORATION LTD.

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT/SCHEMES COSTING ₹ 100.00 CRORES OR MORE

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Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
11	Branch pipeline from KSPL, Viramgam to Kandla	Cost effective and reliable movement of products for Kandla	March 2013.	January 2012	90.95%	349.00 (28.2.2009)	-	250.00	87.67	Nil	NA	NA
12	Paradip-Raipur-Ranchi Product Pipeline	Cost effective and reliable movement of products for maketing depots in Orissa, Chattisgarh & Jharkhand	September 2012	–	53.64%	1793.00 (31.8.2009)	-	1400.00	37.45	Nil	NA	*Project is de-layed. Period of delay shall be known upon receipt of 1st stage forest clear-ance for the project.

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT/SCHEMES COSTING ₹ 100.00 CRORES OR MORE

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Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
13	Additional Tanks & blending facilities at Vadinar	Additional storage of crude oil at Vadinar	September 2012.	March 2012	88.48%	267.00 (28.2.2009)	-	267.00	69.55	Nil	NA	NA
14	De-bottlenecking of SMPL system	Augmentation of existing SMPL system	30 months after receipt of statutory clearance.	–	17.91%	1584.00 (30.12.2009)	-	1584.00	0.44	Nil	NA	NA
15	Integrated crude oil handling facilities at Paradip	Crude oil supply to upcoming Paradip Ref. & operation flexibility to existing PHBPL	June 2012	June 2012	79.83%	1492.33 (30.12.2009)	-	1300.00	70.15	Nil	NA	NA
16	Paradip-Haldia-Durgapur LPG Pipeline	Cost effective, environment friendly and reliable movement of LPG upto Durgapur	30 months after receipt of statutory clearance.	–	9.64%	913.00 (10.2.2011)	-	913.00	0.46	Nil	NA	NA

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT/SCHEMES COSTING ₹ 100.00 CRORES OR MORE

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A. IMPORTANT PROJECTS COSTING ABOVE Rs.100 crore - UNDER IMPLEMENTATION : 25

Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
17	Augmentation of PHBPL	Augmentation of existing PHBPL system	30 months after receipt of statutory clearance.	–	3.20%	586.00 (10.8.2011)	-	586.00	0.00	Nil	NA	NA
18	New Marketing Terminal at Ennore	Additional tankage and allied facilities for better logistics	Project on hold due to land dispute.			179.00 (Nov'2006)						
19	LPG import facility at Kochi	Construction of Import facilities to meet supply & demand of LPG	September 2011	September 2014 (subject to resolving jetty issue)	8%	170.00 (Dec'07)			4.72	3 years	The project is kept on hold in view of the non-finalisation of LPG jetty construction by Cochin Port Trust.	

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT/SCHEMES COSTING ₹ 100.00 CROORES OR MORE

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Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
20	LPG Marketing Terminal at Paradip	To construct LPG Terminal at Paradip	To be completed in 30 months from the date of taking ov of land/ statutory clearanc.. which ever is later.		11.00%	158.91 (July 2009)			8.90	NA	EIA submitted to Pollution Control Board on 06.08.2011. Public Hearing held on 09.11.2011 by district adminis-tration. Environ-mental clearance awaited	
21	New Marketing Terminal at Chittoor	Combined resitement of Tada & cuddapah Depots on CBPL for cost effective movement of products	March 2013	March 2013	24.00%	126.60 (August 2009)	NA	126.60	5.37	NA		

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₹ IN CRORE

A. IMPORTANT PROJECTS COSTING ABOVE Rs.100 crore - UNDER IMPLEMENTATION : 25

Sl. No.	Project Name /Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ in Crore)				Time/Cost overrun	Reasons for time Cost Overrun	Remedial measures taken/ proposed
			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
22	New Marketing terminal at Eastern Sector Refinery, Paradip	Refinery Evacuation of products for Road and Rail despatch from Paradeep Refinery	36 Months from date of Statutory approvals.	Tankage and receipt facilities for evacuation of refinery by September 2012. Balance progressively on recipt of clearances (CRZ for Dockline & Railways for siding)	20.00%	199.75 (July 2009)	NA	199.75	6.54	NA		

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			Original Date of Completion Commissioning: Latest approved	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.11			
23	TOP at Bangrod on Koyali-Ratlam Pipeline	Final Distribution terminal on Koyali-Ratlam Depot	December 2006	TLF commis-sioned in July 2009. TWL is ready for commis-sioning awaiting comple-tion of trach works by Railways.	98.00%	96.21 (22.12.2004)	179.00 (30.1.2009)	179.00	153.61	*/Nil	* Initially the project delayed due to land dispute at Ratlam. The matter was sub-judice and finally decision was given in IOCL's favour.	NA
24	Resitement of Bilaspur & Bisrampur Depots to Korba (Chattisgarh)	Distribution of POL	24 months from the date of receiving statutory approval.		6.97	108.18	NA	108.00	0.46	NIL	NA	NA
25	Resitement of Tatanagar & Ranchi Depots to Khunti	Distribution of POL	25 months from the date of receiving statutory approval.		9.55	132.38	NA	132.00	0.11	NIL	NA	NA

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT - 2010-11 SCHEME COSTING UPTO ₹100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (₹ Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun		
1	New LPG Bottling Plant at Bangalore	Additional bottling capacity of 88 TMTPA	Sept.'08	18 months after complete land acquisition	5%	45.00 (12.10.2006)	--	8.43	Time overrun	Delay in land acquisition	Final Notification issued by Govt of Karnataka for Land acquiring and the process of land acquisition in progress.
2	New LPG Bottling Plant at Anantpur	Additional bottling capacity of 44 TMTPA	Mar' 09	18 months after complete land acquisition	40%	43.45 (12.03.2007)	--	15.29	Time overrun	• Land acquisition got delayed as land owners had gone to High Court, A.P. However, now we have acquired 100% land	Construction activity in progress . 100% land acquisition completed
3	Bulk Storage Augemntation at Ajmer	Storage Augmentation of 2100 MT	Aug'08	Mar 11	100%	21.27 (18.05.2007)	--	23.26	Time overrun	Delay in procurement of material.	Project mechanically completed in March 11

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT - 2010-11 SCHEME COSTING UPTO ₹100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (₹ Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun		
4	Bulk Storage Augemntation at Raipur	Storage Augmentation of 1500 MT	Sep'08	Feb 11	100%	15.84 (16.06.2007)	--	16.47	Time overrun	Delay in procurement of BQ Plates. Backing out of Civil contractor for Phase-2 Civil Works	Project mechanically completed in Feb 11
5	Bulk storage aug-umentation at Nashik LPG Plant	Storage Augmentation of 1000 MT	Nov'10	Sep 11	60%	15.89 (Aug 2009)	--	5.85		High Court ban for sand mining, which is required for Mounded storage.	Ban lifted. Construction work in progress
6	New LPG Bottling Plant at Hazira	Setting up of 88 TMTPA Bottling Plant	March 2011	Sep-11	60%	60.13 (Sept 2009)	--	25.28		Delay due to heavy monsoon leading to water logging at site being at a low lying area.	CCOE approval/ Environment clearance obtained. Construction in progress

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT - 2010-11 SCHEME COSTING ₹100 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (₹ Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun		
1	Installation of FCCU - MR	Increase in secondary processing capacity to improve margins	Sep'08	Dec' 10	Mechanically completed in December 10	900.47 (22.03.2007)	--	Cum. Expend-iture: 798.07	Time over-run : 15 Months / Cost over-run : Nil	Delays by EIL having cascading effect on procuremnet & construction. Delay of 7 months in delivery of AMAB by BHEL, Delay of 14 months by BHPV for supply of Scubber	Project mechanically completed in Dec.2010 & Commissioned in March 11.
2	LOBS Upgradation - MR	Production of Group II/III Lubes to meet market requirement	Apr' 09	May'10	Project completed in August 10	638.90 (18.10.2006)	1,030.00 (17.03.2008)	896.50	3 Months	Delay in delivery & erection of Reactors and Compressor	Project mechanically completed in August10.
3	Improvement in Effluent Treatment Plant (IETP) at MR	Floor wash water treatment to meet pollution norms	May 09	Feb.10	100.00%	138.00 (July' 07)		116.75	Delay by 15 months; No cost over run	Primary cause for the delay was due to inadequate planning and inadaquate resources deployed by M/s HDOL	Project completed in Feb.2010

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT - 2010-11 SCHEME COSTING ₹100 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (₹ Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun		
4	Diesel Hydrotreater at MR	Production of EURO IV compliant Diesel as per Auto Fuel policy	Sept'11	Mar.12 - DHT May 12 - SRU	38.40%	3,283.74 (05.03.2009)	2,174.00 (26.03.2011)	353.24	--	Delay in Order placement for critical OSBL tenders like Instrumentation and Electrical Installation and SCW Pumps	Project closely Monitored
5	SPM and Crude Oil Terminal at Visakha-patnam	Installation of new facilities for minimising crude transportation cost.	May'10		100.00%	643.46 (28.11.2008)		539.89	N/A	N/A	Project completed in May 2010
6	Diesel Hydrotreater at VR	Production of EURO IV compliant Diesel as per Auto Fuel policy	Sept'11	Mar 12	54.38%	3,597.07 (05.03.2009)	2,730.00 (25.03.2011)	432.30	No Cost Over-run. Targetted Mech-anical Comple-tion : Mar-2012	Delay in order placement of Long Lead items (LLI items) and LSTK Contracts and OSBL packaages piping and civil structural work	Project closely monitored

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT - 2010-11 SCHEME COSTING ₹100 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (₹ Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun		
7	Resitement of Visakh Terminal	To create space for growth, modernization and expansion plan of Visakh Refinery	Black Oil Terminal - March 11LPG Plant - June '11White Oil Terminal - Sept '11	-	Black Oil - 99.50% LPG - 89.23% White Oil - 72.54%	756.00 (28.01.09)		635.26		Black Oil Terminal commissioned in Sept.10. White Oil terminal and LPG terminal under progress.	Projects being closely monitored
8	Resitement to Ennore Terminal	Resitement of Tondiarpet terminal in Chennai city to outskirts of Chennai at Ennore. The resitement will lead to safe operations and decongest north Chennai roads	Feb'11	Aug-11	73.25%	224.00 (27.04.2009)	299.00 (11.02.2011)	199.76		Cost overrun primarily due to increase in steel cost, land cost and M.B.Lal Committee recommen-dations. 2 severe cyclones, local labour problem afftected the progress of the project	Project being closely monitored

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS PROJECT - 2010-11 SCHEME COSTING ₹100 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (₹ Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.11	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun		
9	Evacuation of white oil products from GGSRL	White oil evacuation from Bathinda Refinery	Dec'10	Dec'10	100.00%	605.40 (28.01.2009)	510.00 (27.10.2010)	397.62		No time or cost overrun	Project completed in Dec.2010.
10	HPCL Biofuel Ltd	To have captive ethanol for blending in MS	Oct 11		100.00%	613.54 (2.6.2009)	727.88 (26.5.2010)	Equity contri-bution is Rs.205.52 crores	Cost overrun due to esclation in machinery prices		Project completed in September 11
11	New LPG Plant at Bathinda	Setting up of 44 TMTPA bottling plant and 16 bay T/T evacuation facility	May-11	May-11	75.00%	117.64		83.12	--	--	--

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MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun	
1	**Equity Investment in JVC - Central U.P. Gas Ltd.**	Setting up of facilities / distibution of natural gas to domestic & commercial customers, through pipelines in the city of Kanpur and installation of CNG Outlets to feed the automobile sector.	N.A.	N.A.	N.A. Company in operation	13.5 March '05	N.A.	N.A.	N.A.	N.A.

Notes : The physical and financial progress for equity investment in Joint Venture Schemes are not worked.

NA: Not Applicable

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MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun	
2	**Equity Investment in JVC - Maharashtra Natural Gas Ltd.**	Setting up of facilities / distibution of natural gas to domestic & commercial customers, through pipelines in the city of Pune and adjacent areas in Maharashtra except Mumbai and New Mumbai & Thane for supply of CNG to the household and automobile sector.	N.A.	N.A.	N.A. Company in operation	Rs.22.5 cr / 7.7.04	N.A.	N.A.	N.A.	N.A.

Notes : The physical and financial progress for equity investment in Joint Venture Schemes are not worked.

NA: Not Applicable

STATEMENT - I

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹ inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun	
3	**Equity Investment in JVC - Sabarmati Gas Ltd.**	For implementing the City Gas Distribution project for supply of CNG to the household and the automobile sectors in the city of Gandhinagar, Mehsana and Sabarkantha districts of Gujarat.	N.A.	N.A.	N.A. Company in operation	Rs.45 cr / 23.9.05	N.A.	N.A.	N.A.	N.A.

Notes : The physical and financial progress for equity investment in Joint Venture Schemes are not worked.

NA: Not Applicable

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MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun	
4	**Equity Investment in JVC - Bharat Stars Pvt. Ltd..**	For providing Into-Plane sevices at Bengaluru Airport	N.A.	N.A.	N.A. Company in operation	Rs.20 cr / 13.9.07		Payments are released only on cash call from the JV Company.	N.A.	N.A.
5	**Equity Investment in JVC - Bharat Renewable Energy Ltd.**	For production, procurement, cultivation, plantation of horticulture crops such as jhatropha, pongamia, trading, R&D and management of all crops and plantation including biofuels in the state of U.P.	N.A.	N.A.	N.A. Company in operation	Rs.9.90 cr / 17.6.2008	N.A.	N.A.	N.A.	N.A.

Notes : The physical and financial progress for equity investment in Joint Venture Schemes are not worked.

NA: Not Applicable

STATEMENT - I

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun	
6	**Equity Investment in JVC - Matrix Bharat Marine Services Pte Ltd.**	To carry out the bunkeing business & the supply of marine lubricants in the Singapore markets, as well as international bunkering including expansion in the Asian & Middle East markets.	N.A.	N.A.	N.A. Com-pany in operation	₹10 cr / 20.5.08	N.A.	N.A.	N.A.	N.A.

Notes : The physical and financial progress for equity investment in Joint Venture Schemes are not worked.

NA: Not Applicable

STATEMENT - I

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun	
7	**Equity Investment in JVC - Delhi Interna-tional Airport Ltd.**	Providing infrastrudcture , hydrant facilities at Terminal 3 , Delhi International Airport	N.A.	N.A.	N.A. Com-pany in operation	₹60.68 cr.	N.A.	Pay-ments are released only on cash call from the JV Com-pany.	N.A.	N.A.

Notes : The physical and financial progress for equity investment in Joint Venture Schemes are not worked.

NA: Not Applicable

STATEMENT - II

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING ₹ 100 CRORES AND ABOVE

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun		
1	**Bina Despatch Terminal**	This project envisages facilities, viz., Multi -product rail / road gantries for loading tank wagons / trucks, necessary product storage facilities including LPG mounded storage and LPG bulk despatch facilities. Necessary support facilities such as pumpho oil water separator, instrumenta-tion, fire fighting system etc. will also be provided.	Dec.2009	March 2010	project completed and termi-nal is operational	463.40 16.11.97	₹490.71 7.5.2007 Rs.639.11 10.10.08	98.6% . The cum. Exp. Upto Dec.'11 is Rs. 630.11 crore (Provl.)	N.A.	Change in scope of work due to change in refinery configuration. Project linked to Bina refinery project	N.A.

STATEMENT - II

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING ₹ 100 CRORES AND ABOVE

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun		
2	**Bina Kota Pipeline Project**	economic evacuation of MS,SKO,HSD and ATF from Bina Refin-ery.	Oct. 2009	March 2010	project completed & Pipeline commis-sioned	405.82 27.7.07	N.A.	96.07% The cum. Exp. Upto Dec.'11 is ₹ 389.91 crore	N.A.	Project linked to Bina refinery project	N.A.

STATEMENT - II

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING ₹ 100 CRORES AND ABOVE

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun		
3	**Hydrocracker revamp & setting up of a new Continious Catalytic Regenera-tion Reformer (CCR) at Mumbai Refinery**	Revamping of Hydrocracker Unit from 1.75 to 2 MMTPA with capability to upgrade high sulphur diesel components to EURO III / EURO IV HSD and setting up 0.9 MMTPA capacity Continuous Catalytic Regenerator facility to upgrade part Naphtha to EURO III / EURO I	Dec. 2011	April 2013	Act - 52.86%	₹825.00 Jan.2008 ₹ 1827.00 May 2011	₹ 1827.00 May 2011	18.75% (cum exp. upto Dec.'11 is ₹ 342.69 crores	N.A.	The project has been re-formulated with en-hanced capacity of CCR and matching new Naphtha hydro treater and PSA as-sembly	N.A.

STATEMENT - II

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING ₹ 100 CRORES AND ABOVE

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun		
4	**Equity Investment in JVC - Bharat Oman Refineries Ltd.**	Setting up of a 6 MMTPA refinery at Bina in M.P.	11.12.95 (with in 48 months from receipt of all approvals) 31.Dec. 2009 / June 2010	Jan.2011	100% The project completed and commissioned	* 549.00 Dec. 1995 (Represents BPC share of Equity)	₹12208 crore (BPC share is ₹ 2347.6 crore)	87.5%	N.A.	Delay in receipt of environmental clearance and resolution of court cases resulting in crease in Bina refinery project cost.	N.A.

STATEMENT - II

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING ₹ 100 CRORES AND ABOVE

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun		
5	**Capacity Expansion cum Modern-isation Phase II at Kochi Refinery**	Improving the quality of MS-HSD to meet Euro-III equivalent norms and low cost expansion of the refinery from 7.5 to 9.5 MMTPA.	30th Sept'09 (revised to 31st Dec'09)	CDU II after revamp commis-sioned in July'10 , NHT/CCR unit commis-sioned in Sep.'10 and VGO HDS & Sulphur Recovery units mechani-cally completed in Oct.'10 and are under commis-sioning.	Project completed and facilities envisaged are commis-sioned	2591.8 (27.04.'06)	3941.41 (11.7.2008)	84.2 %.The cum. Exp. upto 31st Dec'11 is ₹ 3318.61 crore	Time over run -10 months No cost over run	The earlier delay in process and detailed engineering activities completion had affected ordering and thereby, the availability of materials for construction progress at site. Delay in receipt of VGO HDS RG compressor and NHT / CCR net gas compressor from	

STATEMENT - II

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
MINISTRY / DEPARTMENT : NAME OF THE PSU : BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING ₹ 100 CRORES AND ABOVE

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun		
6	**Refrigerated LPG storage and handling facility (2 x 8000 MT) at JNPT Jetty & Uran LPG Plant.**	The project envisages setting up of LPG import facilities like marine unloading arm at JNPT, 12 Km long transfer pipeline from JNPT jetty to Uran LPG plant and strategic storage facilites of 2X8000 tons tanks at Uran LPG bottling plant along with LPG loading facilities.	Dec. 2010	Mar.2011	Act. 99.2% Project mechani-cally complete and pre-commis-sioning activities are in progress	304.4 Board approval in June 2008	N.A.	85.25% the cum.exp. upto 30.12.2011 is ₹259.51 crores	N.A.	Delay in progress is mainly due to delays in getting ROW / Statutory clearances from JNPT and rerouting of ROW in Salt Pan Area. Delay in concreting of raft for mounded storage due to non-availability of sand as Mumbai high court banned sand mining in N.A.	

STATEMENT - II

MINISTRY / DEPARTMENT : MINISTRY OF PETROLEUM & NATURAL GAS
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PHYSICAL AND FINANCIAL PROGRESS REPORT TO PROJECTS /SCHEMES COSTING ₹ 100 CRORES AND ABOVE

Sl. No.	Name of the Project/ Scheme	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	
			Original Date of Completion	Revised date of completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (₹ in Cr.)/ (Date of Approval)	Revised Cost (₹inCr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12..2011	Time/Cost overrun		
7	**Pipeline for transfer of LPG from BPCL/ HPCL Refiniery at Mumbai to Uran LPG Plant and additional storage at Uran**	laying of 28 Km long LPG transfer pipeline from BPCL and HPCL Mumbai refineries at Mahul to Uran LPG Plant to sustain uninterrupted operation of Mumbai refineries, by continuous and eco-nomic evacuation of LPG from both the refineries and effec-tively mitigate the risks arising out of road move-ment of LPG.	Feb. 2012	June 2012	Act. 66.8%	₹250 crore as per Annual Plan 2008-09	₹206.32 cr. Sharing with HPCL CFD approval in April 2009 and ₹ 40 crores approved in Aug.2010 for LPG Mounded storage	32.47% The cum. Exp upto Dec. 11 is ₹79.97 crores		Consequent upon, the delay in availability of NOC from JNPT, the anticipated project completion date has been revised to June 2012. N.A.	

STATEMENT - II

CHENNAI PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS

PROJECTS / SCHEMES COSTING ₹ 100 CRORES OR MORE

(₹ / Crores)

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)				Reasons for time/ Cost Overrun
			Original Date of Completion/ commissioning	Revised/ date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost* (Date of approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun	
1	**Crude Oil Pipeline project**: To lay a new 42 inch dia pipeline, for 17 KM along port connectivity road from Chennai Port to CPCL - Manali Refinery at a cost of ' 126 crores.	The risk to refinery operations as a result of any possible failure of the existing 30" crude transfer line which is 40 years old will be eliminated. Further, the higher dia pipe line will result in faster transfer of crude from port to refinery.	Nov'2012 *	-	10%	126.00 crores	-	1.63 crores	No cost overrun	Further financial commitments kept on hold awaiting environmental clearance.

STATEMENT - II

CHENNAI PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS

PROJECTS / SCHEMES COSTING ₹ 100 CRORES OR MORE **(₹ / Crores)**

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)				Reasons for time/ Cost Overrun
			Original Date of Completion/ commissioning	Revised/ date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost* (Date of approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun	
2	**Revamp of CDU/ VDU of Ref II**: To increase the capacity of Refinery- II at a cost of '334 crores.	Availability of addi-tional value added products like LPG,Naptha, SK,HSD meeting Euro-IV fuel quality norms.	May'2012.	Antici-pated Date: October 2012	63%	333.99 crores	-	79.41 crores	No cost overrun Time overrun of 5 months antici-pated	Enhancement of preheat for wax / OHCU feed required revision in heat loads of crude heaters / Heat Exchangers. This delayed the engineering and subsequent ordering for heat exchanger and award of contract for heater modification.scheduled on May / june 2

STATEMENT - II

CHENNAI PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS

PROJECTS / SCHEMES COSTING ₹ 100 CRORES OR MORE **(₹/ Crores)**

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)				Reasons for time/ Cost Overrun
			Original Date of Completion/ commissioning	Revised/ date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost* (Date of approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun	
3	**Auto Fuel Project to meet Euro IV specifica-tion:** To install necessary facilities for meeting Euro IV specifica-tion of MS ans Diesel at a cost of '2615 crore.	Quality of MS and Diesel meeting Euro IV fuel norms	ISOM - Jan'10. DHDT - May'10. HGU - May'11 U&O - Apr'10	ISOM - May'10. DHDT - July'10. HGU - Feb'12 U&O - Feb'12	ISOM - commis-sioned Jan'11. DHDT - commis-sioned May'11. HGU - 98% U&O - 97.5%	2615.69 crores	-	1756.86 crores	No cost overrun. No time overrun from revised date.	HGU mechanically complete. Commissioning by Feb'12 U&O expected by Feb'12.

STATEMENT - II

CHENNAI PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS

PROJECTS / SCHEMES COSTING ₹ 100 CRORES OR MORE **(₹/ Crores)**

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)				Reasons for time/ Cost Overrun
			Original Date of Completion/ commissioning	Revised/ date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	Original Cost* (Date of approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.11	Time/Cost overrun	
4	**Resid upgradation Project**: To improve distillate yield and process high sulphur bearing crudes at a cost of '3110 crore	Improve distillate yield and process high sulphur crudes bringing in additional margins.	**Phase I:** * M/ s.Jacobs awarded as PMC. DFR made & invest-ment approval obtained in Feb 2011. **Phase II: E**xecution of project on LSTK / EPCM basis in 33 months.	-	33 months from date of Environ-mental clearance	3110 crores	-	61.60 crores	NA	Awaiting environment clearance

*** Awaiting Environmental Clearance**

STATEMENT - I

BALMER LAWRIE & CO. LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS PROJECTS / SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)			Remarks
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	2011-12 Original cost (Date of Approval)	2011-12 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.11	
1 (a)	Engineering Infrastructure for Exports/ Imports/ Container Freight Stations	Increased Capacity/ Improved Customer satisfaction	New CFS/ Multi-modal logistic hub/ expansion of existing CFS. 18-24 months from the date of all approvals/ acquisition of land. Upgradation /expansion of Warehousing facilities at Kolkata by 30.09.2011.	Acquisition of land is yet to be completed. Lease renewed with KOPT. Implement-ation by 30.09.2012.	54.68%	24.50	16.50	9.02	Acquisition of land and selection of strategic partner. NOC of Kolkata Port Trust & approval of Kolkata Municipal Corporation.

STATEMENT - I

BALMER LAWRIE & CO. LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS PROJECTS / SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)			Remarks
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	2011-12 Original cost (Date of Approval)	2011-12 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.11	
(b)	Packaging Products/ Solutions for Lubricants and other similar products (Barrel Plants in various regions)	Geographic expansion/ Capacity consolidation	Upgradation/ moder-nisation of facilities/ setting up of a high throughput plant. Implement-ation by 31.3.12. Part expenditure in progress for setting up of the facility within 18 months of receiving all approvals.	Approval for setting-up of the plant is in place. Plant expected to be commission-ed in June, 2013.	44.11%	5.00	5.00	2.21	Reaching agreement with all the stakeholders.

STATEMENT - I

BALMER LAWRIE & CO. LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS PROJECTS / SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)			Remarks
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	2011-12 Original cost (Date of Approval)	2011-12 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.11	
(c)	Performance Chemicals	Expansion of product basket	Organic/ Inorganic growth in construction chemicals & launching of construction chemicals by 30.06.2011.	Work on setting up facilities for processing construction chemicals is expected to be completed by 31.3.2012.	61.52%	1.00	1.00	0.62	Delay in identifying acceptable target for acquisition/ reaching agreement with suitable partners.
(d)	Lubricating Oils, Greases and Speciality Lubricants and related services	Initiatives towards raw materials security	Consolid-ation of capacity in Western Region by 31.03.2012.	Crystalis-ation of plant by 31.3.2011 & imple-mentation by 31.12.11. Expected to be commiss-ioned by July, 2012.	43.79%	10.00	10.00	4.38	Normal business risk

STATEMENT - I

BALMER LAWRIE & CO. LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS PROJECTS / SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)			Remarks
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	2011-12 Original cost (Date of Approval)	2011-12 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.11	
(e)	Investment in JVC/ Acquisition of business in the area of Travel & Tours/ Logistics Services/ Industrial Packaging/ Greases & Lubes/ Leather Chemicals	Improving market reach & adding business competencies	By 31st March, 2011.	Identification of target company and agreenent in acquisition/ strategic partnership by 30.09.11.	--	1.00	1.00	--	Delay in identifying acceptable target for acquisition.

STATEMENT - I

BALMER LAWRIE & CO. LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS PROJECTS / SCHEMES COSTING UPTO ₹ 100 CRORES

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)			Remarks
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	2011-12 Original cost (Date of Approval)	2011-12 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.11	
(f)	ERP Implement-ation	Initiatives towards enhanced information technology.	By 31st March, 2011.	Technology enablement to manage the operations and get competitive advantage over the com-petetitors. Part expenditure is towards identification of the software pachages by 31.3.2012.	Work on ERP implemen-tation started and expec-ted to be completed by 31.12.2014.	--	5.00	--	
(f)	Others	Additions, alterations, renewals & replacement	By 31st March, 2011.	By 31st March, 2011.	60.04%	4.50	5.50	3.30	
	TOTAL					**60.00**	**50.00**	**19.52**	

STATEMENT - II

BALMER LAWRIE & CO. LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS PROJECTS / SCHEMES COSTING ₹100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)			Time/ cost overrun	Reason for time/ cost overrun
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	2011-12 Original cost (Date of Approval)	2011-12 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.11		
		NOT APPLICABLE Since Balmer Lawrie & Co. Ltd. does not have any individual project costing more than Rs.100 crores, the report in respect of the same may be taken as 'NIL'.								

STATEMENT - II

NUMALIGARH REFINERY LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS PROJECTS / SCHEMES COSTING ₹ 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)			Time/ cost overrun	Reason for time/ cost overrun	Remedial mesures taken/ proposed
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	Original cost (Date of Approval)	Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.11			
1	Siliguri Marketing Terminal Project	To provide a smooth, reliable and economical mode of product evacuation from Numaligarh Refinery to Siliguri.	22.09.2007	--	Project Commis-sioned in 2008-09	₹149.57 crores (26.07.06)	₹ 186.23 crores (29.01.09)	₹ 183.42 crores.	The Siliguri Marketing Terminal is in operation since May, 2009.		
2	Diesel Quality Upgradation Project	To comply with require-ments of the 'Auto Fuel Policy' for production of Euro-III and Euro-IV HSD.	31.03.2010	April 2010	Project Commis-sioned in 2010-11	₹ 434.94 crores (18.03.08)	--	₹364.15 crores.	The Diesel Quality Upgradation Project has been completed during 1st quarter of 2010-11. The project has enabled NRL to produce Euro-III and Euro-IV HSD at 100% capacity utilisation of the refinery.		

STATEMENT - II

NUMALIGARH REFINERY LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS PROJECTS / SCHEMES COSTING ₹ 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)			Time/ cost overrun	Reason for time/ cost overrun	Remedial mesures taken/ proposed
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	Original cost (Date of Approval)	Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.11			
3	Wax Project	Production of high value Paraffin and Micro-cyrstalline Wax	29.12.2013	--	As on 15.12.2011, overall progress of the project was 8.1% as sched-uled and 24 milestones were achieved against 23 scheduled milestones.	₹ 576.60 crores (30.06.2010)	–	₹ 20.01 crores.	The Wax Project has been approved for implementation on 30th June, 2010 with a project cost of ₹ 576.70 crores. The project is progressing as per schedule and is planned to be completed within December'2013.		
4	**Participation in Joint Ventures**										
a	M/s Brahma-putra Cracker & Polymer Ltd. [Assam Gas Cracker Project] (GAIL/ NRL/OIL/ GOA)	Inorganic growth.	NRL has 10% equity participation in the joint venture company M/s BCPL, which is implementing the Assam Gas Cracker Project in Dibrugarh district of Assam.NRL's total equity contribution in this joint venture is estimated at ₹127 crores out of which, ₹ 104.10 crores has been paid till 30.12.2011.								

STATEMENT - II

NUMALIGARH REFINERY LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM & NATURAL GAS PROJECTS / SCHEMES COSTING ₹ 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)			Time/ cost overrun	Reason for time/ cost overrun	Remedial mesures taken/ proposed
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.11	Original cost (Date of Approval)	Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.11			
4	**Participation in Joint Ventures**										
a	M/s Brahmaputra Cracker & Polymer Ltd. [Assam Gas Cracker Project] (GAIL/ NRL/OIL/ GOA)	Inorganic growth.	NRL has 10% equity participation in the joint venture company M/s BCPL, which is implementing the Assam Gas Cracker Project in Dibrugarh district of Assam.NRL's total equity contribution in this joint venture is estimated at ₹ 127 crores out of which, ₹ 104.10 crores has been paid till 30.12.2011.								
b	M/s DNP Ltd. [Natural Gas Pipeline from Duliajan to Numaligarh (AGCL/ NRL/OIL)	Inorganic growth.	M/s DNP Limited, has commissioned the Natural Gas pipeline project from Duliajan to Numaligarh in February 2011. NRL has 26% equity participation in the joint venture company . NRL's entire equity amount of ₹ 35.08 Crs had been paid.								

STATEMENT - II

MANGALORE REFINERY AND PETROCHEMICALS LIMITED
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
PROJECT/SCHEMES COSTING ₹ 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)		Cumulatiave Financial Progress upto 31.12.2011 (Prov.)	Time/ Cost overrun	Reasons for Time/ Cost overrun
			Original Date of Completion/ commissioning	Revised/ Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval), If any			
Plan Capital Expenditure Schemes										
1	Refinery up gradation cum Expansion Phase III including Poly-propylene Unit	1 . Increase the distillate yield by about 10% and total elimination of black oils (FO & bitumen) 2. Additional facilities to meet Euro -III / Euro IV norms for H S D 3. Capacity to process more sour and heavy crudes and high TAN Crude 4. Capacity expansion to 15 M M T PA 5. Supplement secondary processing facilities 6. Production of 440 TMTPA Polypropelene (a value added Petro-chemical Product)	June-2010	Project completion scheduled in a phased manner. CDU/VDU unit declared Mechanically completed in Oct,2011. The other units viz. DHT, Hydrogen & associated facilities scheduled for commissioning by Feb,2012. The commissioning/ completion of other Units will be done in phased manner commening from July,2012.	90.40%	7943 (03/ 03/2006) (Excluding Poly-propylene of ₹1804 crs)	13964 (23/ 07/2009) (including Poly-propylene of ₹1804 crs)	8055.99	No time over run compared to the Zero date of 08/08/08 considering various factors by MRPL/ ONGC Board.	A) <u>For Time overrun -</u> Delayed availability of encumbrance free land & delay in receipt of CFE from KSPCB (Env.Clearance) due to which site activities could not have been commenced. B) <u>For Cost Overrun</u> 1) Change in Scope based on detailed engineering. (2) Higher input costs & higher margins quoted by LSTK contractors. (3) Resultant higher duties & taxes. (4) Inclusion of Polypropylene unit.

STATEMENT - II

MANGALORE REFINERY AND PETROCHEMICALS LIMITED
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES OF MINISTRY OF PETROLEUM AND NATURAL GAS
PROJECT/SCHEMES COSTING ₹ 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (₹ Cr.)		Cumulatiave Financial Progress upto 31.12.2011 (Prov.)	Time/ Cost overrun	Reasons for Time/ Cost overrun
			Original Date of Completion/ commissioning	Revised/ Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2011	Original Cost (Date of Approval)	Revised Cost (Date of Approval), If any			
2	Revamping of CDU/ VDU (Phase - 1 - 4.68 MMTPA)	De-bottlenecking of existing Crude Distilla-tion unit and Vacuum Distillation Unit of Phase-I Refinery, MRPL, Mangalore. To enhance the capacity & efficiency	Aug,2008	Completed in Oct,2011	100.00%	180 (25/ 10/2005)	N.A.	175	27 months	Delay by consulting engineers in finalising design basis for revamp resulting in consequential delay in award-ing LSTK works.
3	Single Point Mooring Facility	Import of Crude through larger vessels - VLCC	To be completed by May, 2012	Mechanical Completion by July,2012	Mechanical Completion by July,2012	₹ 1043.57 crs (29/ 07/2010)	N.A.	203.68	2 months	Due to delay in Land allotment from NMPT and delay in Envi-ronmental clearance from MoEF

CHAPTER-V

FINANCIAL REVIEW OF THE PROGRAMMES / ACTIVITIES

The Budget provision made for this Ministry for the year 2011-12 (Budget Estimates and Revised Estimates) and the Budget Estimates 2012-13 are shown as under :-

(₹ in Crores)

Item	Year	Plan	Non-Plan	Total
Budget Estimates (BE)	2011-12	40	23676.20	23716.20
Revised Estimates (RE)	2011-12	40	70100.05	70140.05
Budget Estimates (BE)	2012-13	43	43716.85	43759.85

2. The detailed provisions (both for Plan and Non-Plan) included in these estimates for each programme/ activities are shown in **Statement-1.**

3. The BE for 2012-13 (Non-Plan) of ₹ 43716.85 crore is higher as compared to BE 2011-12 of ₹ 23676.20 crore.

4. The Annual Plan Outlay 2011-12 (BE & RE) and 2012-13 (BE) for each programme/ activity are shown in Part "A" of Statement-II. The Annual Plan outlay for 2012-13 for various programmes/activities is of the order of ₹ 79684.88 crore, which would be met entirely from Internal and Extra Budgetary resources and no Budgetary support is envisaged. Details of Financing Pattern of Annual Plan outlays for 2012-13 (BE) are shown in **Part "B" of Statement-II**. Sector-wise Plan outlays are given in **Part "C" of Statement-II.**

5. The total Annual Plan outlay for 2012-13 of Oil PSUs under the Petroleum and Natural Gas sector stands at ₹ 79684.88 crore, out of which Rs. 48159.21 crore would be met though Internal Resources (IR) and the balance through Extra Budgetary Resources (EBR). The extra budgetary resources of Oil PSUs comprise OIDB's assistance, commercial borrowings, suppliers credit, debentures etc.

6. Actual Plan expenditure of Oil PSUs during 2010-11 actual expenditure upto 31.12.2011 and Budget Estimates 2012-13 are shown below:

Actual Plan expenditure of Oil PSUs	2010-11			2011-12			2012-13
	BE	RE	Actual	BE	RE	Actual up to 31.12.2011	BE
	69457.79	70050.84	60931.49	74811.82	69842.71	42349.65	79684.88

7. Rajiv Gandhi Institute of Petroleum Technology (RGIPT) has been set up at Jais, Rae Bareilly with the objective of creating an Institute of Excellence in the petroleum sector to cater to the educational and training requirement in India and Globally. Total estimated cost of the project would be ₹ 695.58 crore, out of which ₹ 435 crore would be on account of Capital expenditure and ₹ 260.58 crore is recurring expenditure. Out of total ₹ 435 crore on account of Capital expenditure, ₹ 150 crore will be borne by OIDB and remaining ₹ 285 crore will be met through the Budgetary support from the Government of India.

8. A Plan Scheme has been formulated for providing one time assistance of ₹ 1400/- per connection to BPL families towards security deposit for the cylinder and regulatory proposing to cover upto 35 lac families per year. Financial implications for release of these new LPG connections for 35 lacs families for the years 2012-13, 2013-14 and 2014-15 is ₹ 490 crore per annum respectively.

9. A Plan Scheme has been formulated for ISPRL. Taking into account the oil security concerns of India, the Government has decided to set up a Strategic Crude Oil Storage of 5 million metric tons (MMT) at three locations in the country viz. Visakhapatnam (1.0 MMT), Mangalore (1.5 MMT) and Padur (2.5 MMT). ₹ one crore has been allocated for the purpose for BE 2012-13.

10. Unspent balances are not applicable to the Ministry of Petroleum & Natural Gas.

Statement I

Budget Statement For The Year 2011-12

₹ in crore

SL.No.	Major Head/Unit	BE 2011-12			RE 2011-12			BE 2012-13		
		Plan	Non-plan	Total	Plan	Non-plan	Total	Plan	Non-plan	Total
A	**Revenue Section**									
1.	3451-Sectt.	0.00	20.60	20.60	0.00	21.36	21.36	0.00	21.79	21.79
2.	2802-Petroleum									
	a) Payment of Cess to OIDB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	b) Payment to Oil Companies of their claims under APM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	c) Supply of domestic LPG and PDS kerosene	0.00	3050.00	3050.00	0.00	3000.00	3000.00	0.00	3050.00	3050.00
	d) Freight subsidy on retail products for the far flung areas	0.00	26.00	26.00	0.00	23.00	23.00	0.00	26.00	26.00
	e) Compensation to Oil marketing Companies towards under recoveries on account of sale of sensitive petroleum products	0.00	20000.00	20000.00	0.00	65000.00	65000.00	0.00	40000.00	40000.00
	f) Less deposits by Oil Companies -0812	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	g) Subsidy to Oil Companies for supply of natural gas to NE Region	0.00	564.00	564.00	0.00	458.00	458.00	0.00	504.00	504.00
	h) Petroleum & Natural Gas Regulatory Board	0.00	14.00	14.00	0.00	10.48	10.48	0.00	13.14	13.14
	i) Society for Petroleum Laboratory	0.00	1.60	1.60	0.00	1.47	1.47	0.00	1.92	1.92
	j) Rajiv Gandhi Institute of Petroleum technology	39.00	0.00	39.00	39.00	0.00	39.00	41.00	0.00	41.00
	k) Scheme for LPG connections for BPL families	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00

Statement I

Budget Statement For The Year 2011-12

₹ in crore

SL.No.	Major Head/Unit	BE 2011-12			RE 2011-12			BE 2012-13		
		Plan	Non-plan	Total	Plan	Non-plan	Total	Plan	Non-plan	Total
	l) Indian Strategic Petroleum Reserve Ltd							0.00	100.00	100.00
	m) Incentive scheme for direct transfer of subsidy in cash for PDS Kerosene							0	100	100
	Total Revenue	40.00	23676.20	23716.20	40.00	68514.31	68554.31	42.00	43716.85	43758.85
B	**Capital Section**									
3	4802-Petroleum (a) Indian Strategic Petroleum Reserves Ltd.	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
4	6802	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Grand Total	40.00	23676.20	23716.20	40.00	68514.31	68554.31	43.00	43716.85	43759.85

ANNUAL PLAN OUTLAY OF OIL PSUs 2011-12 (BE & RE) & 2012-13 (BE)

Statement II

Part A

OIL AND NATURAL GAS CORPORATION (ONGC) **₹ in Crore**

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
B	**Projects Approved During 10th Plan**			
1	G-1 & G-15 DEVELOPMENT	171.20	316.14	216.56
2	REBUILDING OF MHN PROCESS PLATFORM	1504.80	2191.00	607.00
3	ASSAM RENEWAL PROJECT		355.00	782.00
C	**Projects Envisaged During 11th Plan**			
4	GRID CONNECTIVITY &ESP-MH	160.00	0.00	150.00
5	HEERA REDEVELOPMENT	0.00	0.00	0.00
6	HEERA RECONSTRUCTION	59.20	166.15	0.00
7	NEELAM RECONSTRUCTION	25.60	71.85	0.00
8	WEST COAST CLUSTER DEV(B46+B193+B22)	2160.00	3365.00	1490.00
9	DEV. WEST COAST- SHALLOW WATER (WO-16, Cluster-7))	280.00	596.00	1984.00
10	BARGE BUMPER & RISER PROTECTION(Ph I+II)	0.00	16.00	0.00
11	ADDL. GAS SWEETENING & LPG TRAIN-URAN	225.38	316.80	339.72
12	DEVELOPMENT NEW FINDS (N. TAPTI)	135.20	194.00	0.00
13	NQ REVAMP PROJECT	0.00	74.00	0.00
14	MH SOUTH REDEVELOPMENT PH-II	79.20	273.00	0.00
15	MH NORTH REDEVELOPMENT PH-II	483.20	535.00	45.00
16	PIPELINE REPLACEMENT PROJECT -II	336.80	275.00	0.00
17	WIN REVAMP PROJECT	348.00	443.00	182.00
18	NQD & ICP REVAMP	0.00	0.00	0.00

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
19	MNW-NF BRIDGE	15.20	103.00	5.00
20	26 & 30 WPP	16.80	42.00	0.00
21	ADDL. FACILITY AT HAZIRA	198.05	204.17	66.21
22	CONVERSION OF SAGAR SAMRAT TO MOPU		164.00	574.00
23	MEHSANA REDEVELOPMENT		9.00	224.00
24	AHMEDABAD REDEVELOPMENT		7.00	105.00
25	ANKLESWAR REDEVELOPMENT		7.00	124.00
26	ADDL. DEVELOPMENT OF D-1 FIELD	318.40	701.00	32.00
27	CONSTRUCTION OF 12 Osvs		143.52	69.45
28	CONSTRUCTION OF 23 Isvs		0.40	139.59
29	MISC.SCHEMES/BALANCE PAYMENTS	1525.48	1182.86	1543.05
D	**PROJECTS PROPOSED DURING 12TH PLAN**			
30	PIPELINE REPLACEMENT PROJECT-III			779.00
31	REVAMPING OF 34 UNMANNED PLATFORMS		1.00	550.00
32	B-127 & B-59 FACILITIES			500.00
33	HEERA REDEVELOPMENT PART-II			200.00
34	DEVELOPMENT OF C-SERIES (PHASE-II)			500.00
	SUB TOTAL SCHEMES	**8042.51**	**11752.89**	**11207.58**

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
	CAPITAL PURCHASES & UPGRADATION			
35	RIGS & EQUIPMENTS	977.03	147.31	548.40
36	SEISMIC SHIP & SEISMIC UPGRADATION		28.68	202.53
37	LOGGING UNITS & ACCESSORIES	189.67	14.73	239.82
38	IT PROJECTS & UPGRADATION	182.98	110.26	401.17
39	REVAMPING & REFURBISHMENT OF FACILITIES*	397.23	400.14	381.03
40	LAND, CIVIL WORKS & OTHERS	1191.36	444.00	293.00
41	OTHER SCHEMES & CAPITAL ITEMS		1009.69	2333.17
	TOTAL SCHEMES & CAPITAL ACQUISITION	**10980.78**	**13907.70**	**15606.70**
42	R&D INCLUDING INSTITUTES	368.55	365.24	245.93
43	SURVEY	1863.53	1675.94	1719.64
44	EXPLORATORY DRILLING	9300.58	8496.37	7667.49
45	DEVELOPMENT DRILLING	4854.93	5054.76	5830.58
46	JV PROJECTS DOMESTIC	1431.64	1305.84	1322.98
47	JV PROJECTS OVERSEAS /INT. PROJECTS	1240.01	510.15	671.98
	TOTAL OUTLAY	**30040.02**	**31316.00**	**33065.30**

*** : Excludes revamping of facility projects mentioned at Sl. No. 11,15,18,32**

ONGC VIDESH LIMITED (OVL) ₹ in Crore

Sl. No.	Name of Project BE	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
I	**OPERATED PROJECTS**			
1	Myanmar AD2	-	-	-
2	Myanmar AD3	-	-	-
3	Myanmar AD9	-	-	-
4	Myanmar AD7	-	-	-
5	Vietnam - 127	-	-	-
6	Vietnam - 128	76.45	26.06	76.80
7	Libya 81-1	-	2.35	-
8	Contract Area 43 Libya	39.18	5.82	56.28
9	Cuba-1(Blk-34,35)	45.84	23.93	9.67
10	Qatar- Najwat Najem	-	-	-
11	Iraq, Block 8	-	-	-
12	Sudan Pipeline	-	-	-
13	Caribean - RC8	6.44	5.96	26.68
14	Caribean - RC10	5.02	7.03	43.87
15	Iran - Farsi	3.35	3.51	4.52
16	BM-ES-42	7.12	14.10	120.00
17	BM-S-73	241.37	516.98	4.80
18	Imperial Energy (Jarpeno)	640.26	541.40	138.96
19	CPO5	24.52	53.00	116.52
	Sub Total	**1,089.56**	**1,200.13**	**598.10**

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
II	**JOINTLY OPERATED PROJECTS**			
1	GNOP,SUDAN	479.40	484.52	493.59
2	MECL COLOMBIA	475.60	557.04	579.01
3	OMEL-NIGERIA OPL 279	3.17	4.03	0.65
4	OMEL-NIGERIA OPL 285	9.61	5.32	12.78
5	Carabobo, Venezuela	463.22	309.20	198.62
6	PIVSA - Sancristobal, Venezuela	284.76	154.66	128.34
	Sub Total	**1,715.76**	**1,514.77**	**1,412.99**
III	**NON OPERATED PROJECTS**			
1	AFPC, SYRIA	61.94	68.48	68.13
2	BLOCK-BC10,BRAZIL	430.14	545.88	875.14
3	ONL -JDZ BLOCK 2	-	-	-
4	Sakhalin-1	2,070.59	2,287.33	1,936.16
5	Block 5A, Sudan	99.39	144.71	118.96
6	Block 5B, Sudan	-	-	-
7	Vietnam 06.1	470.85	442.12	146.74
8	Myanmar A1	394.80	374.38	376.17
9	Myanmar A3	125.05	158.63	86.59
10	Libya 189	4.45	-	-
11	Cuba-2(24,25,26,27,29,35)	5.10	148.56	81.67
12	Egypt - North Ramadan	-	-	-
13	Syria-Block 24	121.22	128.31	23.54

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
14	Nemed, Egypt	-	-	-
15	MTPN-CONGO	-	-	-
16	Caribean - RC9	7.98	11.56	2.88
17	Turkmenistan		-	
18	BM - BAR1, Brazil	2.14	144.10	4.80
19	BM - SEAL4, Brazil	1.16	249.10	-
20	Colombia, SSJN7	35.60	21.01	39.60
21	Myanmar - Offshore Midstream	109.47	110.99	105.11
22	Myanmar - Onshore Midstream	322.70	166.77	311.72
23	Satpayev, Kazakhstan	28.48	523.25	80.82
24	BMS-74, Brazil	130.27	145.28	-
	Sub Total	**4,421.32**	**5,670.47**	**4,258.04**
IV	**NEW PROJECTS**	**1,446.25**	**50.00**	**1,557.50**
V	**FIXED ASSETS**	**14.05**	**183.58**	**83.26**
	GRAND TOTAL - PLAN OUTLAY	**8,686.93**	**8,618.95**	**7,909.90**

OIL INDIA LIMITED (OIL) ₹ in Crore

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
1	Other back up equipment and facilities-Assam & AP	426.90	319.95	314.25
2	Drilling and Surveys-Assam and AP	1177.16	1102.32	1461.45
3	Rajasthan (Survey)	5.70	8.70	9.10
4	Rajasthan (Drilling)	33.29	12.40	34.30
5	Main trunk pipelines (Capex)	2.80	45.00	20.00
6	Bay Exploration Project /NEC	5.93	9.05	9.43
7	R&D including Oil Shale studies-Assam (Capex)	5.00	5.30	40.00
8	Ganga Valley (Survey)	0.00	0.00	0.00
9	Rajasthan Gas Dev.Project-RP (Capex)	1.20	9.00	2.50
10	Overseas Projects	144.46	108.50	263.74
11	NELP Blocks:-			
11	G&G-Operated	139.15	86.55	107.58
11	G&G Non-Operated	31.73	31.46	82.55
11	Drilling-(Exp+Devl)-Operated	323.65	105.33	434.04
11	Drilling-(Exp+Devl)-Non-Operated	202.68	105.38	255.46
12	Pre-NELP-JV Blocks-JVC:-			
12	G&G JV Blocks-Non-Operated	0.00	17.75	1.00
12	Drilling (Exp+Devl)	15.00	8.71	8.06
13	Other investments	665.68	287.29	334.83
	Total	**3180.33**	**2262.68**	**3378.29**

GAIL INDIA LIMITED (GAIL) ₹ in Crore

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
1	**PETROLEUM**			
2	G1 (KESNAPALLE) - BODASAKURU PIPELINE PROJECT		2.43	
3	KANDLA-SAMRKHIALI P/L PROJECT	9.00	9.9	1.46
4	CREATION OF INVENTORY	11.18	56.93	36
5	EXPLORATION & PRODUCTION	445.39	448.95	508.39
6	EQUITY INVESTMENTS IN PROJECT	150.00	30.252	45
7	EQUITY INVESTMENTS IN PROJECT BLUE SKY (JV TO BE FORMED IN MP, GUJARAT, RAJ., KERALA, KARNATAKA, WB)	-	96.87	248.72
8	RATNAGIRI POWER PVT. LTD. (DABHOL)	103.00	0	0
9	BUSINESS DEVELOPMENT PROJECTS (M&A,GLOBALISATION, DIVERSIFICATION , OTHERS)	2.20	450	550
10	WIND ENERGY PROJECT /SOLAR ENERGY PROJECT	150.00	1	377
11	WASTE HEAT RECOVERY PROJECT -WAGODIA	19.00	27.73	3.18
12	INSTALATION OF LPG PUMP AT VIJAYAWADA	16.20	17.26	6.08
13	INVESTMENT IN OPAL PROJECT	50.00	330	331
14	WIND ENERGY PROJECT	-	240.36	0
15	HOT TAPPING EQUIPMENTS		0	31.67
16	DFR/PFR FOR INTERSTATE PIPELINES	6.62	0	0
17	REGIONAL/INTERSTATE PIPELINES - PROJECT DEVELOPMENT	5.54	0	0
18	DVPL -GREP UPGRADATION (VIJAIPUR-DADRI P/L) PROJECT	2.00	48.22	0

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
19	DVPL -GREP UPGRADATION (DAHEJ -VIJAIPUR P/L) PH-II	199.74	269.76	22.92
20	COMPRESSOR STATION -JHABUA- PH-I & II	43.00	62.89	0
21	COMPRESSOR STATION -VIJAIPUR PH-I & II	89.00	81.07	2.62
22	COMPRESSOR STATION -KALARAS PH-I & II	156.76	185.27	47.2
23	COMPRESSOR STATION -CHAINSA PH -I & II	156.50	181.13	45.37
24	CHAINSA- JHAJJAR SPURLINE PROJECT	8.44	20.78	0
25	JHAJJAR - HISSAR PIPELINE PROJECT	5.00	0.5	61.3
26	CHAINSA- JHAJJAR - BAMNOLI PIPELINE PROJECT	32.29	8	0
27	DADRI -BAWANA P/L PROJECT	-	1.67	0
28	BAWANA - NANGAL P/L PROJECT	204.45	417.75	117.16
29	JAGDISHPUR - HALDIA PIPELINE PROJECT	5.00	1.2	186.4
30	DABHOL - BANGALORE PIPELINE PROJECT PH-I & PH-II	1,500.00	1178.54	531.2
31	BAWANA - NANGAL SPURLINES	200.00	210.14	164.0004
32	VIJAIPUR KOTA SPURLINES	200.00	180.84	81.97
33	KOCHI - KOOTTANAND P/L PH-I & PH-II	400.00	306.94	1297.47
34	REROUTING OF URAN - THAL PIPELINE (Earlier Relaying of Pipeline across Dharamtar Creek)	-	0.41	62.79
35	SMALL PIPELINE PROJECT	-	5.72	0
36	FOCUS ENERGY PIPELINE	1.50	0.45	0
37	CONNECTIVITY TO NDPL	0.25	0.1	0
38	LAST MILE CONNECTIVITY TO RELIANCE CUSTOMER IN KG BASIN	3.75	2.49	0

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
39	CONNECTIVITY TO BANMORE, MALANPUR, DEVAS & PITAMPURA COSTOMER	-	0.03	0
40	FEEDER LINE FOR UJJAIN,& GWALIOR CGS	2.00	6.6	0.7
41	FEEDER LINE TO CGS TO MIDC VILE BH	6.90	6.22	4.13
42	FEEDER LINE TO CGS TO MIDC TARAPUR	11.65	16.39	21.65
43	FEEDER LINE TO CGS TO MIDC KHED	6.30	0.5	7.5
44	CGS , SONIPAT M/S GGL	-	5.72	3.14
45	CGS , MEERUT CITY M/S GGL	20.00	32.27	0
46	CONNECTIVITY TO 16 CONSUMER S	20.00	0	0
47	KG BASIN COSTOMERS (SILK ROAD, SILICA RAK CERMICS)	0.78	0	0
48	AGRA-FIROZABAD CAPACITY UPGRADATION	6.87	30.89	0
49	KARANPUR-MORADABAD-KASHIPUR-RUDRAPUR P/L	61.86	79.71	18
50	CONNECTIVITY TO MUMBAI & PUNE COSTOMER	0.70	5.89	0.72
51	CONNECTIVITY TO SURYA ROSHNI, RVK ENERGY, SARVANA GLOBAL	-	2.8	0
52	CONNECTIVITY TO NCR COSTOMER	-	4.11	0
53	GMR CONNECTIVITY IN KG BASIN	-	0.44	0
54	LINGALA CONNECTIVITY IN KG BASIN	-	27.59	13.84
55	CONNECTIVITY TO ROHTAK	11.20	1	51
56	INVESTMENT IN LNG PROJECT	15.00	0	0
57	BETTIAH POWER PROJECT	0.10	0	0
58	INVESTMENT IN NGMP PROJECT	0.10	0	0

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
59	INVESTMENT IN OPAL PROJECT	-	0	0
60	INVESTMENT IN OPAL DOWN STREAM	0.10	0	0
61	SOLAR ENERGY PROJECT	2.50	0	0
62	USAR POWER PROJECT	2.00	0	0
63	BNPL Spurline for HMEL Connectivity		2.6	91.8
64	CONNECTRIVITY TO SILVASSA		10.25	6.96
65	CONNECTIVITY TO EXISTING CUSTOMERS IN WESTERN REGION(ARC SVC: PIRAMAL;AMBERNATH,TALOJA)		3.2	0.3
66	CONNECTIVITY TO NEW GUJARAT AND MAHARASHTRA CUSTOMERS(NEW ARC: PANOLI,VMSS,VINAY CERAMICS)		0.65	1.35
67	CITY GAS DISTRIBUTION VADODARA		3	6
68	KOCHI KAYAKULAM PIPELINE		1.94	96.96
69	ODDURU-VIZAG CONNECTIVITY		0.6	75
70	JAIPUR-ALWAR PIPELINE		0.246	30.72
71	PANDURANGA CONNECTIVITY		0.188	23.52
72	CONNECTIVITY TO GOA CUSTOMERS		0.184	23.04
73	CONNECTIVITY TO PRIORITY 1 CUSTOMERS TO DUPL/DPPL		0.17	21.24
74	CONNECTIVITY TO UPL IN GUJARAT		0.09	11.25
75	CONNECTIVITY TO MANDIGOVINDHGARH & KHANNA CUSTOMERS		0.084	10.5
76	MISC PIPELINE		0.06	7.5
77	CONNECTIVITY TO RIL & BHILOSA INDUSTRIES CUSTOMERS		0.04	10

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
78	CONNECTIVITY TO MASURI-GULABATI CUSTOMERS		0.023	5.75
79	REL SAMALKOT		0.02	5
80	CONNECTIVITY TO JIL BHARUCH		0.0192	4.8
81	CONNECTIVITY TO 3 VAPI CUSTOMERS		0.0128	3.2
82	RLNG CONNECTIVITY TO MGL CGD AT WADALA		0.012	3
83	CONNECTIVITY TO SIKANDRABAD CUSTOMERS		0.008	2
84	CONNECTIVITY TO BAHADURGARH CUSTOMERS		0.007	1.75
85	TSIL SHIFTING VADODARA		0.0028	0.71
86	JLPL UPGRADATION PIPELINE		0	0.996
87	CONNECTIVITY TO APGENCO KARIMNAGAR		0	0.6
88	UPGRADATION OF KARANPUR-MORADABAD-KASHIPUR PIPELINE		0	0.6
89	SHADOL CBM BLOCK TO PHOOLPUR		0	0.6
90	PIPELINE TO PANIPAT & AMRITSAR		0	0.6
91	DAHEJ-VAGHODIA PIPELINE		0	0.396
92	PIPELINE FROM ODURU TO VIZAG		0	0.396
93	MISC PIPELINE CONNECTIVITY		0	0.396
94	AURAIYA JAGDISHPUR PIPELINE UPGRADATION		0	0.384
95	CONNECTIVITY TO DIGI PORT TO DPPL AT SV-2		0	0.384
96	GMR ENERGY DHABOL		0	0.096
97	CONNECTIVITY TO MP REGION CUSTOMERS (JAIDEEP, KESAR ETC.)		0.18	0
98	COAL GASIFICATION PROJECT	20.00	2	20
99	UTILIZATION OF BUTADIENE FROM OPAL TO PRODUCE SBR/PBR		25	50

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
100	SNG PRODUCTION THROUGH LIGNITE GASIFICATION		3	65
101	REGIONAL PIPELINE PROJECT EXECUTION		1	1
102	INTERSTATE PIPELINE EXECUTION		33.02	12.5
103	15 MW WIND ENERGY PROJECT EXECUTION		85	0
104	**RGPPL**		252	208
105	GAS SUPPLY TO GACL DAHEJ	-	1	0.85
106	MYANMAR INDIA PIPELINE	181.26	143	177
107	KAKINADA BSES POWER PLANT	-	2.24	0
108	GAS SUPPLY TO KCJP-GVK LOOPLINE, VEMAGIRI, GAUTAMI POWER	-	51.98	3.1
109	OTHER SMALL CONSUMERS IN CAUVERY BASIN	-	1.62	2.12
	TOTAL PETROLEUM	**4,548**	**5,718**	**5,867**
	PETROCHEMICALS	-		
110	PETROCHEMCIAL & GAS PROCESSING PLANT INCLUDING DFR/PFR STUDIES	5.00	0	0
111	ASSAM GAS CRACKER (BCPL)	260.00	410	0
112	PATA EXPANSION PROJECT	-	751.23	3580.5
113	CAPACITY AGUMENTATION OF PATA UPTO 800KTA	300.00	0	0
114	OTHERPFR/DFRSTUDIES	5.00	0	0
115	PE COMPOUNDING FACILITY	32.44	0	0
	TOTAL PETROCHEMICALS	**602**	**1,161**	**3,581**
	TOTAL CAPITAL EXPENDITURE - PLAN	**5150**	**6,879**	**9,447**

Part C

INDIAN OIL CORPORATION LIMITED (GAIL) **₹ in Crore**

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
I	**REFINING & MARKETING**			
A	**REFINERIES**			
1	Grassroot refinery in Eastern India at Paradip	9000.00	7524.00	6723.00
2	Expansion of Panipat Refinery from 12 to 15 MMTPA (PREAP)	135.00	87.00	0.00
3	Installation of facilty for improvement in diesel quality & distillate yield at Haldia Refinery (OHCU at Haldia)	155.00	91.00	22.00
4	Residue upgradation & MS-HSD quality improvement at Gujarat Refinery	400.00	250.00	45.00
5	MS Quality Improvement projects at Panipat Refinery	15.00	26.00	0.00
6	MS Quality Improvement projects at Barauni Refinery	180.00	150.00	65.00
7	FCC Gasoline Desulphurisation at Mathura Refinery	5.00	7.00	0.00
8	ISOM-Digboi & Naphtha Splitter at Guwahati Refinery	30.00	37.00	0.00
9	High Sulphur crude maximisation at Barauni Refinery	5.00	0.00	0.00
10	Distillate Yield Improvement (Coker) in Haldia Refinery	5.00	13.00	25.00
11	FCC Rewamp at Mathura Refinery	150.00	60.00	320.00
12	Expansion to 11 MMTPA along with Coker at Mathura Refinery	5.00	0.50	5.00
13	Gujarat Refinery Expansion to 18 MMTPA	5.00	0.50	25.00
	BONGAIGAON REFINERY (erst. BRPL)			
1	Diesel Quality Upgradation (DHDT) at Bongaigaon Refinery	85.00	77.00	22.00
2	MS Quality Improvement projects at Bongaigaon Refinery	23.00	24.00	12.00
3	INDMAX at Bongaigaon Refinery	5.00	5.00	5.00
	Sub-Total (Refineries) - A	**10203.00**	**8352.00**	**7269.00**

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
B	**PIPELINES**			
1	Paradip-Haldia crude oil pipeline	0.00	10.00	0.00
2	Koyali-Ratlam product pipeline	0.00	5.00	0.00
3	Dadri-Panipat R-LNG spurline	0.00	5.00	21.30
4	Chennai-Bangalore product pipeline	0.00	5.00	0.00
5	Paradip-New Sambalpur-Raipur-Ranchi product pipeline	600.00	300.00	250.00
6	Branch pipeline from Panipat-Delhi section of MJPL to Tikri Kalan	7.00	3.00	1.00
7	Branch pipeline from KSPL, Viramgam to Kandla	130.00	75.00	6.00
8	Debottlenecking of SMPL system	300.00	15.00	250.00
9	Additional tanks and blending facilities at Vadinar	75.00	65.00	25.00
10	Paradip Jetty transfer pipeline	0.00	16.00	0.00
11	ATF pipeline to Kolkata AFS	35.00	20.00	14.00
12	Delivery cum pumping station at Chittoor	35.00	26.00	0.00
13	Patna-Raxaul-Baitlapur Pipeline	5.00	0.50	5.00
14	Paradip-Haldia-Durgapur LPG pipeline	5.00	5.00	50.00
15	Augmentation of PHBPL	5.00	5.00	50.00
16	3rd SPM at Paradip	600.00	425.00	200.00
17	ATF Pipeline to Guwahati Airport	35.00	19.00	10.00
18	CBR-Trichy product pipeline	5.00	1.00	30.00
19	Augmentation of KSPL & Sanganer-Bijwasan Naphtha pipeline ***[Dropped]***	5.00	0.00	0.00
20	Product pipeline to Akolner (Ahmednagar) ***[Dropped]***	5.00	0.00	0.00

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
21	Ennore-Pondicherry-Trichy LPG pipeline	5.00	1.00	5.00
22	Augmentation of Panipat-Rewari pipeline ***[Shifted to AF]***	5.00	0.00	0.00
23	Mundra-Viramgam crude oil pipeline	5.00	2.00	5.00
24	Hook-up line from HBPL to Jasidih	1.00	1.00	2.00
25	Branchline to Una on Panipat-Ambala-Jalandhar pipeline	0.00	0.50	5.00
26	Kandla-Panipat LPG Pipeline	0.00	0.50	5.00
27	Paradip-Vizag-Rajamundry-Vijaywada-Cherlapalli pipeline	0.00	0.50	5.00
28	Natural Gas pieplines (3 authorized pipelines)	0.00	10.00	20.70
29	10 MMSCMD conenctivity at Dadri for Dadri-Panipal R-LNG pipeline	0.00	45.00	0.00
	Sub-Total (Pipelines) - B	**1863.00**	**1061.00**	**960.00**
C	**MARKETING**			
1	LPG Bottling plants (Old schemes) [33 locations]	2.00	2.00	2.00
2	New Marketing terminal at Ennore [Tamil Nadu]	5.00	0.00	5.00
3	Marketing Terminal for Eastern sector Refinery [Orissa]	40.00	21.00	40.00
4	TOP at Bangrod (MP) on Koyali-Ratlam pipeline	0.00	24.00	0.00
5	New Marketing Terminal at Jasidih [Jharkhand]	10.00	10.00	30.00
6	LPG import facilities, Kochi [Kerala]	50.00	5.00	10.00
7	LPG facilities at Paradip [Orrisa]	50.00	20.00	40.00
8	LPG Bottling Plants at 6 locations	10.00	10.00	6.00
9	New Marketing Terminal at Tikri Kalan [Delhi]	20.00	20.00	10.00
10	New Marketing Terminal at Rourkela (Jharsuguda) [Orissa]	10.00	5.00	20.00

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
11	Chittoor Terminal on CBPL [Karnataka]	30.00	20.00	43.00
12	Resitement of Bilaspur & Bisrampur Depots to Korba [Chhattisgarh]	5.00	5.00	10.00
13	Resitement of Tata Nagar and Ranchi Depots [Jharkhand]	5.00	4.00	10.00
14	Grass roots depot at Una (Himachal Pradesh)	0.00	1.00	1.00
15	Railhead depot at Agartala (Tripura)	0.00	1.00	1.00
16	Railhead depot at Cachar Valley (Assam)	0.00	1.00	1.00
17	Asanor TOP (Tamil Nadu)	0.00	1.00	1.00
	Sub-Total (Marketing) - C	**237.00**	**150.00**	**230.00**
D	**RESEARCH & DEVELOPMENT**	**158.00**	**83.00**	**130.00**
E	**GAS SCHEMES**			
1	LNG upstream project in Iran ***(Line entry)***	0.10	0.00	0.10
2	Ennore LNG project ***(Rs. 130 crore approved for pre-project activities)***	10.00	5.00	119.40
3	Iran-Pakistan-India gas pipeline project ***(Line entry)***	0.10	0.10	0.10
4	LNG shipping ***(Line entry)***	0.10	0.10	0.10
5	City gas project in WB, Gujarat, Punjab, Haryana, TN, etc.	5.00	5.00	5.00
6	LNG through virtual pipeline (LNG at Doorstep)	30.30	20.50	30.00
7	SAGE Deep sea pipeline from Middle East (Oman) to India ***(Line Entry)***	0.10	0.10	0.10
8	Spur, new and extension pipelines	0.10	0.10	0.10
9	Floating storage and regasification unit (FSRU) for LNG	0.10	0.00	0.00

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
10	CNG at Rajasthan road transport/NCR depots/other feasible locations through cascade mode & LCNG mode at Jaipur/Delhi - ***(Line Entry)***	0.10	0.10	0.10
11	Equity in Mundra Terminal of Adani & GSPC. and East Coast ***(Line entry)***	0.00	5.00	5.00
	Sub-Total (Gas Schemes) - E	**46.00**	**36.00**	**160.00**
G	**BD (R&P)**			
1	Other overseas investment opportunities	1.00	0.00	1.00
	Sub-Total (BD (R&P)) - G	**1.00**	**0.00**	**1.00**
H	**BD (RE&SD)**			
1	Equity participation in JVs (Bio-diesel) (Indian Oil Ruchi Biofuels LLP)	8.00	1.00	8.00
2	Equity participation in JVs (IndianOIl CREDA Biofuels Ltd.)	24.00	8.00	11.00
3	Investment in bio-diesel projects (MP & Chattisgarh)	1.00	0.50	0.50
4	Equity participation in JVs (Nuclear power)	108.00	30.00	78.00
6	Solar PV project (Study & line entry)	0.50	55.00	11.50
7	Wind power project	350.00	222.90	40.00
8	RE implementation at IOCL locations	0.10	0.10	0.10
9	0.5 MW Solar PV Nano R&D project	0.10	0.10	0.10
10	Solar CSP-staggered expenditure	0.10	0.10	0.10
11	Geothermal exploratory pilot project	0.10	0.10	0.10
12	Small hydro exploratory project	0.10	0.10	0.10

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
13	Other new projects (RO Solarization, Small Wind Solar hybrid, Biogas based power and CNG, Sustainability, etc.)	0.00	0.10	0.50
	Sub-Total (BD (General)) - H	**492.00**	**318.00**	**150.00**
	TOTAL (REFINING & MARKETING) (A+B+C+D+E+F+G+H) - I	**13000.00**	**10000.00**	**8900.00**
II	**EXPLORATION & PRODUCTION**			
1	Farm-in opportunities in India	50.00	40.00	40.00
2	Exploration blocks under NELP	175.00	184.00	110.00
3	Exploration & development of oil field in Middle-east with ONGC-VL/OIL	3.00	2.00	5.00
4	Coal Bed Methane blocks with ONGC	21.00	14.00	5.00
5	Other overseas projects (Libya, Gabon, Nigeria) (including Bid expenses)	200.00	87.00	142.00
6	Acquisition of mid size E&P company ***(Line entry)***	1.00	0.00	10.00
7	New project (Carababo project)	100.00	142.00	250.00
8	New projects (S-Block)	50.00	31.00	73.00
9	New E&P opportunities (Domestic/ Overseas)	0.00	0.00	15.00
	TOTAL (EXPLORATION & PRODUCTION) - II	**600.00**	**500.00**	**650.00**
III	**PETROCHEMICALS**			
1	Naphtha Cracker in Panipat	680.00	370.00	200.00
2	Facilities for production of PTA & Para-xylene at Gujarat	15.00	1.00	5.00
3	C4/C5 Based project at Panipat (Phase-1)	5.00	2.00	5.00
4	C4/C5 Based project at Panipat (Phase-2)	0.00	0.00	1.00

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
5	Acrylic based project & Oxo Alcoholic project at Gujarat	7.50	1.00	5.00
6	Naphtha Cracker and integrated complex at Paradip and Steam Cracker / Downstream Polymers in Barauni/ Paradip Refinery	1.00	0.50	2.00
7	Butadiene Extraction Unit (BDEU) at Panipat	107.00	62.00	95.00
8	SBR project at Panipat ***(Equity contribution)***	70.00	50.00	91.00
9	Coal/Coke gasification and Acetic Acid project at Gujarat	0.60	1.00	3.00
10	Augumentation of LAB Capacity at Gujarat	0.50	1.00	5.00
11	Oxo Alcohol Project at Mathura ***[Merged with Acrylic based project]***			
12	Cumene/ Phenol project at Haldia / BR	0.20	1.00	5.00
13	Acetic Acid project at Gujarat ***[Merged with Coal/Coke gasification]***	0.00		
14	PET project at Panipat	1.00	0.00	0.00
15	Paradip petrochemicals phase-I, Polypropylene project	5.00	5.00	5.00
16	Coal to Liquid (CTL) (Equity contribution for JV)	1.00	0.00	0.00
17	Recovery of Styrene from Naphtha Cracker at Panipat	5.00	0.50	5.00
18	Facilities for production of PX at Haldia & PX complex at Paradip	1.00	0.00	1.00
19	PX rewamp at Panipat for Py Gas integration	0.10	0.00	0.00
20	Butene-1 production at Panipat	0.10	2.00	5.00
21	Steam Cracker / Downstream Polymers in Barauni/ Paradip Refinery (₹ 22,600 crore) ***[Merged with Naphtha Cracker at Panipat]***			
22	PTA unit at Gujarat (₹ 4,100 crore) (in JV)	0.00	1.00	5.00
23	Elastomer Complex at PR (₹ 850 crore) (in JV)	0.00	1.00	5.00

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
24	Ethylene derivative complex at PDRP (₹ 2,000 crore) (in JV)	0.00	1.00	5.00
25	New LAB plant at coastal location	0.00	0.00	1.00
26	PX complex at Paradip ***[Merged with PX at Haldia)***			
27	Naphtha Cracker expansion at Panipat	0.00	0.00	1.00
	TOTAL (PETROCHEMICALS) - III	**900.00**	**500.00**	**450.00**
	GRAND TOTAL : (IOCL + BONGAIGAON REFINERY) (I + II + III)	**14500.00**	**11000.00**	**10000.00**

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL) ₹ in Crore

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
Exploration & Production		**460.00**	**215.00**	**300.00**
Refinery & Marketing				
Mumbai Refinery				
	Green Fuels & Emmission Control Project	50.00	**50.00**	**0.00**
	New FCCU	175.00	**102.00**	**0.00**
	Upgradation of LOBS Quality-FS	84.00	**84.00**	**0.00**
	Crude Tankage at Jawahar Dweep	0.00	**0.00**	**0.00**
	Electrical System Intergration / Reliability improvement	1.00	**0.00**	**0.00**
	Calico Land-Cavern / Tankage	1.00	**2.00**	**2.00**
	Value Addition facilities	0.00	**0.00**	**0.00**
	Export-Import facilities	0.00	**0.00**	**0.00**
	Sewree Tankage	0.00	**0.00**	**0.00**
	Relocation of Asphalt packaging to Vashi	0.00	**0.00**	**0.00**
	Fuel Gas Desulferisation unit (FGDS)	1.00	**0.00**	**0.00**
	Improvement in Effluent Treatment Process Unit (ETP)	5.00	**5.00**	**0.00**
	Desalination Plant	0.00	**0.00**	**0.00**
	Modernisation of Process facilities (Feasibility	0.00	**0.00**	**0.00**
	Residue Upgradation - PDA revamp	45.00	**45.00**	**5.00**
	Diesel Hydrotreater	500.00	**500.00**	**800.00**
	Energy conservation	1.00	**1.00**	**1.00**
	Feasibility study for Margin improvement	1.00	**1.00**	**1.00**
	Visbreaker	0.00	**0.00**	**0.00**

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
	Upgradation of Offsites and associated facilities	1.00	**1.00**	**1.00**
	Yield Improvement/Bottoms upgradation - SDA		**1.00**	**20.00**
	GTG Replacement 1,2,3 & 4 at MR		**0.00**	**50.00**
	Augmentation of Raw water supply	1.00	**0.00**	**0.00**
	Clean Fuels & Emission Control Project	0.00	**28.00**	**15.00**
	SPM and Crude Oil Terminal	147.00	**60.00**	**44.00**
	Diesel Hydrotreater	800.00	**800.00**	**700.00**
	FCCU II Revamp and FGDS	125.00	**15.00**	**20.00**
	Feasibility study of various Projects (CEC)	1.00	**1.00**	**1.00**
	Modernisation/Capacity Improvement	20.00	**13.20**	**70.00**
	Residue Upgradation	0.00	**0.00**	**0.00**
	NVRP	0.00	**0.00**	**0.00**
	Natural Gas			**60.00**
	GTG replacement		**0.00**	**50.00**
	Resitement of Visakh Marketing Terminal	310.00	**250.00**	**33.00**
	Resitement to Ennore Terminal	194.00	**99.00**	**0.00**
	Computers and Communication Network	0.00	**0.00**	**0.00**
	LPG Bottling Plants at plan locations and Tankage Augmentaion	100.00	**86.25**	**45.70**
	Underground Cavern storage at MLIF	0.00	**0.00**	**0.00**
	Construction of CNG Stations in Bangladesh	0.00	**0.00**	**0.00**
	Mundra-Delhi Pipeline	22.00	**41.58**	**2.43**
	Rewari - Kanpur Pipeline	29.50	**3.38**	**100.00**

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
Awa-Salawas Pipeline		8.00	**0.50**	**11.70**
VVPL Contingent Liabilities		0.20	**0.00**	**0.00**
MPPL Extension		3.50	**0.00**	**0.00**
DFR for Evacuation of GGSRL Bathinda Refinery white oil products by pipeline		0.00	**0.00**	**0.00**
Evacuation of GGSRL Refinery white oil products by pipeline		50.00	**50.44**	**2.10**
Cross country ATF pipeline from Bhahadurgarh to Delhi Airport		1.00	**1.00**	**50.00**
Subsea LPG Pipeline		50.00	**50.00**	**50.00**
LPG pipeline from Uran to Chakkan		35.00	**2.00**	**50.00**
Bathinda -Bahadurgarh LPG Pipeline		80.00	**0.00**	**0.00**
Mangalore-Blore LPG Pipeline		50.00	**2.00**	**25.00**
Gas Pipeline from Kakinada to Visakh		5.00	**0.00**	**5.00**
DFR for laying pipelines		2.50	**0.50**	**2.00**
R&D Project		80.20	**16.00**	**110.00**
Greenfield Refinery Project		100.00	**5.00**	**300.00**
Prize Petroleum Limited		25.00	**10.00**	**125.00**
Punjab Refinery Project incl. Crude Oil Pipeline & Crude Oil Terminal		75.00	**142.00**	**100.00**
Expansion of capacity-Visakh Refinery		0.00	**0.00**	**0.00**
HPCL Biofuels Ltd		40.00	**0.00**	**0.00**
LNG facilities at Mundra		0.00	**0.00**	**0.00**
New LNG Facilities		5.00	**5.00**	**50.00**
Hindustan Colas		0.00	**0.00**	**0.00**
Bhagyanagar Gas		20.00	**25.00**	**0.00**

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
	Avantika Gas	5.00	**5.00**	**20.00**
	Petronet MHB	0.00	**0.00**	**0.00**
	South Asia LPG Co Pvt Ltd			**10.00**
	CREDA HPCL Biofuel Ltd	40.00	**30.00**	**40.00**
	Gas Infrastructure in Northern region	0.00	**0.00**	**0.00**
	Gas Infrastructure in Various region	0.00	**0.00**	**0.00**
	Cross Country Gas Pipeline in consortium with GSPL/IOC/BPC	125.00	**72.00**	**50.00**
	State Natural Gas Grid		**0.00**	**5.00**
	Citi Gas Distribution Network		**0.00**	**50.00**
	Overseas Refinery/Marketing Assets	25.00	**0.00**	**5.00**
	JV with Renuka Sugar	0.00	**0.00**	**0.00**
	JV for Mangalore LPG Cavern storage	100.00	**0.00**	**50.00**
	PCPIR Project at Vizag	1.00	**5.00**	**25.00**
	Refinery at Rajasthan in JV with MRPL/EIL/Govt. of Raj.	0.00	**0.00**	**0.00**
	Petroleum India International	0.00	**0.00**	**0.00**
	Refinery & Marketing	**3540.90**	**2610.85**	**3156.93**
	Petrochemicals			
	Propylene Manufacturing facilities at Mumbai Refinery	0.10	**1.00**	**5.00**
	Mixed Xylenes from Continuous Catalytic Reformer(CCR) at Mumbai	1.00	**1.00**	**5.00**
	Mixed Xylenes from Continuous Catalytic Reformer (CCR) at Visakh	1.00	**0.50**	**0.50**
	Aromatic Project at Visakhapatnam	0.00	**0.00**	**0.00**
	Naphtha cracker	0.00	**0.00**	**0.00**
	Petrochemicals	**2.10**	**2.50**	**10.50**
	Total	**4003.00**	**2828.35**	**3467.43**

BHARAT PETROLEUM CORPORATION LIMITED (BPCL) ₹ in Crore

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
	Refineries : Completed schemes			
1	Production of high quality LOBS	2.00	1.00	1.00
2	Fuel Quality upgrade at Mumbai refinery	5.00	1.00	1.00
3	Kochi Refinery Modernisation Phase I	0.10	0.10	
4	Stand alone water supply scheme at Kochi refinery	9.50	0.10	9.00
5	Crude receipt facilities (SPM)at Kochi refinery	2.00	1.00	1.00
	Refineries : Ongoing / New			
6	Hydrocracker revamp and setting up of new CCR at Mumbai Refinery	400.00	600.00	750.00
7	CEMP Project Phase II at Kochi refinery	500.00	150.00	100.00
8	U P Refinery project	5.00	1.00	10.00
9	Integrated Refinery Expansion Project at Kochi refinery	11.00	140.00	330.00
10	Replacement of CDU / VDU at Mumbai Refinery		22.00	130.00
11	Provision for new facilities at Mumbai refinery			230.00
	Sub Total Refining	**934.60**	**916.20**	**1562.00**
	Marketing : Completed / Ongoing /New			
12	Bina Despatch Terminal	12.00	15.00	
13	Product pipeline from Bina to Kota	40.00	20.00	10.00
14	LPG Bottling plants Akolner, Kanpur, Kolhapur,Vizag, Ranchi and Raipur	75.20		116.00
15	LPG import facilities with strategic storage at Uran	70.00	45.00	5.00

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
16	LPG import facilities and development of strategic storage at Mangalore	50.00	1.00	1.00
17	Pipeline for transfer of LPG from BPCL / HPCL refineries to Uran LPG Plant & additional storage	150.00	140.00	46.00
18	LPG cross-country pipeline from Uran to Pune	60.00	5.00	5.00
19	LPG Import facilities at Ennore	40.00	1.00	5.00
20	LPG pipeline from Mangalore to Bengaluru		1.00	1.00
21	LPG pipeline from Dahej to Hariyala		1.00	1.00
22	LPG pipeline from Jamnager to Rajkot		1.00	1.00
23	LPG pipeline from HMELto Bhatinda LPG Plant		1.00	1.00
24	LPG pipeline from Kochi Refinery to Coimbatore LPG plant		1.00	1.00
25	Kota to Jobner Pipeline	101.00	2.00	133.00
26	Kota Piyala pipeline Capacity Augmentation	40.00	9.00	100.00
27	Provision for proposed cross country product pipeline	40.00	1.00	634.00
28	Provision for construction of Hydrant facilities at Chennai Airport	36.95	1.00	5.00
29	Provision for Setting up of new blending plants at Uran			150.00
	Sub Total Marketing	**715.15**	**245.00**	**1215.00**
30	**Investment in Gas Pipelines**	**317.70**	**22.00**	**200.00**
31	**Equity Investments in Joint Venture Companies**	**64.70**	**15.80**	**345.00**
	Investment in BORL	50.00	1.00	50.00
	Central UP Gas Ltd.	0.10	0.10	0.10
	Maharastra Natural Gas Ltd	0.10	0.10	0.10

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
	Sabarmati Gas Ltd.	0.10	0.10	0.10
	Bharat Stars Pvt. Ltd	0.10	0.10	0.10
	City gas projects in Karnataka & Kerala	0.10	0.20	0.10
	Provision for probable JVs	10.00	10.00	50.00
	Matrix Bharat Marine Services Pte. Ltd.	0.10	0.10	0.10
	Petronet CCK Ltd	1.00	1.00	1.00
	Bharat Renewable Energy Ltd.	3.00	3.00	3.30
	Delhi International Airport Ltd.	0.10	0.10	0.10
	Petrochemical complex at Kochi			240.00
32	***Exploration and Production activities through -***			
	Bharat Petro Resources Ltd (BPRL)	**798.00**	**1000.00**	**1157.00**
33	**Dropped schemes**	**35.00**	**0.00**	**0.00**
	Establishment of Aviaiton Station at proposed Navi Mumbai	10.00		
	Bina Jhansi Kanpur Pipeline	20.00		
	Desalination of sea water - Mumbai refinery	5.00		
	Total	**2865.15**	**2199.00**	**4479.00**

MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL) ₹ **in Crore**

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	**2**	**3**	**4**	**5**
1	Refinery up gradation cum Expansion Phase III	4615.00	3630.00	4393.68
2	Revamping of CDU/VDU	54.60	47.60	
3	Feasibility Study of New Projects	0.00	2.00	8.00
4	SPM Facilities off Mangalore coast	494.40	494.00	540.58
5	Contribution to Common Pipeline Corridor	0.00	50.00	0.00
6	Aromatic complex	0.00	0.00	1875.00
	Total	**5164.00**	**4223.60**	**6817.26**

CHENNAI PETROLEUM CORPORATION LIMITED (CPCL) ₹ in Crore

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
	Ongoing Schemes			
1	Crude Oil Pipeline / SPM	88.00	10.00	90.80
2	Desalination Project at Manali	0.00	0.00	0.00
	Total	**88.00**	**10.00**	**90.80**
	New Schemes - Petroleum			
3	Revamp of CDU / VDU of Ref. III from 3.0 to 4.0 MMTPA *	0	2.30	0.00
4	revamp of NHDT / CRU Unit in CCR *	0.00	3.30	0.00
5	Auto Fuel project to meet Euro IV Specification	388.45	254.76	180.62
6	Resid Upgradation Project	402.20	10.00	392.00
7	Manali Refinery Expansion Project - 6.0 MMTPA Expansion Project	0.00	0.00	20.00
8	Revamp of CDU / VDU of Refinery II	175.27	92.64	102.26
	Total	**965.92**	**363.00**	**694.88**
	Grand Total	**1053.92**	**373.00**	**785.68**

* Completed Projects.

NUMALIGARH REFINERY LIMITED (NRL) ₹ in Crore

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
A.	**CONTINUING SCHEMES(10 TH AND 11 TH PLAN SCHEMES)**			
1	Marketing Terminal at Siliguri	-	0.16	-
2	Diesel Quality UpgradationProject	19.50	15.00	-
3	Wax Project	32.97	26.00	209.00
4	Euro-IV MS/HSD production	5.00	0.26	-
5	JV - M/s Brahmaputra Cracker & Polymer Ltd. (Assam Gas Cracker Project)[GAIL/NRL/OIL/GOA]	43.00	48.75	23.00
6	JV - M/s DNP Ltd. (Natural Gas Pipeline from Duliajan to Numaligarh)[AGCL/NRL/OIL]	-	-	-
	SUB TOTAL (CONTINUING SCHEMES)	**100.47**	**90.17**	**232.00**
B.	**NEW SCHEMES(12TH PLAN SCHEMES)**			
7	Refinery Capacity Expansion from 3.0 to 8.0 / 9.0 MMTPA	-	-	20.00
8	New Pipeline for transporting imported crude from Dhamra port to Numaligarh as linked project to refinery capacity expansion	-	-	10.00
9	Foray into Power Generation			5.00
10	Product Pipelines from Siliguri			5.00
	SUB TOTAL (NEW SCHEMES)	**-**	**-**	**40.00**
	TOTAL (A+B)	**100.47**	**90.17**	**272.00**

BALMER LAWRIE & CO. LTD. ₹ in Crore

Sl. No.	Name of Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
A.	**Engineering**			
	CONTINUING SCHEMES			
1.	Packaging Products/Solutions for Lubricants and other similar products (Barrel Plants in various regions)	5.00	5.00	25.00
2.	Lubricating Oils, Greases and Speciality Lubricants and related services	10.00	10.00	8.00
3.	Equipment for Hydro Carbon Recovery for Crude Oil Storage Tanks/Lagoons	0.50	1.50	1.00
4.	Performance Chemicals	1.00	1.00	1.00
5.	Investment in JVC/Acquisition of business in the in the area of Travel & Tours/Logistics Services/ Industrial Packaging/Greases & Lubes/Leather Chemicals	10.00	10.00	8.00
6.	Additions/Modifications/Renewals/Replacement	2.00	2.00	2.00
7.	Infrastructure for Exports/Imports/ Container Freight Stations	24.50	16.50	4.00
8.	ERP Implementation	5.00	2.00	5.00
9.	IT related Infrastructure	2.00	2.00	1.00
	GRAND TOTAL	**60.00**	**50.00**	**55.00**

BIECCO LAWRIE LIMITED ₹ in Crore

Sl. No.	Name of Project / Scheme	2011-12 BE	2011-12 RE	2012-13 BE
1	2	3	4	5
1	Modernization of Switchgear Plant & Electric Repair and installation of Machinery	8	8	8

STATEMENT-II
PART-B

STATEMENT SHOWING BUDGET ESTIMATES FOR 2011-12 AND FINANCING PATTERN THEREOF

₹ in Crore

Sl. No.	Name of PSU	BE 2011-12	Internal Resources	Public Deposit	OIDB Assistance	Commerical Borrowings/ Suppliers Credit/ Multilateral Assistance	Debenture Right Issue Bonds	Others	Loan	Equity	Total Sources of financing Plan outlay
1	2	3	4	5	6	7	8	9	10	11	12
EXPLORATION											
1	OVL	7909.9	7101.9	0	0	-822	0	1630	0	0	7909.9
2	ONGC	33065.31	33065.31	0		0	0	0	0	0	33065.31
3	OIL	3378.29	3378.29	0	0	0	0	0	0	0	3378.29
4	GAIL	5866.77	1284.77	0	580	1293.4	986	1722.6	0	0	5866.77
5	IOC	650	145	0	0	243.75	130	131.25	0	0	650
6	HPCL	300	0	0	0	300		0	0	0	300
7	BPCL	1157	0	0	0	1157	0	0	0	0	1157
	SUB TOTAL(A)	**52327.27**	**44975.27**	**0**	**580**	**2172.15**	**1116**	**3483.9**	**0**	**0**	**52327.3**
REFINING & MARKETING											
1	HPCL	3156.93	0	0	0	1976.93	0	1180	0	0	3156.93
2	BPCL	3322	0	0	0	2022	1000	300	0	0	3322
3	CPCL	785.68	145.28	0	300	0	0	340.4	0	0	785.68
4	IOC	8900	1985.35	0	0	3337.5	1780	1797.15	0	0	8900
5	NRL	249	115.42	0	49.33	0	0	84.25	0	0	249
6	MRPL	3813	517	0	0	2450	0	846	0	0	3813
	SUB TOTAL(B)	**20226.61**	**2763.05**	**0**	**349.33**	**9786.43**	**2780**	**4547.8**	**0**	**0**	**20226.6**

STATEMENT-II
PART-B

STATEMENT SHOWING BUDGET ESTIMATES FOR 2011-12 AND FINANCING PATTERN THEREOF

₹ in Crore

Sl. No.	Name of PSU	BE 2011-12	Internal Resources	Public Deposit	OIDB Assistance	Commerical Borrowings/ Suppliers Credit/ Multilateral Assistance	Debenture Right Issue Bonds	Others	Loan	Equity	Total Sources of financing Plan outlay
1	2	3	4	5	6	7	8	9	10	11	12
PETROCHEMICALS											
1	IOC	450	100.38	0	0	168.75	90	90.87	0	0	450
2	HPCL	10.5	0	0	0	10.5	0	0	0	0	10.5
3	CPCL	0	0	0	0	0	0	0	0	0	0
4	GAIL	3580.5	262.5	0	420	936.6	714	1247.4	0	0	3580.5
5	NRL	23	23	0	0	0	0	0	0	0	23
6	MRPL	3004	0	0	0	0	0	3004	0	0	3004
	SUB TOTAL[C]	**7068**	**385.88**	**0**	**420**	**1115.85**	**804**	**4342.3**	**0**	**0**	**7068**
ENGINEERING											
1	BALMER LAWRIE LTD	55	35	0	0	0	0	20	0	0	55
2	BIECCO LAWRIE LTD	8	0	0	0	0	0	8	0	0	8
	SUB TOTAL (D)	**63**	**35**	**0**	**0**	**0**	**0**	**28**	**0**	**0**	**63**
	GRAND TOTAL (A+B+C+D)	**79684.88**	**48159.2**	**0**	**1349.33**	**13074.43**	**4700**	**12402**	**0**	**0**	**79684.9**

STATEMENT-II
Part-C

PLAN OUTLAY **(₹ in Crore)**

S.No. Name of PSU	Acutal 2008-09	Acutal 2009-10	Acutal 2010-11	BE 2011-12	RE 2011-12	Actual Upto 31-12-2011	BE 2012-13
EXPLORATION							
OVL	16104.9	4991.89	5650.21	8686.93	8618.95	6016.24	7909.9
ONGC	21820.11	23559.05	28275.54	30040.02	31316	19261.80	33065.31
OIL	1631.89	1556.86	1742.76	3180.33	2262.68	1312.4	3378.29
GAIL	2716.24	3540.94	4882.45	4527.56	5717.73	3924.03	5866.77
IOC	195.59	222.22	371.91	600	500	253.54	650
HPCL	89.94	249.59	93.82	460	215	51.95	300
BPCL	400.04	200	799.26	798	1000	637.65	1157
Sub Total(A)	**42958.71**	**34320.55**	**41815.95**	**48292.84**	**49630.36**	**28966.4**	**52327.27**
Refining & Marketing							
HPCL	1204.69	2832.11	3006.11	3541	2610.85	1670.31	3156.93
BPCL	1575.6	2890.47	1483.89	2067.15	1199	446.32	3322
CPCL	422.96	892.51	674.78	1053.92	373	316.64	785.68
KRL	0	0	0	0	0	0	0
BRPL	0	0	0	0	0	0	0
IOC	5451.79	8767.69	7225.15	13000	10000	7274.84	8900
EIL	0	0	0	0	0	0	0
IBP Co. Ltd.	0	0	0	0	0	0	0
NRL	108.42	229.04	116.36	57.47	41.42	15.4	249
MRPL	266.39	1357.72	3853.11	5164	3693.6	2370.6	3813
Sub Total(B)	**9029.85**	**16969.54**	**16359.4**	**24883.54**	**17917.87**	**12094.11**	**20226.61**
Petrochemical							
IOC	4705.14	3266.25	2233.96	900	500	326.14	450
HPCL	0	0	0	2	2.5	0	10.5
BPCL	0	0	0	0	0	0	0
CPCL	0	0	0	0	0	0	0
KRL	0	0	0	0	0	0	0
BRPL	0	0	0	0	0	0	0
GAIL	70.09	159.1	317.7	622.44	1161.23	544.74	3580.5
ONGC	0	0	0	0	0	0	0
NRL	28.28	0	22.88	43	48.75	48.75	23
MRPL	15	56.2	136.57	0	530	349.81	3004
Sub Total(C)	**4818.51**	**3481.55**	**2711.11**	**1567.44**	**2242.48**	**1269.44**	**7068**
Engineering							
IBP Co. Ltd.	0	0	0	0	0	0	0
Balmer Lawrie Ltd.	19.1	41.34	45.03	60	50	19.7	55
Biecco Lawrie	0	0	0	8	2	0	8
Sub Total (D)	**19.1**	**41.34**	**45.03**	**68**	**52**	**19.7**	**63**
Grand Total (A+B+C+D)	**56826.17**	**54812.98**	**60931.49**	**74811.82**	**69842.71**	**42349.65**	**79684.88**

CHAPTER VI

REVIEW OF PERFORMANCE OF STATUTORY AND AUTONOMOUS BODIES

1. OIL AND NATURAL GAS CORPORATION LIMITED (ONGC)

Oil and Natural Gas Corporation Ltd. (ONGC), engaged in exploration and exploitation of oil, natural gas and value added products (VAP), was incorporated on June 23, 1993 under Companies Act 1956, pursuant to Govt. of India's decision to transform the statutory Commission into a Public Limited Company, through Parliament Act for Oil and Natural Gas Commission (Transfer of Undertaking and Repeal Act, 1993). The authorized and paid up capital of ONGC as on 31.3.2011 is ₹ 15000 Crore and ₹ 4278 Crore respectively. ONGC Videsh Limited is a wholly owned subsidiary, of which the entire equity of ₹1000 Crore as on 31.3.2011 is held by ONGC. Mangalore Refineries and Petrochemicals Ltd.(MRPL) is another partially owned subsidiary where ONGC has 71.62% equity stake with management control.

1. Physical performance (ONGC Standalone)

Activity	Unit	2010-11 BE	2010-11 RE	2010-11 Actual	2011-12 BE	2011-12 RE	*2011-12 Actuals upto Dec.'11	2012-13 BE
Crude Oil Production	MMT	25.425	24.550	24.419	24.774	23.912	17.933	25.046
Natural Gas Production	MMSCM	21483	22921	23095	23536	23192	17288	24877
Natural Gas Sales	MMSCM	16579	17978	18262	18530	18200	13454	19694
Value Added Products#	KT	3084	3260	3203	3358	3327	2386.82	3581

* Provisional

#Value Added Products includes LPG, C2-C3, SKO, ATF, Naphtha, HC, HSD etc.

2. Historical Plan Outlays : (₹ in Crore)

Parameter	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 BE	2011-12 RE	2011-12 Actual Exp. Apr.-Dec.11	2012-13 BE
Plan Outlay	21820.12	23559.05	28,275.54	30,040.47	31,316.00	19,261.80	33,065.31

3. Plan Outlay and Income : (₹ in Crore)

Parameters	2010-11 Actual	2011-22 BE Target	2011-22 RE Target	2011-22 Actual Exp. Apr.-Dec.11	2012-23 BE
Plan Outlay	28,275.54	30,040.47	31,316.00	19,261.80	33,065.31
Total Income (Incl. Interest Income)	72,039.51	68,852.63	77,306.00	64,142.18	86,239.01
Net Profit	18,924.00	15,073.42	18,320.72	19478.54	20,832.54

*As per board approved Q3 results.

4. Source of Funds for the Plan Budget

The Plan expenditure of ₹28275.54 Crores for 2010-11 and ₹ 31316.00 Crores (RE) for 2011-12 is fully financed through Internal Resources generated from operations .The pattern of Internal Resources generation for the years 2011-12(RE) and 2012-13 (BE) are as given in the table below:-

(₹ Crores)

Particulars	**2011-12 (RE)**	**2012-13 (BE)**
Net Internal Resources available for plan	31316.00	33065.31
Public Deposits	0.00	0.00
OIDB Assistance	0.00	0.00
Commercial borrowing/Supplier Credit/ Multilateral assistance	0.00	0.00
Debenture/Rights issue/Bonds	0.00	0.00
Others	0.00	0.00
Loan	0.00	0.00
Equity	0.00	0.00
Total Extra budgetary Resources	0.00	0.00
Total internal & external sources of financing Plan outlay	**31316.00**	**33065.31**
Plan Outlay	**31316.00**	**33065.31**
Budgetary Support	**0.00**	**0.00**

5. Gender Budgeting; Details of women employees :

List of highlights of the schemes / programmes which are gender specific in ONGC are given below:

a. Statutory obligations

All statutory obligations as per the Factories Act 1948 with respect to setting up of crèches wherever required are being followed. Further, restriction on employment of women before 6 am and after 7 pm are being observed.

Under the Mines Act 1952, no women employee is being employed in any part of mine which is below ground and in any mine above ground except between 6 am to 7 pm.

As per the Maternity Benefit Act 1961 all provisions are being followed with respect to leave, wages etc.

As per the Equal Remuneration Act 1976 the organization pays equal remuneration to women employees. Further, no discrimination is made while making recruitment.

b. Training & Development

Adequate representation of women employees is ensured in nominations for training programmes / conferences held both in India and abroad. In addition, special training programmes are organized by ONGC Academy as well as in RTIs spread over different workcentres of ONGC. These programmes focus on achieving balance between professional and personal responsibilities, leadership skills required in taking up higher positions, strategies for professional growth and development etc.

As regards training and development was concerned, special care and measures are always taken to improve gender representation in all the major activities of the company. Apart from exclusive trainings organized for women employees, it is always ensured to nominate them in all other relevant trainings.

ONGC provides adequate facilities to its women employees to enable them in discharging their duties efficiently and also encourages them in leadership roles. Women are encouraged in decision making roles by ensuring their participation in various committees and assigning positions of responsibilities to them. It is pertinent to mention here that in ONGC out of a total of **2050** women employees, **1259** women officers are at Class-1 level. The total percentage of women employees in the workforce as on 30.11.2011 is **6.25%.**

c. Socio-Cultural Activities

As part of Social Development Policy, ONGC undertakes various programmes at its workcentres. The beneficiaries of these welfare schemes are taken as a whole and not categorized on gender basis at present. But there are a few schemes which are taken up especially for women as part of these programmes.

During 2010-11 and 2011-12 (till date), ONGC supported certain initiatives and programmes which aimed at benefiting women especially those belonging to the weaker sections of the Society.

d. Women Development Forum (WDF) in ONGC

Based on the recommendation of National Commission for Women, Women Development Forums were set up in all regions / projects / work centres of ONGC in March, 1998 to look after the welfare and development of women employees in ONGC. The functions of WDF in ONGC are :

Welfare of Women Employees.

Improvement in Working Conditions

Training & Development of Women

Redressal of Grievances

Code of Conduct at the Work-place

Setting up of Complaints Committee:

An independent Complaints Committee has been set up at all Assets / Basins / Work-centres to deal with cases of sexual harassment at the work-place.

Oil and Natural Gas Corporation Limited
Financial Efficiency Parameters

Sl. No.	Details	2010-11 Actual	2011-12 BE	2011-12 RE	2011-12 Upto 31/12/2011	2012-13 BE
1	Sales	69519.57	67215.36	73891.83	61358.80	84081.82
2	Cost of Sales	41900.60	44644.45	46772.13	32354.15	53243.93
3	Cost of Sales as percentage of Sales	60%	66%	63%	53%	63%
4	Total Cost of Production	34801.17	37582.57	39708.66	27084.94	45638.36
5	Total Sale Value of Production	62420.14	60153.48	66828.37	56089.58	76476.26
6	Cost of Production as percentage of Sale value of production	56%	62%	59%	48%	60%
7	Total Value added	42317.20	40472.45	43880.65	39679.53	51284.57
8	Value added per employee	1.27	1.17	1.25	1.20	1.50
9	Ratio of Net Profit After Tax to Net Worth	20%	15%	17%	17%	17%
10	Ratio of Gross Margin to Capital employed	52%	42%	49%	42%	51%
11	Contribution to Central Govt. Exchequer					
	(a) Cess/Excise Duty	6313.26	6362.90	6342.36	4632.74	6766.09
	(b) Royalty	3651.89	3697.58	3652.11	3252.68	4301.31
	(c) Customs Duty	0.00	0.00	0.00	0.00	0.00
	(d) Corporate tax	8694.97	7497.49	8798.99	9526.11	10005.35
	(e) Tax on Foreign Companies A/c	0.00	0.00	0.00	0.00	0.00
	(f) Dividend	5550.19	5233.01	5074.44	0.00	5074.44
	(g) Tax on Dividend	1215.60	1172.29	1110.33	-24.45	1110.33
	Sub-total (11)	25425.91	23963.27	24978.23	17387.07	27257.52
12	Contribution to State Government Exchequer					
	(a) Sales Tax including turnover tax	333.93	291.27	343.62	288.12	404.60
	(b) Royalty	3485.40	3575.40	5469.17	3947.15	6298.86
	(c) Octroi/BPT Duties	452.24	407.71	377.49	348.36	434.88
	Sub-Total (12)	4271.57	4274.38	6190.27	4583.63	7138.34
12A	Total Contribution to Central/State Exchequer (11+12)	29697.48	28237.65	31168.50	21970.69	34395.86
13	Number of Employees on roll					
	(a) Officers					
	(b) Workmen (Technical)					
	(c) Workmen (Non-Technical)					
	Sub-total (13)	33273	34447	35166	32986	34212

Oil and Natural Gas Corporation Limited
Financial Efficiency Parameters

Sl. No.	Details	2010-11 Actual	2011-12 BE	2011-12 RE	2011-12 Upto 31/12/2011	2012-13 BE
14	Total Manpower Cost	1249.00	1157.00	1490.00	974.75	1568.00
15	Retained Profit	10222.30	6842.85	10365.98	19502.99	12877.81
16	Internal Resources Generated	31119.12	17422.91	26779.46	30507.02	27971.37
17	Net Internal Resources	28275.54	30040.02	31316.00	19261.80	33065.31
18	Approved Plan outlay restricted to	28275.54	30040.02	31316.00	19261.80	33065.31
19	Foreign exchange outgo					
	(a) Services	0	0	0	0	0
	(b) Interest and Repayment of Foreign Loans & others	0	0	0	0	0
	Sub-total (19)	0	0	0	0	0
20	Profit Before Tax (after Interest & Depreciation)	27618.97	22570.91	27119.70	29004.64	30837.89
21	Provision for Tax	8694.97	7497.49	8798.99	9526.11	10005.35
22	Profit after Tax	18924.00	15073.42	18320.72	19478.54	20832.54

Oil and Natural Gas Corporation Limited
Financial Efficiency Parameters
Part-1
Retained Profit / Surplus

Sl. No.	Details	2010-11 Actual	2011-12 BE	2011-12 RE	2011-12 Upto 31/12/2011	2012-13 BE
1	**RECEIPTS**					
	(i) Sales	66137.72	66389.71	72652.39	57153.83	82600.65
	(ii) Other Income	3381.85	825.65	1239.44	4204.96	1481.17
	(iii) Interest Receipts	2519.94	1637.28	3414.19	2783.38	2157.19
	Sub Total (1)	72039.51	68852.63	77306.02	64142.18	86239.01
2	**EXPENDITURE**					
	(i) Production expenditure	14214.65	13565.05	15316.44	10184.97	16159.52
	(ii) Statutory Levies	14236.72	14334.86	16184.74	12469.04	18205.73
	(iii) Excahnge loss	-15.21	0.00	53.40	541.82	0.00
	Sub Total (2)	28436.16	27899.90	31554.58	23195.83	34365.25
3	DEPRECIATION & WRITE-OFFS	15925.65	18280.52	18622.00	11922.22	21035.87
4	INTEREST PAYMENT					
	(i) Central Govt.	0.00	0.00	0.00	0.00	0.00
	(ii) Others	25.11	101.30	9.74	12.40	0.00
	Sub Total (4)	25.11	101.30	9.74	12.40	0.00
5	Bonus to Employees(including honorarium & gratuity)					
6	Prior Period Adjustment	33.63			7.08	
7	Profit Before Tax	27618.97	22570.91	27119.70	29004.64	30837.89
8	Provision for Corporate Tax	8694.97	7497.49	8798.99	9526.11	10005.35
9	Profit After Tax	18924.00	15073.42	18320.72	19478.54	20832.54
10	Dividend payments to Central Govt. & Others	7486.10	7058.28	6,844.40	0	6,844.40
11	Tax on Dividend	1215.60	1172.29	1,110.33	-24.45	1,110.33
12	Retained Surplus carried over to Part-II	10222.30	6842.85	10,365.98	19,502.99	12,877.81

Oil and Natural Gas Corporation Limited
Financial Efficiency Parameters
Part-II
Generated Internal and Extra Budgetary Resources for Plan Schemes

Sl. No.	Details	2010-11 Actual	2011-12 BE	2011-12 RE	2011-12 Upto 31/12/2011	2012-13 BE
1	RETAINED PROFIT/SURPLUS FROM PART-1	10222.30	6842.85	10365.98	19502.99	12877.81
2	ADD: Depreciation & Add backs	15925.65	18280.52	18622.00	11922.22	21035.87
3	DEDUCT					
	(i) Loan Repay Govt.India		0.00			
	(ii) Loan Repay Others		0.00			
	(a) Total Loan Repayments		0.00			
	(b) Net Increase/Decrease in Working Capital	-4981.41	7700.46	2261.92	1460.00	5942.30
	Subtotal (3)	-4981.41	7700.46	2261.92	1460.00	5942.30
4	ADD: Loan Revaluation	-10.24	0.00	53.40	541.82	0.00
5	Total Internal Resources (other than from GOI)	31119.12	17422.91	26779.46	30507.02	27971.37
6	Investments (net)/ Carry forward surplus available from pervious year/Maturity of short term investments	2843.58	-12617.11	-4536.54	11245.22	-5093.94
7	Adjusted Internal Resources available for plan	28275.54	30040.02	31316.00	19261.80	33065.31
8	EXTRA-BUDGETARY RESOURCES					
	(a) Other Loans		0.00			
	(b) Indian Loans (OIDB)					
	(c) Project Tied Credit (WB,ADB)					
	(d) Line of Credit					
	(e) Cash credit (SBI)					
	Subtotal (10)	0.00	0.00	0.00	0.00	0.00
9	Total Internal & External Budgetary Resources (9+10)	28275.54	30040.02	31316.00	19261.80	33065.31
10	Plan Outlay	28275.54	30040.02	31316.00	19261.80	33065.31
11	Surplus / Deficit for the Year	0.00	0.00	0.00	0.00	0.00

2. ONGC VIDESH LIMITED (OVL)

OVL, a wholly owned subsidiary of ONGC, was incorporated as Hydrocarbons India Private Limited on March 5, 1965 to perform international Exploration and Production business, while formalizing the contracts to explore and develop oil fields in Iran. Its name was changed to ONGC Videsh Limited on June 15, 1989. The Authorized and Paid-up share capital of OVL as on 31.3.2011 and 31st December 2011 stood at ₹ 1,000 Crore.

The primary business of the company is to prospect for oil and gas acreages abroad, which includes acquisition of oil and gas fields, exploration, production, transportation and sale of oil and gas.

The Government of India, in January 2000, empowered OVL's Board of Directors to approve investments in overseas exploration, development and production projects up to ₹ 200 Crore, which in February 2005 was increased to USD 75 million or ₹ 300 Crore whichever is less. Projects beyond this value require approval of ONGC Board for up to ₹ 5000 Cr or consideration by Empowered Committee of Secretaries (ECS), consisting of Secretaries from various Ministries of the Government of India and thereafter approval of the Cabinet Committee on Economic Affairs (CCEA).

OVL, in 2002-03, became the 1st Indian company to produce oil and gas overseas. Now it is the 2nd largest Indian PSU company in terms of its oil and gas reserves & production (1st being ONGC, the parent company of OVL). OVL Currently has presence in 15 countries; Vietnam, Sudan, South Sudan, Russia, Iraq, Iran, Myanmar, Libya, Syria, Egypt, Cuba, Colombia, Nigeria, Brazil, Venezuela, and has 33 oil and gas projects. Nine projects are hydrocarbon producers. Four projects are under development/Appraisal and remaining 19 projects are in various stages of exploration. One Pipeline project, an engineering project at Sudan was completed in August 2005. Out of 33 projects, OVL is Operator in 11 projects and Joint Operator in 6 projects.

OVL started with a small oil and gas production of 0.253 MMTOE in 2002-03 which had increased to 9.448 million ton of oil and oil equivalent (MMTOE) in 2010-11, of which 6.756 MMT is oil & condensate and 2.692 BCM is gas. The production of oil and gas in 2009-10 was 8.870 MMTOE. OVL's share of crude oil and natural gas production is currently from 9 projects in eight countries, viz., Russia, North & South Sudan, Vietnam, Syria, Colombia, Venezuela and Brazil. During the current year 2011-12, the production of oil and gas upto December'11 was provisionally recorded as 6.741 MMTOE of oil & oil equivalent gas comprising 4.923 MMT of oil and 1.818 BCM of gas.

The consolidated turnover of OVL during the financial year 2010-11 was ₹ 18,683.20 Crore registering a 21.46% increase from the turnover of ₹ 15,382.80 Crore in 2009-10 and the Profit after Tax in

2010-11 was ₹ 2,690.55 Crore, against ₹ 2,089.58 Crore for 2009-10 registering a 28.76% increase. This was due to higher production & oil price realization in 2010-11.

PROJECTWISE PLAN OUTLAY

₹ **Crore**

Sl. No.	Name of the Project	2010-11 BE	2010-11 RE	2010-11 ACTUAL	2011-12 BE	2011-12 RE	2011-12 Apr-Dec (Prov.)	2012-13 BE
I	**OPERATED PROJECTS**							
1	Myanmar AD2	1.58	0.52	0.39	-	-	-	-
2	Myanmar AD3	1.25	0.59	0.18	-	-	-	-
3	Myanmar AD9	1.09	0.57	0.13	-	-	-	-
4	Myanmar AD7	-	-	-	-	-	-	-
5	Vietnam - 127	-	-	-	-	-	-	-
6	Vietnam - 128	18.60	8.34	6.25	76.45	26.06	-	76.80
7	Libya 81-1	22.13	0.73	0.00	-	2.35	9.38	-
8	Contract Area 43 Libya	25.73	10.81	15.60	39.18	5.82	-	56.28
9	Cuba-1(Blk-34,35)	35.73	9.10	13.64	45.84	23.93	15.18	9.67
10	Qatar- Najwat Najem	-	-	(0.50)	-	-	-	-
11	Iraq, Block 8	4.65	-	-	-	-	-	-
12	Sudan Pipeline	-	-	-	-	-	-	-
13	Caribbean - RC8	2.97	3.26	2.75	6.44	5.96	1.53	26.68
14	Caribbean - RC10	3.67	5.28	3.59	5.02	7.03	1.97	43.87
15	Iran - Farsi	19.93	2.85	2.22	3.35	3.51	1.00	4.52
16	BM-ES-42	21.39	3.87	3.31	7.12	14.10	0.18	120.00
17	BM-S-73	434.68	60.20	23.08	241.37	516.98	549.76	4.80
18	Imperial Energy (Jarpeno)	1,049.81	953.61	829.27	640.26	541.40	321.28	138.96
19	CPO 5, Colombia	28.37	74.75	81.41	24.52	53.00	5.23	116.52
	Sub Total Operated Projects	**1,671.58**	**1,134.48**	**981.33**	**1,089.56**	**1,200.13**	**905.51**	**598.10**

₹ **Crore**

Sl. No.	Name of the Project	2010-11 BE	2010-11 RE	2010-11 ACTUAL	2011-12 BE	2011-12 RE	2011-12 Apr-Dec (Prov.)	2012-13 BE
II	**JOINTLY OPERATED PROJECTS**							
1	GNOP,SUDAN	499.18	453.77	409.06	479.40	484.52	361.72	493.59
2	MECL COLOMBIA	204.60	479.60	393.39	475.60	557.04	441.33	579.01
3	OMEL-NIGERIA OPL 279	248.78	26.75	29.34	3.17	4.03	1.45	0.65
4	OMEL-NIGERIA OPL 285	168.75	130.81	54.15	9.61	5.32	6.31	12.78
5	Carabobo, Venezuela	-	254.57	249.86	463.22	309.20	270.15	198.62
6	PIVSA - Sancristobal, Venezuela	55.35	186.01	119.14	284.76	154.66	106.57	128.34
	Sub Total jointly Operated Projects	**1,176.65**	**1,531.52**	**1,254.93**	**1,715.76**	**1,514.77**	**1,187.53**	**1,412.99**
III	**NON OPERATED PROJECTS**							
1	AFPC, SYRIA	61.85	58.10	737.70	61.94	68.48	34.18	68.13
2	BLOCK - BC10, BRAZIL	371.12	424.65	216.26	430.14	545.88	405.69	875.14
3	ONL -JDZ BLOCK 2	4.65	-	0.72	-	-	-	-
4	Sakhalin-1	2,464.50	1,845.94	1,964.47	2,070.59	2,287.33	1,886.25	1,936.16
5	Block 5A, Sudan	164.52	80.35	45.50	99.39	144.71	76.38	118.96
6	Block 5B, Sudan-	-	-	-	-	-	-	-
7	Vietnam 06.1	175.91	146.32	123.22	470.85	442.12	231.26	146.74
8	Myanmar A1	390.76	96.00	52.29	394.80	374.38	240.14	376.17
9	Myanmar A3	120.09	99.88	43.89	125.05	158.63	149.77	86.59
10	Libya NC 188 & 189	4.65	4.55	0.67	4.45	-	-	-
11	Cuba-2 (24,25,26,27,29,35)	18.60	4.85	17.43	5.10	148.56	29.38	81.67
12	Egypt - North Ramadan	79.05	-	0.07	-	-	-	-
13	Syria-Block 24	16.19	95.96	57.52	121.22	128.31	109.69	23.54

₹ **Crore**

Sl. No.	Name of the Project	2010-11 BE	2010-11 RE	2010-11 ACTUAL	2011-12 BE	2011-12 RE	2011-12 Apr-Dec (Prov.)	2012-13 BE
14	Nemed, Egypt	27.90	-	2.93	-	-	0.78	-
15	MTPN-CONGO	4.65	-	-	-	-	-	-
16	Caribbean - RC9	1.72	8.94	-	7.98	11.56	(0.67)	2.88
17	Turkmenistan	-		-		-	-	
18	BM - BAR1, Brazil	2.79	20.38	1.45	2.14	144.10	-	4.80
19	BM - SEAL4, Brazil	54.17	243.79	4.00	1.16	249.10	4.89	-
20	Colombia, SSJN7	52.59	1.41	0.75	35.60	21.01	11.96	39.60
21	Myanmar-Offshore Midstream	145.22	113.74	56.88	109.47	110.99	82.43	105.11
22	Myanmar-Onshore Midstream	23.25	144.62	15.07	322.70	166.77	101.58	311.72
23	Satpayev, Kazakhstan		447.45	-	28.48	523.25	479.59	80.82
24	BMS-74, Brazil		4.55	0.66	130.27	145.28	49.13	-
	Sub Total Non-Operated Projects	**4,184.17**	**3,841.50**	**3,341.45**	**4,421.32**	**5,670.47**	**3,892.43**	**4,258.04**
IV	New Acquisitions / BD	1,609.68	100.01	37.60	1,446.25	50.00	10.65	1,557.50
V	HQ	20.70	13.34	34.89	14.05	183.58	20.12	83.26
	GRAND TOTAL - PLAN OUTLAY	**8,662.78**	**6,620.85**	**5,650.21**	**8,686.93**	**8,618.95**	**6,016.24**	**7,909.90**

PHYSICAL PERFORMANCE ₹ **Crore**

Sl. No	Products	Unit	2010-11				2011-12				2012-13
			BE	MOU	RE	Actual	BE	MOU	RE	Actual upto Dec.11 (Prov.)	BE
1.	Crude Oil Production	MMT	5.997	6.200	6.580	6.756	6.365	6.496	6.491	4.923	6.213
2.	Natural Gas Production	BCM	1.903	2.000	2.106	2.692	2.098	2.254	2.334	1.818	2.514
3.	Total	MMTOE	7.900	8.200	8.686	9.448	8.463	8.750	8.825	6.741	8.727

Note: 1BCM of Gas has been taken as 1 MMT of Oil equivalent.

Source of Funds

The source of funds for the projects of OVL is from internal accruals, borrowings from ONGC, the parent company and from the market.

Generation of Internal Resources

The outlay for 2011-12 RE of ₹ 8,618.95 Crore will be financed through internal resource of ₹ 8,894.13 Crore and repayment of borrowing of ₹ 275.18 Crore. The outlay for 2012-13 BE of ₹ 7,909.90 Crore will be financed through internal resource of ₹ 7,101.91 Crore and Net Borrowing of ₹ 807.99 Crore.

₹ **Crore**

Particulars	**2010-11**	**2011-12**		**2012-13**
	Actual	**BE**	**RE**	**BE**
Net Internal Resources available for Plan	5,757.79	5,238.68	8,894.13	7,101.91
Extra Budgetary Resources	(107.58)	3,448.25	(275.18)	807.99
Total Internal and Extra Budgetary Resources	5,650.21	8,686.93	8,618.95	7,909.90
Plan Outlay	5,650.21	8,686.93	8,618.95	7,909.90
Budgetary Support	0.00	0.00	0.00	0.00

PROFITIBALITY

The profitability position of the Company is given below :-

₹ **Crore**

Particulars	**2010-11**	**2011-12**			**2012-13**
	Actual	**BE**	**RE**	**Actual upto Dec. 11 (Awaited)**	**BE**
Revenue	18,683.20	13,930.71	21,744.55	-	18,176.21
Profit Before Tax	4,906.65	2,963.73	7,633.66	-	5,747.40
Profit After Tax	2,690.55	1,227.85	4,391.47	-	3,328.02

ONGC Videsh Ltd.
Financial Effeciency Parameters

Sl. No.	Details	Unit	2010-11 Actual	2011-12 BE	2011-12 RE	(Apr. to Dec. 2011)-	2012-13 BE
1	Sales	₹ Cr.	18,683.20	13,930.71	21,744.55	17,266.42	18,176.21
2	Cost of Sales	₹ Cr.	13,776.54	10,966.98	14,110.88	11,803.79	12,428.82
3	Cost of Sales as percentage of Sales	%	73.74%	78.73%	64.89%	68.36%	68.38%
4	Total Cost of Production	₹ Cr.	13,776.54	10,966.98	14,110.88	11,803.79	12,428.82
5	Total Sale Value of Production	₹ Cr.	18,683.20	13,930.71	21,744.55	17,266.42	18,176.21
6	Cost of Production as percentage of sale value of Production	%	73.74%	78.73%	64.89%	68.36%	68.38%
7	Total Value Added	₹ Cr.	6,572.54	4,378.37	8,531.37	5,885.43	6,407.50
8	Value added per employee	₹ Cr.	28.21	14.59	31.02	24.63	18.31
9	Ratio of Net Profit After Tax to Net Worth	%	18.49%	8.35%	23.18%	15.98%	14.94%
10	Ratio of Gross Margin to Capital Employed	%	32.24%	25.81%	37.41%	28.92%	29.29%
11	Contribution top Central Govt. Excehuer	₹ Cr.					
a	Cess/Excise Duty	₹ Cr.					
b	Royalty	₹ Cr.					
c	Customs Duty	₹ Cr.					
d	Corporate Tax**	₹ Cr.	2,204.84	1,705.20	3,171.74	2,106.28	2,364.94
e	Tax on Foreign Companies A/C	₹ Cr.					
f	Dividend	₹ Cr.					
	Tax on Dividend	₹ Cr.					
	Sub Total (11)	₹ Cr.	**2,204.84**	**1,705.20**	**3,171.74**	**2,106.28**	**2,364.94**
12	Contribution to State Exchequer	₹ Cr.					
a	Sales Tax including Turnover Tax	₹ Cr.					
b	Royalty	₹ Cr.					
c	Octroi/BPT	₹ Cr.					
	Sub Total (12)	₹ Cr.	**-**	**-**	**-**		**-**
12A	Total Contribution to Central/Sate Excehuer	₹ Cr.	2,204.84	1,705.20	3,171.74	2,106.28	2,364.94
13	Number of Employee on roll						
	Executive	Nos	233	300	275	239	350
	Non Executive	Nos	-	-	-	-	-
	Sub Total (13)	**Nos**	**233**	**300**	**275**	**239**	**350**
14	Profit Before Tax	₹ Cr.	4,906.65	2,963.73	7,633.66	5,462.63	5,747.40
15	Provision for Tax, Prior Period & Minority Interest	₹ Cr.	2,216.11	1,735.87	3,242.20	2,097.18	2,419.38

ONGC Videsh Ltd.
Financial Effeciency Parameters

Sl. No.	Details	Unit	2010-11 Actual	2011-12 BE	2011-12 RE	(Apr. to Dec. 2011)-	2012-13 BE
16	Profit After Tax, Prior Period & Minority Interest	₹ Cr.	2,690.55	1,227.85	4,391.47	3,365.45	3,328.02
17	Retained Profit	₹ Cr.	2,690.55	1,227.85	4,391.47	3,365.45	3,328.02
18	Internal Resources Generated	₹ Cr.	5,757.79	5,238.68	8,894.13	7,144.68	7,101.91
19	Net Internal Resources	₹ Cr.	5,757.79	5,238.68	8,894.13	7,144.68	7,101.91
20	Extra Budgetary Resources*	₹ Cr.	(107.58)	3,448.25	(275.18)	(1,128.44)	807.99
21	Total Internal & Extra Budgetray Resources	₹ Cr.	5,650.21	8,686.93	8,618.95	6,016.24	7,909.90
22	Plan Outlay ***	₹ Cr.	5,650.21	8,686.93	8,618.95	6,016.24	7,909.90

*** Extra Budgetary Resources indicate Borrowings/(Repayment) from/to Parent Company**
**** Corporate Tax includes Foreign tax as well**
***** Plan Outlay for April - December, 2011 is Provisional**

3. OIL INDIA LIMITED (OIL)

Oil India Limited (OIL) is a public sector undertaking engaged in Exploration and Exploitation of Hydrocarbons. It is also engaged in extraction of LPG by fractionalization of natural gas and transportation of crude oil produced by OIL and ONGC in North East Region to four refineries viz. Numaligarh, Guwahati, Bongaigaon and Digboi in that region. The authorized share capital of the company is ₹ 500 crores and the paid up capital is ₹ 240.45 crores.

PHYSICAL PERFORMANCE

CRUDE OIL PRODUCTION

The BE/RE target for production of crude oil during 2011-12 is set at 3.76 MMT. Crude Oil production for first 9 months of the year 2011-12 (April-December 2011) is 2.8893MT, which is 76.84 % of the Annual Target of 3.76 MMT. OIL has also taken several steps to further increase the crude oil production during 2011-12. Crude Oil production target for 2012-13 BE is set at 3.90 MMT.

NATURAL GAS

Natural gas production during the year 2010-11 was 2352.72 MMSCM against the BE target of 2621 MMSCUM and RE target of 2405 MMSCUM. OIL achieved natural gas sale of 1808.61 MMSCM during the year 2010-11 against the BE target of 2117 MMSCUM and RE target of 1905 MMSCUM. The natural gas Production target for 2011-12 was fixed at 2633 MMSCUM and the sale target for 2010-11 is fixed at 2126 MMSCUM (BE) and 2114 MMSCUM (RE). Overall Natural Gas production during first 9 months of the year 2011-12 (April-December 2011) is 1993.69 MMSCM, which is 75.72% of the annual BE target of 2633 MMSCUM.

LPG

The LPG production during the year 2010-11 was 45010 Tonnes. LPG production during first 9 months of the year 2011-12 (April-December 2011) is 39902 Tonnes, which is 88.77% of the annual target of 44950 Tonnes for the year 2011-12 BE.

FINANCIAL PERFORMANCE

Performance For The Year 2010-11 (Actuals)

The total XI Plan (2007-2012) outlay as approved by the Planning Commission ₹ 13,439.02 crores. The XIth Plan target for 2010-11 was ₹ 3147.79 crores and the Annual Plan target for the year 2010-

11 BE as approved by Planning Commission was ₹ 4464.98 crores. Against the anticipated expenditure for the year 2010-11 RE of ₹ 4212.99 crores, the actual Plan expenditure for the year 2010-11 was ₹ 1742.76 crores, which is 39.03% of the BE outlay and 41.37 % of the R.E outlay. Shortfall in actual expenditure over BE/RE outlay was mainly to due to shortfall in Survey and drilling expenditure and non-materialization of the Overseas Producing Asset acquisition plan of the company during the year, for which a plan outlay of ₹ 2000 crores was estimated.

Performance For The Year 2011-12 (RE)

The total XI Plan outlay for the year 2011-12 was ₹ 3485.48 Crores and the Annual Plan Outlay for the year 2011-12 (BE) was ₹ 3180.33 Crores, against which the anticipated expenditure (RE) for the year 2011-12 is estimated at Rs. 2262.68 Crores only. The Downward revision is mainly due to lower estimation in exploratory and development drilling plan for the year 2011-12 and shortfall in estimated expenditure on other Projects / Investments during 2011-12. The estimated Plan Expenditure during the first 9 months of the Financial Year 2011-12 (April to December 2011) is ₹1312.40 Crores.

Performance For The Year 2012-13 (BE)

The total XII Plan outlay for the year 2012-13 was ₹ 3378.29 Crores and the Company has now proposed Annual Plan BE outlay of ₹ 3378.29 Crores for the year 2012-13. This is planned to be financed through internal resource generation only.

Plan Outlays: **(Rs. / Crores)**

The details of the financing of 2011-12 RE and 2012-13 BE are as under:

Sl. No.	Details	2011-12 (RE)	2012-13 (BE)
A.	Total Plan Outlay	2,262.98	3,378.29
B.	To Be Financed by :		
	1. Net Internal Resources	2,262.98	3,378.29
	2. OIDB Loan & Other Borrowings	-	-
	Total (B)	**2,262.98**	**3,378.29**

The break-up of plan outlay for the year 2011-12 (BE & RE) and 2012-13 (BE) under the broad heads of expenditure is given below :

Heads of expenditure	2011-12(BE)	2011-12 (RE)	2012-13 (BE)
Survey	314.33	308.55	335.11
Exploratory Drilling	1,068.98	706.68	1,337.45
Development Drilling	502.82	391.66	568.66
Capital Equipment & Facilities	484.06	460.00	538.50
Overseas Ventures & Others	810.14	395.79	598.57
Total Outlay	**3,180.33**	**2,262.68**	**3,378.29**

The above outlay includes expected expenditures in respect of firm overseas exploration and production (E&P) ventures and provisions in respect of OIL's share of expenditure on overseas investments. In the event these projects, which are at present "To mature" become "Firm", additional outlay, would be required in order to fulfil the investment requirements.

GENERATION OF INTERNAL RESOURCES

The Plan expenditure of ₹ 3180.33 Crores for the year 2011-12 BE was envisaged to be financed from Company's own generation of internal resources during the year amounting to ₹ 2491.05 and the available carried forward surplus of ₹ 7182.69, resulting in total available resources to the tune of ₹ 9673.74 crores during 2011-12 (BE). The Revised Plan Outlay of ₹ 2262.68 Crores during the year 2011-12 (RE) is envisaged to be met fully out of the internal resources generated during the year amounting to ₹ 2904.49 crores. However, the brought forward resources available for 2011-12 (RE) stand at ₹ 11769.27, thus the total available resources for the year 2011-12 (RE) stand at ₹ 14673.76 crores. During the year 2012-13 (BE), the net internal resources budgeted to be available for meeting the Plan expenditure of ₹ 3378.29 Crores comprises of internally generated resources amounting to ₹ 3089.82 Crores and the carried forward surplus from 2011-12 which is estimated to stand at ₹ 12714.23 Crores, resulting in total available resources to the tune of ₹ 15804.05 crores.

Thus the entire Plan expenditure for the year 2011-12 RE and 2012-13 BE is envisaged to be financed from Company's own generation of internal resources, considering the carried forward surplus from earlier yearsRs.

Gender Budgeting

OIL undertakes all gender related activities through Public Relations Department under the aegis of Rs.Social Welfare Programme' and Rs.Area Development Scheme'. On the basis of the Ministry's guidelines, an independent cell has formed to deal with all the Gender Budgeting activities of the company. The cell monitors the following schemes which aim for benefit of the female members of the society.

a. **Handicraft Training for Women**: OIL's Handicraft Training and Production Centre, located at Duliajan, Assam imparts training since 1984 to women members of the society on Handicraft, Weaving, Embroidery and Tailoring on monthly stipendiary for 9 months duration basis. On an average 32 rural women were imparted training annually at an approximate expenditure of over seven lakhs. As a continuing scheme, during the current year also women are undergoing similar training in the above training centre.

b. **General Nursing Midwifery (GNM) training**: The nursing school in OIL Hospital Duliajan conducts 3 years General Nursing Midwifery (GNM) training courses which is recognized by the Directorate of Medical Education, Government of Assam. The annual intake is 20 (Twenty) candidates, out of which one vacancy each is reserved for SC and ST candidate. Stipend is paid to the students in addition to limited hostel accommodation, uniform and protective clothing.

c. **Family Welfare**: Under Family Welfare Society of OIL hospital educates families of OIL employees specially the women on the importance of good health and help in follow up treatment in all family welfare cases including child care and hygiene. The average annual expenditure is over ₹ 25 lakh spent for this programme.

d. **Donation to Women Colleges/Schools/Organisations**: The Company lays emphasis on women education, sports, etc. Towards this, OIL has made significant contribution to various women colleges, schools, Associations, etc. Besides, OIL pays significant contribution to numerous co-educational institutions benefiting the women of the society. OIL also donates periodically to women organization of the locality through its SWP and ADS for their socio-cultural and other developmental works. OIL continued to incur considerable amount of welfare budget in the form of donation to such organisation and institutions spreds over vast operational areas of OIL in the NE.

e. **Nomination of women representative for attending National and International seminars/ training etc**.: OIL supports a Forum of *Women In Public Sector (WIPS)* cell in its Field Headquarters at Duliajan, Dist: Dibrugarh, Assam, through which the women employees are

encouraged to take up developmental activities both for self as well as for the women of the underprivileged sections of the society. The cell has an active working committee, organizing seminars, workshops, medical camps and Handicraft exhibition etc. Every year women employees from the company participate in the National Meet of the forum which help in interacting and networking with their counterparts of other PSUs.

f. **Working Women Hostel Facility**: OIL provides single occupancy type ladies hostel facility at Duliajan to working women employees of OIL. There are at present 24 such residential facilities at Duliajan besides Hostel facility provided to working women Nurses.

g. **Women Beneficiaries under SIRD (State Institute of Rural Development), Assam**: In order to help the large number of unemployed youth of the society irrespective of gender perspective and strengthen the rural economy, OIL and the State Institute of Rural Development (SIRD) – Assam, has jointly started an ambitious project since September, 2003, with a central focus to assist Self Help Groups for development of Agro based industries like bamboo cultivation, floriculture, fishery, sericulture, organic farming etc. Under the scope of this scheme, so far more than 4000 self help groups have been formed and a considerable number of women SHG's out of the total have received financial assistance/ loans from banks, out of 12 economic activities namely Farm Mechanization; Diary Farming; Pig Breeding; Duck Rearing ;Goat Rearing; Mushroom Cultivation; Diversification of Handloom Products; Food Processing Computer Training Centres; Farmer's Service Centres; Agro Processing and Marketing; Broom Making etc

Existing Women Employee Strength: As on 31.12. 2011 there are 338 women employees out of total manpower of 8089 constituting 4.18 % of the total workforce. Besides OIL recruits women sports persons and continues to encourage competent sports women to participate in National and International events. The company has been continually focusing on development and capacity building of its women employees, both officers and workpersons, through in-house and external training programmes, for realizing their full potential as well as enhancing their professional excellence and skills. The company also in place committees on ₹Sexual Harassment at work place" and ₹Gender Budgeting" with the overall purpose of welfare and empowerment of women employees in the company.

Annexure-A

OIL INDIA LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 Actuals	2011-12 B.E	2011-12 Apr.-Dec. (Provisional)	2011-12 Jan.-March (Estimated)	2011-12 RE (Estimated)	2012-13 B.E.
1	SALES	₹ in crore	8303.39	8648.91	7255.35	2317.10	9572.45	9856.16
2	COST OF SALES	₹ in crore	3990.19	4342.48	3349.94	1208.92	4558.86	4961.93
3	COST OF SALES / SALES	%	48.05%	50.21%	46.17%	52.17%	47.62%	50.34%
4	TOTAL COST OF PRODN	₹ in crore	3678.23	3787.30	3268.51	959.65	4228.16	4414.56
5	TOTAL SALE VALUE OF PRODN	₹ in crore	8014.16	8318.09	6911.21	2242.05	9153.27	9394.80
6	TOTAL COST OF PRODN / TOTAL SALE VALUE OF PRODN	%	45.90%	45.53%	47.29%	42.80%	46.19%	46.99%
7	VALUE ADDED PER EMPLOYEE	₹ in crore	44.17	45.30	40.15	11.67	51.64	49.62
8	TOTAL VALUE ADDED	₹ in crore	3647.10	3761.32	3246.92	948.10	4195.02	4383.53
9	PAT / NET WORTH	%	18.51%	15.93%	14.46%	3.94%	17.84%	16.68%
10	PBT / CAPITAL EMPLOYED	%	27.42%	36.48%	22.49%	6.25%	28.28%	28.74%
11	PRODUCTIVITY:							
	a) Input-Output ratio		N.A	N.A	N.A	N.A	N.A	N.A
	b) Cost of Input per employee		N.A	N.A	N.A	N.A	N.A	N.A
	c) Value of Output per employee	₹ in lakh	97.06	100.17	85.46	85.46	27.60	106.35
	d) Capital-Output ratio%		50.96%	70.45%	39.81%	12.65%	51.63%	55.18%

Annexure-A

OIL INDIA LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 Actuals	2011-12 B.E	2011-12 Apr.-Dec. (Provisional)	2011-12 Jan.-March (Estimated)	2011-12 RE (Estimated)	2012-13 B.E.
12	TOTAL SALARY & WAGES PAID:	₹ in crore	1026.71	1125.80	918.21	159.84	1078.05	1131.95
a)	Direct Salary & Wages	₹ in crore	857.99	943.70	775.59	112.30	887.90	932.29
b)	Overheads	₹ in crore	168.72	182.11	142.61	47.54	190.15	199.66
13	UTILITIES CONSUMED:							
	a) Electricity	₹ in crore	28.67	34.41	16.24	14.98	31.22	33.44
	b) Fuel	₹ in crore	24.52	18.54	16.83	8.06	24.90	22.12
	c) Others (Water)	₹ in crore	31.43	33.59	15.85	15.85	31.70	34.23
	TOTAL UTILITIES	₹ in crore	84.62	86.55	48.92	38.89	87.81	89.79
14	A. TOTAL FIXED COST	₹ in crore	1026.71	1125.80	918.21	159.84	1078.05	1131.95
	B. TOTAL VARIABLE COST	₹ in crore	4209.30	4092.36	4015.60	1142.63	5158.22	5409.32
15	MAINTENANCE & REPAIRS:	₹ in crore	465.77	532.07	333.96	134.41	468.37	505.84
16	EXPENDITURE FOR TRAVELLING:	₹ in crore	16.32	24.90	13.82	4.82	18.64	19.57
17	EXPENDITURE FOR ENTERTAINMENT:	₹ in crore	2.21	3.01	1.58	1.08	2.66	2.79
18	OVERTIME AS % OF WAGES BILL:	%	15.29%	10.03%	10.61%	54.57%	12.74%	12.74%
19	CONTRIBUTION TO CENTRAL GOVT:							
	a) Cess on crude oil	₹ in crore	940.39	981.19	753.72	236.50	990.22	1032.46
	b) Dividend - Govt.	₹ in crore	901.70	832.59	0.00	0.00	0.00	918.44
	c) Dividend - Tax	₹ in crore	147.95	138.28	0.00	0.00	0.00	238.19
	d) Excise duty	₹ in crore	0.00	0.00	0.00	0.00	0.00	0.00
	e) Customs duty	₹ in crore	0.00	0.00	0.00	0.00	0.00	0.00
	f) Corporate tax (excl deferred tax)	₹ in crore	1297.32	1423.47	1380.88	391.83	1772.71	1587.93

Annexure-A

OIL INDIA LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 Actuals	2011-12 B.E	2011-12 Apr.-Dec. (Provisional)	2011-12 Jan.-March (Estimated)	2011-12 RE (Estimated)	2012-13 B.E.
20	CONTRIBUTION TO STATE GOVTS:							
a)	Sales tax		354.72	406.93	363.06	118.52	481.57	539.61
	b) Royalty		1147.20	1032.67	984.43	295.54	1279.97	1384.68
	c) PEL Fees		11.23	3.16	3.00	2.05	5.05	5.25
21	NO. OF EMPLOYEES ON ROLL:							
	a) Officers		1331	1298	1334	1370	1370	2081
	b) Workmen: Technical		5186	5957	5065	5065	5065	5065
	c) Workmen: Non-Technical		1740	1049	1688	1688	1688	1688
	TOTAL NO. OF EMPLOYEES		8257	8304	8087	8123	8123	8834
22	GROSS INTERNAL RESOURCES GENERATED:		4303.81	4009.90	3797.23	1002.73	4799.96	4970.35
23	NET INTERNAL RESOURCES AVAILABLE FOR PLAN OUTLAY:		3963.58	2491.05	2806.41	1353.58	4159.98	3508.25
24	APPROVED PLAN OUTLAY:		4464.98	3180.33				3378.29
25	ACTUAL / ESTIMATED PLAN EXPENDITURE:		1742.76		1312.40	950.29	2262.68	3378.29
26	REASONS FOR SHORTFALL IN PLAN EXPENDITURE TO APPROVED OUTLAY						Refer Chap - II & Chap VI	
27	A. FOREIGN EXCHANGE BUDGET ALLOTMENT:							
	a) Material/Equipment							
	b) Services							
	c) Others							
	TOTAL (27A)		0.00	0.00	0.00	0.00	0.00	0.00

Annexure-A

OIL INDIA LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 Actuals	2011-12 B.E	2011-12 Apr.-Dec. (Provisional)	2011-12 Jan.-March (Estimated)	2011-12 RE (Estimated)	2012-13 B.E.
27	B. FOREIGN EXCHANGE UTILIZATION:							
	a) Material/Equipment		195.81	362.57	158.61	52.87	211.47	228.39
	b) Services		29.68	36.21	23.92	8.79	32.70	34.92
	c) Others							
	TOTAL (27B)		225.49	398.78	182.52	61.65	244.18	263.32
27	C. FOREIGN EXCHANGE OUTGO:							
	a) Material/Equipment		195.81	362.57	158.61	52.87	211.47	228.39
	b) Services		29.68	36.21	23.92	8.79	32.70	34.92
	c) Others		0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL (27C)		225.49	398.78	182.52	61.65	244.18	263.32
28	PROFIT BEFORE TAX: (AFTER INTEREST AND DEPRECIATION)		4313.20	4306.43	3905.41	1108.18	5013.59	4894.23
29	TAX PROVISION:		1425.47	1531.14	1267.11	359.55	1626.66	1587.93
30	PROFIT AFTER TAX:		2887.73	2775.30	2638.30	748.63	3386.93	3306.29

4. GAIL (INDIA) LIMITED

GAIL (India) Ltd is India's principle natural gas transmission and marketing company with activities expanding to Gas Processing for fractionating LPG, Propane, SBP Solvent and Pentane; transmission of LPG; Petrochemicals like HDPE and LLDPE; leasing bandwidth in Telecommunications. The company has extended its presence in Power, LNG regasification, City Gas Distribution and Exploration & Production through equity and JV participations. The company has an authorized and Paid-Up capital of ₹ 2000 Crores and Rs. 1268 Crores respectively as on 31.12.2011. The Gov. of India holds 57.34% of its equity.

PHYSICAL PERFORMANCE

The Natural gas quantity transmitted increased from 115.54 MMSCMD in April-Sep 2010 to 117.9 MMSCMD in April-Sep 2011. During the same period liquid hydrocarbon Production increased from 698 (000 MTs) to 730 (000 MTs), Petrochemical Quantity Production increased from 192 to 220 (000 MTs), and LPG Transmission quantity Increased from 1587 (000 MTs) to 1612 (000 MTs)

Particulars	2010-11 Actual	2011-12 BE	2011-12 RE	2011-12 Apr-Sept.	2012-13 BE
Natural Gas (MMSCMD)					
Total Gas Marketing	83	87	86	84	86
Total Gas Transportation	118	122	121	123	121
Liquid Hydrocarbon Production (MT)					
LPG	1,068,157	1,001,226	1,058,199	848,858	1,049,080
Propane	155,152	139,565	145,351	108,361	144,268
Pentane	34,523	56,738	29,473	17,230	29,062
SBPS	28,673	31,553	1,384	1,958	--
Naphth	82,467	54,287	117,327	111,847	116,921
Total Liquid Hydrocarbon Production (MT)	1,368,971	1,283,369	1,351,733	1,088,254	1,339,330
Polymer Production (MT)	420,358	420,000	422,000	337,705	425,000
LPG Transported (MT)					
Jamnagar - Loni Pipeline	2,571,172	2,235,904	2,500,000	1,910,283	2,500,000
Vizag - Secunderabad Pipeline	765,566	686,664	756,000	573,084	910,000
Total LPG Transmission (MT)	3,336,738	2,922,568	3,256,000	2,483,368	3,410,000

FINANCIAL PERFORMANCE

The Company has achieved a turnover of ₹18566Crore during April-Sep 2011 against ₹15200 Crore during the same period in 2010-11 posting a robust growth of 22%.The Gross margin has also Increased to ₹ 3433Crore during April-Sep 2011 against ₹ 3109 Crore the same period in 2010-11. Similarly the Net Profit is also increased to ₹ 2079Crore during April to September 2011 from ₹ 1810Crores during same period previous year, an increase of 15%.

ROFITS (AFTER TAX)

(₹ Crores)

ACTUALS 2010-2011	R.E. 2011-2012	Actual 2011-2012 Apr.-Dec.	B.E. 2012-2013
3561	3472	3170	3137

GAIL Initiatives in CORPORATE SOCIAL RESPONSIBILITY

GAIL has set high standards of discharging its responsibility as a Corporate citizen by taking up several *Corporate Social Responsibility* (CSR) initiatives. CSR efforts are focused at enabling *inclusive development* of the communities in and around us- in all our activities, through involving*, engaging, empowering and transforming* the lives of the local populace. With the annual CSR allocations of 2% of the previous year's profit after tax, GAIL has reinforced its commitment for stepping up its efforts in this direction. CSR programmes are carefully identified through a diligent process of *Need Identification* at the grass root level and cover a wide spectrum of welfare and developmental activities, which fall under seven broad '*Thrust areas'* spanning- **Community Development,Infrastructure**, **Drinking water/sanitation**, **Literacy Enhancement/Empowerment, Educational Aids**, and **Healthcare/Medical**.

These initiatives have touched the lives of thousands of local villagers in and around the areas where GAIL has significant presence and will help generate sustainable benefits for their development over a period of time

GAIL has attempted to address the issues of un-employability through various ***Skill Development*** and vocational training programmes undertaken at several locations. By promoting creation of livelihood

opportunities and facilitating forums for effective empowerment and self-reliance, GAIL has tried to reduce the burgeoning number of the unemployed youths. Empowerment of differently abled and physically challenged persons is another area where GAIL is involved in CSR through provision of necessary medical aids, equipment and infrastructure support.

(Rs. in Lacs)

Sr. No.	Thrust areas	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 Apr-Dec.
1.	Community Development	23.49	1452.88	1498.8	45.72
2.	Drinking water/Sanitation	131.42	245.72	173.9	111.9
3.	Education/ Literacy enhancement	548.23	404.93	522.15	534.47
4.	Environment Protection	76.59	179.13	89.68	17.32
5.	Healthcare/Medical	2080.78	1088.18	304.31	203.71
6.	Infrastructure	125.33	818.04	767.73	21.49
7.	Skill Development/empowerment	87.85	345.93	724.68	732.86
8.	Others*	Nil	Nil	739.5	0
	Total	**3073.69**	**4534.81**	**4817.54**	**1667.47**

GENDER BUDGETING

GAIL ensures a creative/pleasant environment suitable for working of women employees without any gender discrimination or bias. They are offered equal opportunity for their growth and development in the area of their interest/specialization. Various statutory provisions are being followed in letter & spirit to protect the welfare and interest of the women employees. A Women Cell under the chairmanship of senior executive has been constituted to monitor and look after and interest of the women employees. GAIL allocates major budget to all these activities / business and thereby contributes to the Gender Budgeting initiatives to a large extent.To develop the women employees in the sports activities separate sports events are being arranged for them in the Regional Sports Meet and PSPB to motivate them to take initiative and be proactive.

GAIL (INDIA) LIMITED

FINANCIAL EFFICIENCY PARAMETERS

ANNEXURE 'A'

Sl. No.	Item	Unit	2010-11 Actuals	2011-2012 Projected BE	2011-2012 Anticpated RE	2011-12 Actuals Apr.-Dec.11	2012-13 Projected BE	Remarks
1	Sales (Net of ED)	₹/Crs	32,459	32,910	38,725	29,826	41,609	
2	Cost of Sale (Turnover-other income-gross margin)	₹/Crs	25,967	27,099	32,400	24,291	35,240	
3	Cost of Sale As % Age of Sale	%	80%	82%	84%	81%	85%	
4	Total Cost of Production/ Transport	₹/Crs	25,967	27,099	32,400	24,291	35,240	
5	Total Sale Value of Prodn/Transport	₹/Crs	32,459	32,910	38,725	29,826	41,609	
6	Total Cost of Production/Transport as % of total Value of Production	%	80%	82%	84%	81%	85%	
7	Value Added Per Employee	₹/Crs	1.94	1.93	2.10	1.71	2.00	
7	A) Total Value Added	₹/Crs	7,377.95	7,641.78	8,729.98	6,665.54	8,787.58	
8	Ratio of Net Profit Aft Tax to Net Worth	%	18.69%	13.56%	16.29%	14.26%	13.44%	
9	Ratio of Gross Margin to Capital Employed	%	40.54%	28.81%	30.84%	28.45%	24.77%	
10	Number of Employees on Roll	Nos	3,800	3950	4,159	3,896	4,384	
11	Total Salary Paid	₹/Crs	752.65	758.22	1,011.05	554.39	861.69	
12	A) Total Fixed Cost	₹/Crs	839.94	833.22	1,062.54	586.28	918.90	
	B) Total Variable Cost	₹/Crs	25,126.96	26,266.17	31,337.23	23,704.91	34,321.32	
13	Maintenance & Repairs	₹/Crs	206.70	418.33	484.84	143.06	532.93	
14	Expenditure on Travelling	₹/Crs	44.79	44.79	105.29	62.87	117.10	
15	Expenditure on Entertainment	₹/Crs	0.61	1.21	9.80	0.1	11.74	
16	Contribution to Central Govt. Exchequer							
	A) Dividend Incl. Div. Tax	₹/Crs	703.56	779.31	766.38	513.25	705.61	
	B) Sales Tax	₹/Crs	-	-	-	-	-	
	C) Excise Duty	₹/Crs	639.96	367.73	467.33	481.61	477.64	
	D) Customs Duty	₹/Crs	182.18	44.22	217.35	175.39	233.54	
	E) Others Incl. Corp.Tax	₹/Crs	1,395.00	2,029.30	1,664.30	1,276.89	1,788.27	
17	Contributions to State Govt.							
	A) Sales Tax	₹/Crs	1,418.60	979.16	1,152.16	1,291.59	1,237.98	
	B) Others	₹/Crs	103.21	219.22	257.95	82.95	277.17	

GAIL (INDIA) LIMITED

FINANCIAL EFFICIENCY PARAMETERS

ANNEXURE 'A'

Sl. No.	Item	Unit	2010-11 Actuals	2011-2012 Projected BE	2011-2012 Anticpated RE	2011-12 Actuals Apr.-Dec.11	2012-13 Projected BE	Remarks
18	Total Gross Internal Resources generated (Retained Profit after Dividend+ Depreciation)	₹/Crs	3,342.18	2,800.67	3,192.83	3,746.93	3,171.66	
19	Net Internal Resources Avail. for Plan excluding opening Cash	₹/Crs	3,995.15	1,463.38	1,448.98	2,439.04	1,692.38	
20	Approved Plan Outlay	₹/Crs	5,765.00	5,150.00	6,879.00	5,000.89	9,448.23	
21	Actual Plan Expenditure	₹/Crs	5,200.15	4,468.77	4,468.77	4,468.77	-	
22	Reasons For Shortfall In Expenditure Compared to approved Outlays							
23	Profit Before Tax (Aft Interest & Depn.)	₹/Crs	5,240.01	4,100.19	5,106.58	4,609.07	4,613.39	
24	Tax Provision	₹/Crs	1,678.86	1,361.98	1,634.10	1,438.57	1,476.29	
25	Profit After Tax & Before Div.	₹/Crs	3,561.15	2,738.21	3,472.47	3,170.50	3,137.11	
26	Inventories at the Close of the Year							
	A) Value of Inventory of Raw Material Stores spare	₹/Crs	462.37	487.02	500.60	522.79	515.32	
	B) Value Of Inventory of Finished Goods	₹/Crs	392.74	406.56	684.87	477.31	705.01	
	Value of Total Inventory (A+B)	₹/Crs	855.11	893.58	1,185.46	1,000.10	1,220.33	

5. INDIAN OIL CORPORATION LIMITED (IOCL)

Indian Oil Company Limited was formed on 1st September 1964, following the merger of Indian Oil Company Ltd. (incorporated in 1959) and Indian Refineries Limited (established in 1958). The company acquired the refining and distribution operations of the Assam Oil Company Limited in October 1981.

The authorized capital of Indian Oil Corporation Ltd. (IOC) is ₹ 6000.00 crore. The paid-up capital was ₹ 2427.95 crore as on 31.3.2011. The Government of India's shareholding in IOC as on 31.3.2011 was 78.92%.

IOC is a major, diversified, transnational, integrated energy company, with national leadership and a strong environment conscience, playing a national role in oil security and public distribution.

The main activities of the Corporation have been divided amongst Divisions as follows:

DIVISION	ACTIVITIES
Refineries	Refining of crude oil
Pipelines	Transportation of crude oil and finished petroleum products
Marketing	Marketing of petroleum products
Assam Oil	Refining of crude oil and marketing of petroleum products
IBPBD	Cryogenics and Explosives (The Petroleum business has been merged with IOC)Marketing of Petrochemicals & Gas and Exploration & Production

A. PHYSICAL PERFORMANCE

REFINERIES

IOC owns eight refineries located at Guwahati, Barauni, Vadodara, Haldia, Mathura, Digboi, Panipat and Bongaigaon. Refineries at Guwahati, Digboi and Bongaigaon process indigenous crude while those at Haldia and Barauni process imported crude. Vadodara, Mathura and Panipat refineries process both indigenous and imported crudes. The crude throughput of the refineries during 2010-11 and April-September'11 was 52.96 MMT and 27.35 MMT respectively. Estimated crude throughput during 2011-12 and 2012-13 is 55.58 MMT and 52.48 MMT respectively.

PIPELINES

Pipeline throughput is given below:

(MMT)

2010-11	2011-12	April-Dec.11	2012-13
Actual	**RE (Estimated)**	**Actual**	**BE (Estimated)**
67.84	71.94	55.20	71.70

MARKETING AND DISTRIBUTION

SALES

The product sales (including gas and exports) of IOC during 2010-11 and April-Dec.11 were 72.92 MMT and 56.24 MMT. The estimated product sales (including gas and exports) for the year 2011-12 and 2012-13 is 75.89 MMT and 79.04 MMT respectively.

RESEARCH AND DEVELOPMENT

The company's world class R&D Centre is perhaps Asia's finest. Besides doing pioneering work in lubricants formulation, refinery processes, pipeline transportation and alternative fuels such as bio-diesel, the Centre is also the nodal agency of the Indian Hydrocarbon sector for ushering in Hydrogen fuel in the country.

B. FINANCIAL PERFORMANCE

PLAN OUTLAY AND EXPENDITURE

The details of plan expenditure and outlay are as follows:

(₹ crore)

2010-11	2011-12	April-Dec.'11	2012-13
Actual	**RE**	**Actual**	**BE**
9,831	11,000	7,855	10,000

GENERATION OF INTERNAL RESOURCES

The internal resources after making adjustments for non-plan expenditure are given below:

(₹ crore)

2010-11	2011-12	April-Dec.'11	2012-13
Actual	**RE(Provisional)**	**Actual**	**BE(Provisional)**
7,683	(1,932)	4,945	2,231

The Corporation has plans to finance the plan outlay through internal resources/external borrowings and no budgetary support will be needed from Government.

PROFITABILITY

The position regarding profit before tax, tax provision and profit after tax of the company is given in the following table:

(₹ crore)

	2010-11 Actual	2011-12* RE (Provisional)	April-Dec.'11 Actual	2012-13 BE (Provisional)
Turnover	328,744	403,532	297690	426,561
Profit before Tax	9,096	(3,599)	(8616)	5,384
Profit after Tax	7,445	(3,599)	(8616)	4,134

*Above profitability is estimated considering compensation @ 95% for RE 2011-12 and @ 100% for BE 2012-13 against Gross Under Recovery of ₹ 76,000 crore and ₹ 61,150 crore for RE 2011-12 and BE 2012-13 respectively.

It may be noted that above profitability may undergo change due to factors such as fluctuations in the prices of Crude oil, variation in foreign exchange rate, under recoveries and compensation thereof etc.

GENDER BUDGETING

As far as IndianOil is concerned, it is ensured that no distinction/ discrimination is made between male and female employees in the matter of facilities/developmental schemes and both are offered equal developmental and growth opportunities in the organization. Besides, the following women specific initiatives have been taken for their social empowerment:

a) Out of 34,105 employees as on 31.3.2011, the number of women employees is 2,637, which works out to 7.73%. Out of this, 1209 (about 45.85%) of the women employees are in the executive cadre at various levels. 97 women employees were recruited in the Corporation during the year 2010-11, which comprises of 10.71% of persons recruited in various cadres of the Corporation. Out of the 97 women employees recruited during the year 2010-11, 91 (93.81%) of the women employees recruited during the year 2010-11 are in the executive cadre.

b) IOC takes keen interest in the promotion of sports activities. With a view to encourage sports talents, IOC has engaged 13 sports-women (Permanent- 5, Tenure base-2 and on Scholarship basis-6) in different events.

c) To facilitate continuity in employment, women employees have the facility of availing leave for joining their spouse. Such leave is available when the spouse of a woman employee is transferred/ posted to another location in India or abroad. This leave is available without pay for a period up to three years during the entire service period. Besides, if both husband and wife are employed with IndianOil, the company has a policy for posting both husband and wife at the same location to the extent possible to facilitate their family life.

d) The Company also has the unique Rs.Child Care Leave' that provides leave for a period not exceeding two years during entire service career, in spells of six months or more subject to fulfillment of stipulated conditions. During this leave period, women employees are allowed the facility of Company-leased/Company-owned accommodation/HRA and medical reimbursement for self and dependents. This not only enables women employees to take better care of their infants but also ensures continuity of their employment in IOC.

e) IOC also provides adequate facilities to its women employees and also encourages them in leadership roles. Training in developmental/functional programmes including participation in seminars/ workshops both at National and International level is being imparted. Female employees exercise the same delegation of powers as are being exercised by male employees.

f) Indian Oil has established a network of seventeen Women's Cells under the aegis of the "Forum of Women in Public Sector" (WIPS) at all Units/locations. The Forum of Women in Public Sector functions under the aegis of Standing Conference of Public Enterprises (SCOPE). Each WIPS Cell is steered by a woman leader known as WIPS Leader. The WIPS Cells collectively draw an Annual Action Plan in consultation with the Corporate Office of the organization every year for galvanizing women development activities within the Organization and outside. The Organization provides focused training to women employees. These training programmes are planned based on special needs of women employees. Some of these programmes focus on their dual roles, others on integration with the

Organization and Women Empowerment, leadership, etc.

g) The directives of Hon'ble Supreme Court of India for prevention of sexual harassment of women employees at workplace are followed scrupulously.

h) Women employees also enjoy all social security benefits, which are available to male employees without gender bias.

i) As per the directive of the Ministry, the Special Component Plan and Tribal Sub-Plan has been formulated for welfare of Scheduled Castes and Scheduled Tribes, identifying some high priority areas such as education, health, drinking water, etc. Accordingly, every year upto 25% of the community development budget is utilized towards special component plan and tribal sub-plan and Units/Offices are advised to take up such programmes specially in the areas of health and family welfare, education, providing clean drinking water, environment protection, empowerment of women and other marginalized groups.

j) IndianOil has been implementing the following scholarship schemes

Since the year 1984-85, IndianOil has been operating a Scholarship Scheme for the poor and deserving SC/ST students. The scheme, started with 50 scholarships to SC/ST students pursuing full time graduation courses in Engineering/Medical and post-graduation courses in Business Administration/ Management, has expanded manifold.

Today, IndianOil awards 2,600 Scholarships on merit-cum-means basis to students pursuing full-time courses in 10+/ITI, Engineering, Medical and Business Administration to nurture and support talent among the deserving students belonging to families with less than ₹1 lakh gross joint annual income. 50% scholarships are reserved for SC, ST and OBC students. 25% scholarships reserved for girl students and 10% to Persons with Disabilities (PWD) in each category/sub-category.

600 scholarships for Graduate and Post-Graduate students (300 for Engineering, 200 for MBBS and 100 for MBA) are awarded @ ₹3,000/- per month for full duration of the course.

2,000 Merit Scholarships awarded to students pursuing 10+/ITI courses @ ₹1,000/- per month for two years.

k) 33% of the Retail Outlets/ SKO-LDO Dealerships/LPG Distributorships in each category are reserved for women. Other things being equal, unmarried women above 40 years of age without earning parents and widows are given preference over others in all women categories. Further, subject to satisfaction of the Company, widows and unmarried women above 40 years of age without earning parents, selected for distributorship are given financial assistance under Corpus Fund Scheme.

INDIAN OIL CORPORATION LIMITED
ACHIEVEMENTS VIS-A-VIS TARGETS : 2010-11 & 2011-12 AND PROJECTED TARGETS 2012-13

Description	Unit	2010-2011 Target B.E.	2010-2011 Performance	2011-12 Target (B.E.)	Apr. - Dec. Target	Apr. - Dec. Performance	Jan - Mar. Target	Jan - Mar. Projected	Anticipated Performance (R.E.)	2012-13 Projected Target (B.E.)
1	2	3	4	5	6	7	8	9	10	11
PHYSICAL TARGET :	**MMT**									
1. CRUDE T'PUT										
- Guwahati		0.892	1.118	0.882	0.746	0.780	0.136	0.207	0.987	0.880
- Barauni		5.684	6.207	5.684	4.251	4.297	1.433	1.570	5.867	5.880
- Gujarat		13.034	13.561	13.230	10.000	10.673	3.230	3.517	14.190	13.330
- Haldia		6.370	6.878	7.056	5.419	6.077	1.637	1.821	7.898	7.350
- Mathura		7.840	8.880	7.840	5.856	5.985	1.984	2.259	8.244	7.840
- Panipat		12.642	13.659	13.818	10.469	11.626	3.349	3.900	15.526	14.500
- Bongaigaon		2.087	2.008	2.107	1.590	1.626	0.517	0.617	2.243	2.110
- Digboi		0.578	0.651	0.588	0.444	0.454	0.144	0.173	0.627	0.590
Total		**49.127**	**52.962**	**51.205**	**38.775**	**41.518**	**12.430**	**14.064**	**55.582**	**52.480**
Commissioning of ROs :										
- Marketing	NO.	993	911	991	743	768	248	648	1416	1812
- AOD	NO.	0	0	0	0	0	0	0	0	0
LPG Customer enrolment :										
- Marketing	NO./LACS	40.95	48.26	47.63	35.72	39.57	11.91	16.92	56.49	76.50
- AOD	NO./LACS	0.00	0.00	0.00	0	0.00	0.00	-	0.00	0.00
Commissioning of LPG Distributorships :										
- Marketing	NOs.	600	399	606	455	306	152	112	418	480
- AOD	NOs.	0	0	0	0	0	0.00	-	0	0
FINANCIAL TARGETS :	₹ /CRS.									
- Sales & Other income		283257.99	356132.23	347165.64	260374.23	325032.07	86791.41	129045.32	454077.39	470643.99
- Profit before tax		3033.44	9095.86	(1124.47)	(843.35)	(8715.81)	(281.12)	5117.19	(3598.62)	5384.27
- Corporate taxation		805.16	1650.38	0.00	0.00	0.00	0.00	0.00	0.00	1249.86
- Profit after tax		2228.28	7445.48	(1124.47)	(843.35)	(8715.81)	(281.12)	5117.19	(3598.62)	4134.41

ANNEXURE-B

INDIAN OIL CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2010-11 (Actual)	2011-12 Budget Estimate	2011-12 Revised Estimate (Prov)	2011-12 Apr.-Dec'11 Actual	2012-13 Budget Estimate (Prov)	Remarks
1	2	3	4	5	6	7	8	9
1.	Sales & Other Income	₹ /Crs.	356132.23	347165.64	454077.39	325032.07	470643.99	
2.	Cost of Sales	₹ /Crs.	347036.37	348290.11	457676.01	333747.88	465259.72	
3.	Cost of sales as % of sales	%	97.45	100.32	100.79	102.68	98.86	
4.	Total cost of Production	₹ /Crs.	172969.39	159290.72	241001.56	186798.49	226456.66	
5.	Total Sale value of Production (Transfer value of Refinery production)	₹ /Crs.	198187.32	185744.47	245891.00	182485.85	241379.53	
6.	Total cost of production as % of total value of production	%	87.28	85.76	98.01	102.36	93.82	
7.	Value added per employee	₹ /Lacs	95.19	70.13	82.33	43.56	104.02	
8.	Total value added	₹ /Crs.	32465.89	23681.45	27863.68	15024.68	36731.33	
9.	Ratio of Net Profit after tax to networth	%	13.46	-2.19	-6.96	(18.71)	7.60	
10.	Ratio of Gross Margin (Profit before Tax)to capital employed	%	11.07	-1.65	-3.51	(9.30)	5.50	
11.	PRODUCTIVITY :							
	-Input/Output Ratio		91.21%	90.45%	91.09%	90.96%	90.65%	
	-Cost of Input Per employee	₹ /Lacs	1626.34	1557.64	2316.86	1766.23	2188.69	
	-Value of output per employee	₹ /Lacs	1726.97	1613.71	2382.04	1776.38	2244.91	
	-Capital Output Ratio	Times	0.59	0.68	0.85	0.40	0.49	
12.	Total Salary Paid :							
	-Direct Wages	₹ /Crs.	6435.55	5492.51	5198.65	3515.50	5722.96	
13.	Utilities Consumed :							
	-Electricity	₹ /Crs.	199.97	318.09	253.04	166.90	281.04	
	-Fuel	₹ /Crs.		2303.15	1565.23	4312.69	3416.19	4549.40
	-Other Items	₹ /Crs.	4.96	5.86	6.35	3.94	6.83	
			2508.08	1889.18	4572.08	3587.03	4837.27	
14A.	Total Fixed Cost	₹ /Crs.	9262.23	8072.10	8993.26	6281.47	8406.81	
	B. Total Variable Cost	₹ /Crs.	337008.31	333482.21	442197.66	320940.22	446331.11	
15.	Repairs & Maintenance	₹ /Crs.	1468.63	2189.08	1912.02	1210.17	2293.36	
16.	Expenditure on Travelling	₹ /Crs.	304.37	340.84	353.62	253.03	397.55	
17.	Expenditure on Entertainment	₹ /Crs.	2.34	3.06	3.31	1.58	3.49	
18.	Total Overtime as % of wage bill	%	6.37	5.51	5.29	5.73	5.39	
19.	Contribution to Central Exchequer							
	-Cess	₹ /Crs.	-	-	0.00		0.00	0.00
	-Royalty	₹/Crs.	-	-	0.00	0.00	0.00	
	-Dividend (Cash Basis)**	₹ /Crs.	2491.00	0.00	1820.33	1820.35	0.00	
	-Sales Tax/Service Tax	₹ /Crs.	141.79	124.31	86.00	75.53	85.07	
	-Excise Duty	₹ /Crs.	25167.31	22720.58	24892.56	16156.20	24867.16	
	-Custom Duty	₹/Crs.	7749.24	5835.17	3803.62	3019.90	1879.58	
	-Income Tax (Incl. Dividend Tax.)	₹ /Crs.	4108.77	9.55	756.99	761.58	959.68	

** Dividend considered on cash basis. The Govt holding in equity is assumed at 78.92%.

ANNEXURE-B

INDIAN OIL CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2010-11 (Actual)	2011-12 Budget Estimate	2011-12 Revised Estimate (Prov)	2011-12 Apr.-Dec'11 Actual	2012-13 Budget Estimate (Prov)	Remarks
1	2	3	4	5	6	7	8	9
20.	Contribution to State Govt.							
	-Sales Tax	₹ /Crs.	35653.33	29787.26	41139.02	31486.78	41140.23	
	-Others(entry tax/Octroi etc.)	₹ /Crs.	2310.18	1435.72	2350.68	1354.44	1877.68	
21.	Number of Employees		34105	33767	33844	34495	35313	
	-Officers	No.	14497	14186	14344	15007	14548	
	-Workmen	No.	19608	19581	19500	19488	20765	
22.	Total Gross Internal Generation (Retained Profit+Dep.)	₹ /Crs.	9326.90	3861.75	1449.10	(4944.57)	8153.73	
23.	Net Internal and External Resources for Plan expenditure	₹ /Crs.	9831.02	14500.00	11000.00	7855	10000.00	
24.	Approved Plan Outlay	₹ /Crs.		14500.00	11000.00		10000.00	
25.	Actual Plan expenditure	₹ /Crs.	9831.02				7855	
26.	Reasons for Shortfall in Plan expenditure :							
27A.	Foreign exchange Budget Allocation :	NOT APPLICABLE						
B.	Foreign Exchange utilisation							
28.	Profit before tax	₹ /Crs.	9095.86	(1124.47)	(3598.62)	(8715.81)	5384.27	
29.	Tax Provision (incl. Deferred Tax & FBT)	₹ /Crs.	1650.38	0.00	0.00	0.00	1249.86	
30.	Profit after tax	₹ /Crs.	7445.48	(1124.47)	(3598.62)	(8715.81)	4134.41	
31.	Inventories at the close of the year :							
	-Raw material, Stores & Spare	₹ /Crs.	24392.66	20242.71	27823.42	22531.71	28570.51	
	-Raw material inventory in terms of mandays' consumption	Days	62	53	51	40	56	
	-Finished goods	₹ /Crs.	20879.44	17400.00	23022.54	20710.33	23640.71	
	-Semi-Finished Goods	₹ /Crs.	4012.42	2470.00	5018.28	5166.14	5153.02	
	Value of total inventory	₹ /Crs.	49284.52	40112.71	55864.24	48408.18	57364.24	
	-Finished goods as % of Sales & Other Income	%	5.86	5.01	5.07	6.37	5.02	

6. Hindustan Petroleum Corporation Limited (HPCL)

Hindustan Petroleum Corporation Limited is a Public Sector integrated oil Company engaged in refining of crude and marketing of petroleum products. It has two refineries producing a wide variety of petroleum products – fuels, lubricants and specialty products; one in Mumbai (West Coast) having a capacity of 6.5 MMTPA and the other in Visakhapatnam (East Coast) with a capacity of 8.3 MMTPA. The Corporation holds an equity stake of 16.95% in Mangalore Refinery & Petrochemicals Limited, a state-of-the-art refinery at Mangalore with a capacity of 11.82 MMTPA. In addition, HPCL in Joint Venture with Mittal Energy Investments Pte Limited, Singapore has set up a 9 MMTPA Greenfield refinery at Bathinda, Punjab.

The paid up capital of the Company is ₹ 338.63 crores and the Government of India holds 51.11% of the equity.

Physical Performance

The achievements during the year 2010-11, 2011-12 and the target set for 2012-13 are as follows:

Performance Parameters	2010-11 Actual	2011-12 April to Dec'11	2012-13 Targets
Refinery Throughput (MMT)	14.75	12.23	15.80
Capacity utilisation (%)			
MR	100.77	111.92	104.62
VR	98.80	108.82	108.43
Market Sales (MMT)	27.03	21.75	28.55
Pipeline Throughput (MMT)	12.98	10.20	12.97

Plan Outlay / Expenditure (Including investments in JV's):

Plan outlay and expenditure for the years 2010-11, 2011-12 and the budgeted Plan outlay for the year 2012-13 is as follows:

(₹ Crs.)

2010-11			2011-12			2012-13
BE	RE	Actual	BE	RE	Actual (Apr-Dec'11)	BE
3924.00	4685.50	3099.92	4003	2828.35	1722.26	3467.43

Generation of Internal Resources:

Gross Internal Resource generated (excluding sale of Oil Bonds) during 2010-11 were ₹ 3691 crores as compared to ₹ 2197 crores in 2009-10. The revised plan outlay of ₹ 2828.35 crores for the year 2011-12 and proposed plan outlay of ₹ 3467.43 crores for 2012-13 is proposed to be met out of borrowings from OIDB, ECB, Debentures and other loans.

Financial Performance:

The highlights of the financial performance will be sent separately as the financial results for the 9 months ended 31st December 2011 are yet to be approved by Board.

Gender Budgeting:

a. Environment at workplace:

HPCL ensures to create an environment suitable for women employees. Various Statutory as well as Non-statutory Committees for different areas have been constituted. These include the statutory Committee on Workshop and Safety, and other committees like Plant Committees, Shop Floor Committees, Union-Management Committees, Club Committees etc. In all the committees women employees are given equal opportunities and they are involved in decision making. Further, there is no discrimination for women in recruitment and promotions.

b. Number of women employees:

The group wise data of women employee vis-à-vis total no. of employees (as of 31.12.2011) are as below:

Category	Total No. of Employees	No. of Women Employees
Management	5184	444
Clerical	1641	373
Labour	4509	28
Total Employees	11334	845

Women employees constitute 7.46% of the total manpower.

c. Recruitment & Promotion:

In HPCL, there is no gender discrimination in recruitment and promotions. Professional and technical officers are recruited from premier institutes and through open advertisements. Candidates recruited as Officer Trainees are absorbed in HPCL salary grade 'A' after 6 months and are subsequently confirmed in HPCL salary grade 'A' after another 6 months. Officers directly recruited in HPCL salary grade 'A' are confirmed after one year of service. Women are also present at various leadership positions in the corporation.

d. Training:

HPCL imparts Technical/Functional/Behavioral training based on training assessment as part of individual/organizational development plan. Women employees are covered extensively for training significantly in programs with specific emphasis on Leadership, Strategy Building, Increasing professional efficiency, Work Life Balance and Upgradation of skills. Women employees participated in specific training programs viz, Negotiation Skills, Creating Entrepreneurship, Train the Trainer, Business Ethics, Managerial Effectiveness, Time Management, Emotional Intelligence, Effective Delegation and various functional and technical training based on the individual/SBU need.

e. Welfare Schemes:

HPCL has various welfare schemes for the women employees of the Corporation such as Medical Benefit Insurance Policy (MBIP) & Group Personal Accident Insurance Policy (GPAIP). Under MBIP, women employees are covered for self, spouse, children and dependent parents. Women employees are allowed 3 months as Maternity leave and 6 weeks for miscarriage. HPCL also organises seminars/ talk on Pre-cancer check up, gynaec, eye treatment, stress management etc. Periodical medical check up is arranged once in five years for below 45 years of age, once in two years for employees of age group between 45 to 50 years and every year for above 50 years of age. HPCL has also set up Health Club for the benefit of women employees.

f. Benefits:

Apart from the above, Corporation also provides Housing Loan, Vehicle Loan, Furniture Advance, Guest House / Holiday Homes facility , Merit/Service Award, Family Planning Incentive Scheme, Leave Fare Assistance (LFA), Provision of Residential Personal Computers, Merit Award for Children etc.

Further, Corporation has provided residential accommodation to the women employees on need basis and some residential accommodations are provided with recreational facilities such as club, swimming pool, gymnasium, auditorium, playground, children parks etc.

Special Component Plan/Corporate Social Responsibility (CSR):

HPLC is carrying out welfare/development activities for the upliftment of SC/ST/OBC/PWD/WOMEN and economically weaker sections of society under the Special Component Plan. Special Component Plan focuses on Education and Scholarships to students encouraging Girl children. Also contributes towards Rehabilitation and Vocational Training for the differently-abled and community development activities including for women in rural areas. HPCL is supporting a number of schools across India by building infrastructure facilities, providing school uniforms and other educational material to increase the educational level of the deprived sections of society particularly promoting Girls' education. HPCL gives special attention to the girls' education to achieve the gender equality. It also supports rural women for their livelihood through increasing their employability, giving them vocational training and promoting them for self-employment.

HINDUSTAN PETROLEUM CORPORATION LIMITED

ANNEXURE-A

ACHIEVEMENTS VIS-A-VIS TARGETS 2010-2011 & 2011-2012 AND PROJECTED TARGETS 2012-13

Sl. No.	Description	Unit	2010-2011 Target (BE)	2010-2011 Performance	2011-12 Target (BE)	2011-12 4/11 - 12/11 Actual	2011-12 Apr-Mar (Anticipated) Performance	2012-13 Projected Target
1.	2.	3.	.4	5.	6.	7.	8.	9
1	PHYSICAL							
	Crude Thruput	Million Tonnes						
	a) Mumbai Refinery		6.78	6.55	6.79	5.46	7.50	6.80
	b) Visakh Refinery		8.65	8.20	8.77	6.77	9.28	9.01
	New Retail Outlets	Nos.	600	1085	600	623	800	700
	LPG Customers	in lakhs	18.00	28.91	18.00	25.52	30.00	18.00
	New LPG Distributorships	Nos.	250	229	250	181	225	150
2	FINANCIAL							
	Sales realisation (Gross) *	₹/Cr.	115,741.74	142,396.49	127,328.43	133,473.98	176,433.57	160,891.71
	Profit/(Loss) before tax (PBT)	- do -	-429.73	2,346.15	-2,549.11	-3,719.49	-2,698.07	-2,052.99
	Profit/(Loss) after tax	- do -	-429.73	1,539.02	-2,549.11	-3,719.56	-2,698.07	-2,052.99

* Sales realisation include recovery under subsidy scheme

ANNEXURE-B

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 (Actual)	2011-2012			2012-2013 (Projected) (B.E.)
				Budgeted (B.E.)	Apr.-Dec.'11 (Actual)	Apr.-March (R.E.)	
1	2	3	4	5	6	7	8
1	Sales Realisation	₹/Crores	142,396.49	127,328.43	133,473.98	176,433.57	160,891.71
2	Cost of Sales	₹/Crores	140,050.33	129,877.53	137,193.47	179,131.64	162,944.70
3	Cost of Sales as %-age of net sales	%	98.35	102.00	102.79	101.53	101.28
4	Total cost of production	₹/Crores	42,247.53	44,979.97	44,269.08	64,192.53	59,601.59
5	Total value of production	₹/Crores	51,255.72	50,796.55	49,325.83	71,162.03	67,154.60
6	Total cost of production as %-age of value of production	%	82.43	88.55	89.75	90.21	88.75
7	Value added per employee	₹/Lakhs	88.90	60.87	50.96	72.33	80.63
7A	Total Value Added	₹/Crores	10,018.24	7,003.04	5,754.94	8,139.82	9,043.87
8	Profit after tax to Average Net Worth	%	12.77	-25.95	-34.81	-24.10	-23.27
9	Gross margin (Profit Before Tax) to Capital Employed.	%	10.42	-10.57	-13.67	-10.31	-7.23

ANNEXURE-B

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 (Actual)	2011-2012			2012-2013 (Projected) (B.E.)
				Budgeted (B.E.)	Apr.-Dec.'11 (Actual)	Apr.-March (R.E.)	
1	2	3	4	5	6	7	8
10	PRODUCTIVITY						
	(a) Input output ratio		1.21	1.13	1.11	1.11	1.13
	(b) Cost of input per employee	₹/Lakhs	374.88	390.94	392.04	570.40	531.37
	(c) Value of output per employee	₹/Lakhs	454.82	441.50	436.82	632.33	598.71
	(d) Capital output ratio		2.28	2.11	1.81	2.72	2.36
11	TOTAL SALARY PAID	₹/Crores	2017.16	1837.04	1509.63	2163.79	2548.86
12	UTILITIES CONSUMED	₹/Crores					
	(a) Electricity		261.26	317.03	283.53	382.00	405.72
	(b) Other items		21.50	22.44	19.36	24.32	26.74
	(c) Total		282.77	339.47	302.89	406.32	432.46
13	(a) Total fixed costs (Excl. Deprn.)	₹/Crores	3,562.20	3,588.06	2,681.26	3,996.04	4,706.75
	(b) Total variable costs	"	399.43	501.34	395.59	563.42	640.15
14	Maintenance and repairs	₹/Crores	648.81	693.05	478.77	735.99	1043.77
15	Expenditure on travelling	₹/Crores	114.45	120.66	85.72	122.91	132.25

ANNEXURE-B

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 (Actual)	2011-2012			2012-2013 (Projected) (B.E.)
				Budgeted (B.E.)	Apr.-Dec.'11 (Actual)	Apr.-March (R.E.)	
1	2	3	4	5	6	7	8
	Expenditure on Entertainment	₹/Crores	1.48	2.72	1.29	2.79	2.99
17	Total over time as %age of wage bill	%	1.54	2.02	1.49	1.41	1.47
18	Contribution to Central Govt. Ex-chequer	₹/crores					
	(a) Cess on Crude Oil		-	-	-	-	-
	(b) Royalty		-	-	-	-	-
	(c) Dividend (including dividend tax)		275.18	0.00	319.22	319.22	0.00
	(d) Sales Tax		-	-	-	-	-
	(e) Excise Duty		8,589.25	7,671.22	6,104.75	8,193.12	7,832.12
	(f) Customs Duty		3,192.08	2,284.54	1,250.62	1,296.86	97.08
	(g) Others if any (Income Tax / Service tax)		612.32	0.00	324.80	334.00	0.00
19	Contribution to State Government	₹/Crores					
	(a) Sales Tax		15,804.52	15,327.13	14,024.01	18,696.52	18,193.35
	(b) Others (Octroi)		390.80	370.42	463.12	585.38	506.31
20	Number of employees	Nos.					
	(a) Officers		4939	5166	5184	5153	5274
	(b) Clerical		1644	1656	1643	1627	1570
	(c) Labour		4665	4885	4509	4480	4329
	Total		11248	11707	11336	11260	11173

ANNEXURE-B

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 (Actual)	2011-2012			2012-2013 (Projected) (B.E.)
				Budgeted (B.E.)	Apr.-Dec.'11 (Actual)	Apr.-March (R.E.)	
1	2	3	4	5	6	7	8
21	TOTAL GROSS INTERNAL RESOURCES GENERATED (Retained Profit+Depreciation+Deferred taxes)	₹/Crores	5,268.63	4,052.00	-2,028.80	358.35	1,395.68
22	Net internal resources available for plan (including oil bond issue/redemption)	₹/Crores	0.00	0.00	0.00	0.00	0.00
23	Approved plan outlay / Actual Plan Expenditure	₹/Crores	3,099.92	4,003.00	1,722.26	2,828.35	3,467.43
24A	Foreign Exchange Budget commitments Materials/Equipment/Royalties / Services etc.	₹/Crores	28925.79	40,568.57	42584.45	63116.84	59,822.42

ANNEXURE-B

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 (Actual)	2011-2012			2012-2013 (Projected) (B.E.)
				Budgeted (B.E.)	Apr.-Dec.'11 (Actual)	Apr.-March (R.E.)	
1	2	3	4	5	6	7	8
24B	Foreign Exchange outgo (actual payment) on account of materials, equipments, royalties, etc.	₹/Crores	28,925.79	40,568.57	42,584.45	63,116.84	59,822.42
25	Profit before tax (after interest & depreciation)	₹/Crores	2,346.15	-2,549.11	-3,719.49	-2,698.07	-2,052.99
26	Tax provision	₹/Crores	807.13	0.00	0.07	0.00	0.00
27	Profit after tax	₹/Crores	1,539.02	-2,549.11	-3,719.56	-2,698.07	-2,052.99
28	Total value of imports incl. payment for royalties etc.	₹/Crores	28,925.79	40,568.57	42,584.45	63,116.84	59,822.42
29	Total value of procurement from indigeous sources	₹/Crores	99,776.18	77,810.08	89,349.84	112,508.76	99,072.60

ANNEXURE-B

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2010-11 (Actual)	2011-2012			2012-2013 (Projected) (B.E.)
				Budgeted (B.E.)	Apr.-Dec.'11 (Actual)	Apr.-March (R.E.)	
1	2	3	4	5	6	7	8
30	Value of Inventories						
a.	Raw Materials, Stores & Spares	₹/Crores	3,368.80	3,813.03	3,074.70	3,766.76	3,402.61
b.	Raw materials in terms of thruput	No. of days	19	21	13	17	18
c.	Finished Goods & Packages	₹/Crores	11,559.50	9,760.81	11,337.93	12,130.60	12,028.76
d.	Semi Finished Goods	₹/Crores	1,693.98	581.95	1,477.07	1,354.48	1,201.88
	Value of total Inventories (a+c+d)		16,622.28	14,155.80	15,889.70	17,251.84	16,633.25
e.	Finished Goods & packages as % of Gross Sales Realisation		8.12	7.67	8.49	6.88	7.48

7. BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

Bharat Petroleum Corporation Ltd., (BPCL) a Government of India Undertaking, came into existence on 24th January, 1976 as a result of the Government of India acquiring Burmah-Shell Oil Storage & Distribution Company of India and Burmah-Shell Refineries Limited, which had started its operation in India in 1928. BPCL has been conferred with the Navaratna status in July 1997.

BPCL has refineries at Mumbai and Kochi with a combined refining capacity of 21.5 MMTPA. The Refineries are certified for ISO 9001, ISO 14001 and OHSAS 18001 reflecting the continuing commitment towards quality, environment, health & safety.

The Authorized Share Capital of the company is ₹ 450 crore and the paid-up Capital of the Company is ₹ 361.54 crore. The holding of the Government of India in the company is 54.93%.

1. PHYSICAL PERFORMANCE

Refineries

During 2010-11, BPCL Refineries (Mumbai & Kochi) processed 21.78 million metric tonnes (MMT) and is surpassing MOU 'Excellent' target of 20.85 MMT. The Mumbai Refinery processed 3 New crude oil i.e.Malaysia crude oil – Kikeh and Libean crude oils – El Sharara and Mellitah for the first time, thus bringing the total no. of crude oil processed by Mumbai Refinery so far to 75. The Total Distillate Yield was 80.4%.

During the period April- December '11, BPCL Refineries (Mumbai & Kochi) processed 16.9 million metric tonnes (MMT) and during the year 2011-12, BPCL refineries are estimated to process 21.75 million metric tonnes (MMT). The estimated total Distillate Yield for the year 2011-12 is 76%.

The proposed MOU 'Excellent' target for crude throughput for BPCL refineries is 21.75 MMT.

The details of the Physical Performance (Physical & other Physical targets) during 2010-11 and 2011-12 & BE for the year 2012-13 are given in the Annexure – A (enclosed).

IMPORTS & EXPORTS

i. Crude Oil & Petroleum Products - Imports & Exports

The following are the details of Imports / Exports of crude oil and petroleum products for BPCL during the year 2011-12:

Figs, in TMT

	Apr.-Nov.'11 (Actual)	Dec. -March'12 (Estimate)	2011-12 Total (Estimate)
Crude Imports			
Mumbai / Kochi refinery	10,659	5,275	15,934
Total	**10,659**	**5,275**	**15,934**
Product Imports			
LPG	435	145	580
HSD	221	0	221
SKO	25	0	25
MS	316	0	316
Base Oil	3		3
Sub Total	**1000**	**145**	**1145**
Product Exports*			
Naphtha	1256	525	1781
Furnace Oil	894	200	1094
Gasoil (1% S)	105	-	105
Gasoline	67	-	67
Bitumen	4	8	12
MS	8	4	12
Lubes	2	0.75	2.75
Base Oil	0	10	10
MTO	0	0.05	0.05
Hexane	0.1	0.05	0.15
Benzene	2.4	0	2.4
HSD	34	16	50
Sub Total	**2372**	**764**	**3136**

ENGAGEMENTS ABROAD

Products :

- BPCL has entered in to a term contract with Saudi Aramco for import of 292 TMT of LPG during 2011.
- BPCL has entered in to a term contract with ADNOC for import of 250 TMT of LPG during 2011 in view of increased demand.
- BPCL commenced trial export of packed bitumen
- In addition to the above, BPCL exported products like Naphtha, Fuel oil, Bitumen through the spot market to registered traders for intended destinations such as Singapore, Japan, Korea, Myanmar, China, Taiwan and UAE.

2. BUDGET OUTLAYS

Financial Performance : Plan Outlay/ Expenditure

The details of Plan Outlay / Expenditure for the years 2010-11 and 2011–12, the Plan outlay proposed for 2012-13 are as follows:

(₹ Crore)

2010-11			2011-12			2012-13
BE	**RE**	**Actual**	**BE**	**RE Proposed**	**Apr.-Dec.'10 (Provl.)**	**BE Proposed**
3022.0	2814.31	2283.15	2865.15	2199.0	1083.97	4479.0

BPCL has an approved outlay of ₹ 12212.8 during the XI plan period and a proposed Outlay of Rs. 32789 crore for XII Plan period.

3. GENERATION OF INTERNAL RESOURCES

Gross Internal Resources generated by the Corporation during the year 2010-11 was ₹ 4,216.29 crores,which have been utilized towards meeting loan repayments, working capital requirements, Plan/Non-Plan Capital Expenditure etc.

The Revised Estimates (RE) for the year 2011-12 envisages a Plan Outlay of ₹ 2,199 crores to be funded by other borrowings.

For the year 2012-13, the Plan Outlay of ₹ 4,479 crores will be met entirely from other borrowings.

Financial Performance:

BPCL's financial efficiency parameters are given as per Annexure B (copy attached). Actuals up to September 2011 are provided

4. GENDER BUDGETING

In BPCL, action has been initiated to establish Gender Budgeting Cell at Corporate and Regional level. These cells will facilitate and support welfare initiatives pertaining to women employees, community development for women, training / empowerment of women, etc., monitoring of gender budget initiatives and reporting to MOP&NG.

The Corporate Cell will be responsible to formulate schemes pertaining to women employees / community development for women / training empowerment programmes for women, monitor and evaluate implementation of the schemes and submit reports to the authorities concerned.

As of end December 2011, BPCL has a total No. of 1204 women employees which represents 8.65% of the total employees (Total employees i.e. 13915).

Initiatives for Women Employees

To promote the development of women employees, the Corporation has taken the following initiatives:

- Senior Level commitment to gender issues.
- Exposure of women to Top Management Jobs.
- Cross functional rotation including exposure to field jobs.
- Informal survey and open dialogue between men & women to learn about gender differences that exist on important issues affecting work environment.
- Setting up of Complaints Cell headed by a senior woman executive for investigation and prompt redressal of grievances related to sexual harassment at work place.
- For prompt redressal of employee grievances in a proactive manner, an Employee Satisfaction Enhancement Cell is in operation.
- Managerial Role Effectiveness Workshops are organized exclusively for women wherein issues relating to women's role as Managers are addressed.

- Encouragement by employing sportswomen who have represented India in International & National events.

- Childcare facilities are provided at locations as per the requirement. At present crèche facility is provided at our Mumbai and Kochi Refinery.

- Women empowerment series for holistic development of women employees with special focus on Networking and creativity: BPCL is networking with renowned and learned women from the field of Empowerment, academics and media.

- Stress Intervention Program and a fitness station for women employees specifically going into real life issues like children not going to school, conflicts with Spouses etc.

- Family life education with Career guidance and Aptitude testing for children of women employees on effective interpersonal relationships, Effective parenting series with values, role modeling and disciplining the children.

Community development

BPCL has a strong commitment for Community Development work. As a part of society,

BPCL has a strong commitment for Community Development work. As a part of society, BPCL started community work in the backward areas of predominantly in SC/ST areas. Some of the activities undertaken to help the women tribal population are:

The main thrust areas are education, water, health, vocational training

- Health assistance, through regular health camps, gynecological / pediatric camps and cataract camps.

- Extending Universal Medical Insurance to poor families and SC/ST communities nearby wards.

- Conduct of medical camps for the benefit of the general public, especially those from the local area and belonging to below poverty line category. The camps include multi-speciality camp, eye medical camps and medical camp for physically challenged.

- Educational assistance to girl children in these villages through distribution of free books, free meals in school,distribution of prizes for merit etc.. Educational assistance for students in neighbouring Government Schools through donation of uniforms/umbrellas/bags, noon-meal scheme and Scholarships to poor SC/ST students.

- Family life education and Vocational assistance to girls by imparting training in bamboo and tailoring, embroidery works, pisciculture etc. for self reliance, education to the parents to get their girl child married after 18 years as per the law of Govt. of India.
- We encourage them to participate and display their works at exhibitions. This is helping them earn a livelihood and also help them substitute the family income.
- We insist on our NGO's to sensitize woman on their rights through adult education, family welfare and health schemes.
- In keeping with the national objectives of empowering working women, BPCL has been holding talks / lectures for women and adolescent girls. The topics covered include parenting family life education, vocational guidance, family planning, martial problems, cleanliness, personal hygiene etc.
- Creation of Self-Help groups amongst women for small enterprises like poultry farming, shops at villages, tailoring etc.
- In Lucknow, 500 women were trained in Chikankari skills formed with SHG and provided a market connect which enabled them to earn an average income of Rs. 1500 – 2000 per month.
- In Loni, 100 poor women were trained for Zardosi work and will be connected with backward-forward market linkages through self employment and will fetch them Rs. 1500-2000 per month.
- Development of infrastructure facilities for the benefit of public like roads, street lighting, operation theatres to Government hospitals.
- BPCL is carrying out drought prevention activities through Rain Water Harvesting by retention of surface water and increasing the ground water levels in Rajasthan, Tamil Nadu, Andhra Pradesh, Maharastra, Karnataka and Uttar Pradesh.

BHARAT PETROLEUM CORPORATION LIMITED
ACHIEVEMENTS VIS-A-VIS TARGETS : 2010-11, 2011-12, PROJECTED TARGET FOR 2012-13

Sr. No.	Description	Unit	2010-11 Target (RE)	2010-11 Performance	2011-12 Annual Target (as per Action Plan)	2011-12 Apr.-Dec.'11 Target	2011-12 Apr.-Dec.'11 Performance (Provl.)	2011-12 Jan.-Mar.'12 Target	2011-12 Jan.-Mar.'12 Performance (Proj.)	2011-12 Est.	2012-13 Projected Target (Provl.)	Brief reasons for variance in performance vis-a-vis target
1	2	3	4	5	6	7	8	9	10	11	12	13
A.	**PHYSICAL TARGETS**											
	Crude Throughput (Mumbai & Kochi refinery)		20.85	21.78	21.75	16.30	16.90	5.46	4.85	21.75	21.75	
B.	**OTHER PHYSICAL TARGETS**											
i)	Enrolment of LPG ustomers	Nos. Lakhs	21	28.4	33.80	24.34	24.44	9.46	9.36	33.80	30.0	
ii)	LPG Distributorships	Nos.	75	109	230	135	147	115	83	230	200	Advertisement not released for inclusive of 127 rural distributorships appointment of new distributors because of MOP & NG's directive for change in categorisation of distributorships.
iii)	Retail Outlets Commissioning	Nos.	820	599	700	525	528	175	172	700	700	Non-availability of suitable land.

BHARAT PETROLEUM CORPORATION LIMITED
ACHIEVEMENTS VIS-A-VIS TARGETS : 2010-11, 2011-12, PROJECTED TARGET FOR 2012-13

Sr. No.	Description	Unit	2010-11 Target (RE)	2010-11 Perfor-mance	2011-12 Annual Target (as per Action Plan)	2011-12 Apr.-Dec.'11 Target	2011-12 Apr.-Dec.'11 Perfor-mance (Provl.)	2011-12 Jan.-Mar.'12 Target	2011-12 Jan.-Mar.'12 Perfor-mance (Proj.)	2011-12 Est.	2012-13 Projected Target (Provl.)	Brief reasons for variance in performance vis-a-vis target
1	2	3	4	5	6	7	8	9	10	11	12	13
iv)	Production of Benzene											
	Mumbai Refinery	TMT	39.0	35.7	44.3	30.7	9.3	13.60	12.20	21.5	44.0	Benzene / Toluene production is in line with demand.
	Kochi Refinery	TMT	39.7	39.5	50.0	37.2	21.7	12.80	10.50	32.2	50.0	
v)	Production of Toluene											
	Mumbai Refinery	TMT	9.0	16.1	13.8	9.8	9.0	4.00	4.00	13.0	25.0	
	Kochi Refinery	TMT	13.8	14.2	25.0	18.8	14.6	6.2	5.0	19.6	20.0	

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	Apr.-Dec.11 (Actuals)	2012-13 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
1.	Sales (including Misc.Income)	₹ Crores	164973	165270	187769	156345	180546	
2.	Cost of Sales (Marketing &Refining)	₹ Crores	162561	169566	192593	158994	184316	
3	Cost of Sales as percentage of sales	%	99	103	103	102	102	
4.	Total Cost of Production	₹ Crores	69566	72512	89072	71143	80307	
5.	Total Sale Value of Production (Transfer value of Refinery Production)	₹ Crores	71352	73429	89375	71416	79650	
6.	Total Cost of Production as %age of total Sale value of Production	%	97	99	100	100	101	
7.	Value added per Employee	₹ Lakhs	82	41	52	64 (annualised)	62	
8	Total Value Added	₹ Crores	11389	5832	7063	8758 (annualised)	8266	
9	Ratio of Net Profit after tax to Average Net Worth	%	11	-47	-19	-28 (annualised)	-39	
10	Ratio of Gross Margin (Profit before Depn. Int & Tax) to Capital Employed	%	16	-3	4	0.26 (annualised)	1	

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	Apr.-Dec.11 (Actuals)	2012-13 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
11	Productivity							
(a)	Input Output Ratio	%	99	103	103	102	102	Represents cost of Sales (Item No.2) as % of Sales
(b)	Cost of Input per employee	₹ Lakhs	1172	1190	1415	1556 (annualised)	1377	Represents cost of Sales per Employee
(c)	Value of Output per Employee	₹ Lakhs	1190	1160	1380	1530 (annualised)	1348	Represents Sales per Employee
(d)	Capital Output Ratio	%	500	434	539	564 (annualised)	493	Sales expressed as % of Capital employed
12	Total Salary Paid :	₹ Crores	2803	2200	2200	1585	2400	
13	Utilities Consumed :	₹ Crores						
(a)	Electricity and Fuel		476	391	680	527	880	
(b)	Other Items (Water Charges)		24	25	23	18	25	
			500	**416**	**703**	**544**	**905**	

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	Apr.-Dec.11 (Actuals)	2012-13 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
14	Classification of Costs :	₹ Crores						
(a)	Total Fixed Costs		7867	8172	10148	8154	9750	
(b)	Total variable Costs		154694	161394	182445	150840	174566	
15	Maintenance and Repairs	₹ Crores	538	585	522	440	564	
16	Expenditure on Travelling	₹ Crores	113	150	105	81	113	
17	Expenditure on Entertainment	₹ Crores	1	1	1	1	1	
18	Total Overtime as % of Wage bill	%	2	2	2	2	2	

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	Apr.-Dec.11 (Actuals)	2012-13 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
19	Contribution to Central Govt. Exchequer	₹ Crores						
(a)	Cess on Crude Oil							
(b)	Royalty							
(c)	Dividend #		278	0	278	278	0	
(d)	Service Tax		47	41	54	43	55	
(e)	Excise Duty		10886	10312	9443	6925	9727	
(f)	Customs Duty		4875	6078	2886	1663	2973	
(g)	Others if any (specify)							
	Income Tax		1057		0	387		
	Corporate Dividend Tax		73	0.0	0.0	71	0.0	
20	Contribution to State Govt.	₹ Crores						
(a)	Sales Tax		17529	16621	19961	14863	20560	
(b)	Others - Rates & Taxes		44	33	28	23	29	
(c)	Octroi		1223	1144	1547	1183	1593	

Represents Dividend pay out on cash basis

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	Apr.-Dec.11 (Actuals)	2012-13 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
21	Number of Employee on roll as at the end of the year	Nos.						
(a)	Managerial		4957	5390	4929	4985	4989	
(b)	Clerical		2154	2133	2068	2070	2048	
(c)	Labour		6726	6777	6383	6356	6363	
	Total		13837	14300	13380	13411	13400	
22	Total Gross Internal Resources (Retained Profit+Depreciation+ Deferred Tax)	₹ Crores	4216	-480	-557	-1232	-1770	
23	Net Internal resources available for Plan	₹ Crores		0.0	0.0	0.0	0.0	
24	Approved plan outlay	₹ Crores	2814	2865	2199	2149	4479	
25	Actual Plan Expenditure	₹ Crores	2283			1090		
26	Profit / (Loss) before Tax		2413	-4296	-2487	-2649	-3770	
27	Tax Provision (including deferrred tax)		866	0	0	3	0	
28	Profit / (Loss) after Tax		1547	-4296	-2487	-2652	-3770	
29	Inventories at the close of the year							

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	Apr.-Dec.11 (Actuals)	2012-13 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
(a)	Value of Inventory of	₹ **Crores**						
	Raw Materials		4009	3879	4429	5284	4429	
	Stores and Spares		203	207	224	219	224	
	Total		4212	3199	4653	5503	4653	
(b)	Raw Material Inventory in Terms of per day consumption	No.of Days	23	31	20	23	23	
(c)	Value of Inventory Finished Goods	₹ Crores	10131	9679	11232	11127	11232	
(d)	Value of Inventory Semi-Finished Goods	₹ Crores	1031	1032	1099	989	1099	
(e)	Value Total Inventory (a+c+d)	₹ Crores	15375	13911	16984	17619	16984	
(f)	Finished Goods as % of net Sales		6	6	6	5 (annualised)	6	

8. Chennai Petroleum Corporation Limited (CPCL)

Chennai Petroleum Corporation Limited (CPCL), formerly, Madras Refineries Limited (MRL), Chennai was incorporated on December 30, 1965 with an Authorized Capital of Rs. 9 Crores under a Formation Agreement amongst the Government of India, National Iranian Oil Company of Iran and AMOCO India Inc. of USA.

The initial paid up capital was ₹ 8.50 crores of which the Government of India (GOI) held 74% and the other two partners held 13% each.

The entire shareholding of GOI of 51.81% was disinvested to and in favour of Indian Oil Corporation Ltd (IOCL) on 29.03.2001 and hence, CPCL has become a subsidiary of IOCL.

The authorized and paid up capital of CPCL is ₹ 400 crore and ₹ 149 crore respectively.

1. Physical Performance:

Crude Thruput (upto 31.12.2011)

The refineries at Manali and Cauvery Basin Refinery (CBR) processed 7.82 Million Metric Tonnes (MMT) of crude.

Fuel and Loss (upto 31.12.2011)

The Fuel & Loss of Manali Refinery during the year upto 31.12..2011 is at 10.1 wt.%. The Fuel & Loss at CBR upto 31.12..2011 is at 4.43 Wt%.

	2010-11	2011-12 (Upto 31.12.2011)	2011-12 (Target)
Installed Capacity (MMT)			
Manali Refinery	10.5	10.5	10.5
Cauvery Basin Refinery	1.0	1.0	1.0
Total	**11.5**	**11.5 #**	**11.5**
Actual Production (MMT)			
Manali Refinery	10.04	7.35	10.30
Cauvery Basin Refinery	0.70	0.46	0.75
Total	**10.74**	**7.82**	**11.05**

Capacity Utilisation (%)			
Manali Refinery	95.61	93.0*	98.09
Cauvery Basin Refinery	71.00	61.9*	75.00
Fuel & Loss (%)			
Manali Refinery	9.61	10.1	9.2
Cauvery Basin Refinery	4.52	4.4	4.8

Yearly target

* prorated for targets upto December 2011.

2. Budget Outlays

(₹ in crore)

2010-11			2011-12			2012-13
BE	**RE**	**Actual**	**BE**	**RE Proposed**	**Upto 31-12-11 Actual**	**BE**
1079.90	866.88	674.78	1053.92	373.00	316.64	785.68

3. Source of generation of Funds for the Budget 2012-13: Internal – ₹ 145.28 Crore: Others – ₹ 640.40 crore

4. Profitability: Details given below

5. Revenue Generation

(₹ in crore)

2010-11	2011-12	
Actual	Actual (upto 30.11.2011)	Anticipated
38128	29412	39685

6. Profit Before Tax

(₹ in crore)

2010-11	2011-12	
Actual	Actual (upto 30.11.2011)	Anticipated
763.52	(482.96)	(156.71)

7. Profit After Tax

(₹ in crore)

2010-11	2011-12	
Actual	Actual (upto 30.11.2011)	Anticipated
511.52	(50.27)	170.39

8. **Gender Budgeting:**

Number of women employees vis-à-vis total employees (as of 30.12.11)

Out of the 1769 employees (includes Directors (3) and Chief Vigilance Officer (CVO)), there were 89 women employees (including one Director) representing 5.03% of the strength. This comprises of 40 women executives and 49 non-executives.

(i) Statutory Obligations:

CPCL is complying with all the statutory obligations relating to women employees stipulated in various statutes as detailed under:

a. Equal Remuneration Act 1976

b. Factories Act 1948

c. The Maternity Benefits Act 1948

d. Industrial Employment (Standing Orders) Act, 1946 and the Conduct, Discipline and Appeal Rules.

(ii) Women Training & Development Programme:

Women employees have been nominated to 264 man-days of various general training programmes conducted at CPCL and 32 man-days of conferences/seminars organized by others during the year.

(iii) Corporate Social Responsibility Activities:

As a responsible Corporate Citizen, CPCL has undertaken various CSR initiatives, with standard mechanism for Identification, Selection, implementation and monitoring of the CSR activities.

The projects are identified in co-ordination with the end beneficiaries and local bodies like Municipal Panchayat, District Administration, Education Department, Hospitals, Schools, etc.

The CSR Programmes adopt a multi-disciplinary approach incorporating the following wide spectrum of activities:

- Healthcare and family welfare
- Education & Literacy Programmes including development of infrastructure
- Environment protection including tree plantation and awareness activities
- Infrastructure facilities like road, street lights
- Drinking water facilities
- Skill training programmes and activities towards employment generation
- Hygiene and Sanitation
- Empowerment of women
- Tribal development
- Promotion of recreational activities sports
- National causes / natural calamities

Women Development Programme:

Women empowerment through conduct of skill development programmes is accorded top priority by the Management. International Women's Day was celebrated by organizing programme in which eminent persons from various fields delivered lectures on topics of varied interest in women development and empowerment. This year also the same will be celebrated as conducted last year. Women Cell representatives are being nominated to attend WIPS Regional Meet on a quarterly basis and National Meet once in a year.

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A

(₹ in crores)

Sl No.	Item	Unit	2010-11 (Actual)	2011-12 (Projected) (B.E.)	2011-12 4/2011 11/2011(Actual) + Dec.2011 expected	Remarks
1	Sale	₹/Crore	38128.26	33527.60	33010.40	Gross Sales - Commision & Discount
2	Cost of Sale	"	37364.74	33265.00	32562.44	(Sales - Profit before tax)
3	Cost of sale as % of sale	%	98.00	99.22	98.64	
4	Total cost of production	₹/Crore	37608.68	33137.30	32466.17	(Crude cost + Excise duty + Operating Cost (net) + Depn.+Interest (net))
5	Total sale value of prodn.	"	38574.87	33527.60	32811.57	(Sales + Inv.Difference)
6	Total cost of production as % of total value of prodn.	%	97.50	98.84	98.95	
7	Value added per employee	₹/Crore	0.97	0.89	0.24	
7A	Total Value added	"	1727.85	1592.40	435.49	[(Gross Refinery Margin - (Utilities+Stores, spares and chemicals)]
8	Ratio of Net Profit after tax to Net Worth	%	13.58	4.57	-2.77	(Net Profit after tax/Net Worth)
9	Ratio of Gross Margin (profit before tax) to Capital Employed	%	10.30	3.09	-5.26	(P.B.T./Capital Employed)

Note: Cost of production excludes underecovery on account of Additional Sale Tax/Central Sales Tax and Selling and Distribution Expenses

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A

(₹ in crores)

Sl No.	Item	Unit	2010-11 (Actual)	2011-12 (Projected) (B.E.)	2011-12 4/2011 11/2011(Actual) + Dec.2011 expected	Remarks
10	PRODUCTIVITY					
	(a) Input output ratio	%	90.81	91.05	90.37	(Thruput/(Thruput-Fuel & Loss)
	(b) Cost of input per employee (crude cost)	₹/Lakhs	1911.87	1878.86	1743.04	(Crude cost/No.of employees other than Dev. & Project)
	(c) Value of output per employee	"	2339.29	1992.13	1943.81	(Value of prodn/No.of employee other than Dev.&Project)
	(d) Capital output ratio		10.12	8.64	8.92	(Turnover/Shareholders Fund)
11	TOTAL SALARY PAID					
	(a) Direct Wages	₹/Crore	201.87	235.14	166.14	
	(b) Overheads (Welfare Exp.)	"	38.35	32.46	17.00	
12	UTILITIES CONSUMED					
	(a) Electricity	₹/Crore	14.31	27.80	7.07	
	(b) Fuel (Own)	"	2066.00	2272.60	2908.47	
	(c) Other items (Water)	"	27.54	13.10	18.69	
	(d) Total	"	2107.85	2313.50	2934.23	

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A

(₹ in crores)

Sl No.	Item	Unit	2010-11 (Actual)	2011-12 (Projected) (B.E.)	2011-12 4/2011 11/2011(Actual) + Dec.2011 expected	Remarks
13	(a) Total fixed costs	"	964.33	1329.80	862.33	Includes all revenue expenditure excluding utilities & chemicals
	(b) Total variable costs	"	85.39	96.30	64.81	Utilities, Chemicals & Catalysts.
14	Maintenance & Repairs	"	127.96	135.40	96.52	
15	Expenditure on Travelling	"	2.34	7.71	1.16	
16	Expenditure on Entertainment	"	0.25	0.57	0.39	
17	Total overtime as %of total wages	%	14.12	22.00	10.09	O.T.as % of Sup &Non Sup salaries

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A

(₹ in crores)

Sl No.	Item	Unit	2010-11 (Actual)	2011-12 (Projected) (B.E.)	2011-12 4/2011 11/2011(Actual) + Dec.2011 expected	Remarks
18	CONTRIBUTION TO CENTRAL GOVT. EXCHEQUER					
	(a) Cess on Crude Oil	₹/Crore				
	(b) Royalty	"				
	(c) Dividend	"				
	(d) Sales Tax	"	159.87	190.00	140.00	
	(e) Excise Duty / Service Tax	"	4944.10	4600.00	3500.00	
	(f) Customs Duty	"	1140.14	400.00	390.00	
	(g) Others, if any - Income Tax	"	182.52	26.00	26.00	Includes Corporate tax,FBT & DDT
19	CONTRIBUTION TO STATE GOVTs.					
	(a) Sales Tax	"	386.09	480.00	360.00	Sales tax including VAT
	(b) Others	"	17.77	30.00	22.50	Includes Purchase Tax
20	NUMBER OF EMPLOYEES ON ROLL AS ON 31ST MARCH					
	(a) Officers	Nos.	813	810	806	
	(b) Workmen (Technical) }	"	959	960	958	
	(c) Workmen (Non-Technical) }	"	6	8	6	
21	Total Gross Internal Resources Generated (Retained Profit + Depreciation + Others)	₹/Crore	854.51	517.18	89.61	
22	Net Internal Resources available for Plan	₹/Crore	413.35	-536.74	-233.31	

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A

(₹ in crores)

Sl No.	Item	Unit	2010-11 (Actual)	2011-12 (Projected) (B.E.)	2011-12 4/2011 11/2011(Actual) + Dec.2011 expected	Remarks
23	Approved Plan Outlay	₹/Crore	1079.90	1053.92		
24	Actual Plan Expenditure	"	674.78		316.64	
25	Reasons for shortfall in Expenditure compared to approved outlay					
26A	Foreign Exchange Budget allotment					
	(a) Materials/Equipment	₹/Crore				
	(b) Services	"				
	(c) Others (specify)	"				
	TOTAL	"				
26B	Foreign Exchange Utilisation * (actual releases)	₹/Crore				
	(a) Materials/Equipment		29.98	35.00	22.49	
	(b) Services		10.25	15.00	7.69	
	(c) Others (Books&Travel)		1.22	3.00	0.92	
	(d) Dividends		27.63	0.00	0.00	
26C	Foreign Exchange Outgo * (actual payment)					
	(a) Materials/Equipment		29.98	35	22.49	
	(b) Services		10.25	15	7.69	
	(c) Others (Books&Travel)		1.22	3	0.92	
	(d) Dividends		27.63	0	0.00	

* Performance upto Nov.11 plus Dec. 11 (Anticipated).

CHENNAI PETROLEUM CORPORATION LIMITED **Annexure-A**

FINANCIAL EFFICIENCY PARAMETERS

(₹ in crores)

Sl No.	Item	Unit	2010-11 (Actual)	2011-12 (Projected) (B.E.)	2011-12 4/2011 11/2011(Actual) + Dec.2011 expected	Remarks
27	Profit before tax (after interest and depreciation)	₹/Crore	763.52	262.60	(447.96)	
28	Tax Provision	₹/Crore	252.00	85.20	(345.34)	
29	Profit After Tax	₹/Crore	511.52	177.40	(102.62)	
30	Total Value of Imports (CIF) *	₹/Crore	29.98	35.00	22.49	
31	Total value of procurement from indigenous sources	₹/Crore	51.39	60.00	38.54	Stores, Spares, Chemicals and Catalysts and Packing Materials consumed plus diff between closing and opening stores inventory
32	a) Value of inventory of raw materials,stores&spares	₹/Crore	2976.10	3000.00	3200.00	(Eliminating CIF value)
	b) Raw material inventory in terms of consumption	No.of days	26.08	30	27.44	
	c) Value of inventory of finished goods	₹/Crore	1635.81	1850.00	1910.58	
	d) Value of inventory of semi-finished goods	₹/Crore	501.07	450.00	510.30	
	e) Value of total inventory	₹/Crore	5112.98	5300.00	5620.88	
	f) Finished goods as % of sales		4.29	5.52	5.79	

* Excluding the cost of import of crude

9. NUMALIGARH REFINERY LIMITED (NRL)

Numaligarh Refinery Limited (NRL) was incorporated on 22nd April, 1993. NRL's establishment is rooted in the historic "Assam Accord" signed by the Government of India on 15th August, 1985. The Company is a subsidiary of M/s Bharat Petroleum Corporation Limited (BPCL) and operates a single location 3.0 MMTPA petroleum refinery at Numaligarh in Golaghat district of Assam. NRL is a Category-I Miniratna PSU. NRL's commercial operations commenced from 1st October, 2000.

The present authorized capital of the company is Rs. 1000 crores and paid up capital is ₹ 735.63 crores. Shareholding pattern of the company is Bharat Petroleum Corporation Limited (BPCL) 61.65%, Oil India Limited (OIL) 26% and Government of Assam-12.35%.

PHYSICAL PERFORMANCE

During 2010-11, NRL had successfully implemented a Diesel Quality Upgradation project within the approved project cost of ₹ 435 crores. The project involved major revamp of process units and has enabled production of Euro-III/IV grades of HSD at 100% capacity utilization of the refinery besides augmenting capacities of secondary processing units. Physical performance indicators of NRL since 2008-09 till the 3rd quarter of 2011-12 are as follows:

Parameter	2008-09	2009-10	2010-11	2011-12 (Apr-Dec)
Crude Receipt (TMT)	2308	2560	2258	2115
Crude Throughput (TMT)	2251	2619	2250	2165
Capacity Utilisation (%)	75.1	87.3	75.0	96.2
Distillate Yield (% Wt.)	84.7	85.3	84.7	90.6
Specific Energy Consumption (MBN)	70.7	67.6	69.0	59.3

FINANCIAL PERFORMANCE

Physical performance indicators of NRL since 2008-09 till December 2011 are as follows:

Parameter	2008-09	2009-10	2010-11	2011-12 (Apr-Dec) Provisional
Sales Turnover (Rs/Crs)	8853	7874	8972	10376
Profit Before Tax (Rs/Crs)	320	362	415	214
Profit After Tax (Rs/Crs)	236	232	279	147
Gross Refining Margin inclusive of Excise Duty benefit ($/bbl)	14.43	11.19	15.39	11.89

MARKETING

During 2010-11, NRL registered a Sales Volume of 2.14 MMT against previous year's figure of 2.36 MMT, out of which 0.31 MMT were sold through NRL's Retail Outlets and direct customers. Balance 1.83 MMT were sold through Oil Marketing Companies, namely BPCL, Indian Oil Corporation Limited (IOCL), Hindustan Petroleum Corporation Limited (HPCL), Reliance Industries Limited (RIL), Essar Oil Limited (EOL). Major quantity of products amounting to 1.65 MMT was sold to BPCL.

On the retail marketing front, in view of under-recoveries from retail sales of HSD, NRL has not pursued significant expansion of the Company's retail network during 2010-11. The Company had 73 Retail Outlets as on 1.4.2011. Within the North East region, during 2010-11, NRL secured 13% retail market share with barely 6% (65 numbers) of total Retail Outlets in the region.

CORPORATE SOCIAL RESPONSIBILITY (CSR)

NRL has been pursuing various CSR initiatives right from inception. NRL has been laying great emphasis in promoting education for the girl child. Under a scheme titled 'Prerana', scholarships are being awarded to over 200 girl students every year from schools in the neighbourhood of the refinery. Under a scheme 'Gyandeep', scholarships are awarded to meritorious students from High Schools and Junior Colleges. Under 'Gyan-Yatra', educational excursions are sponsored. NRL has introduced a scheme 'Dronacharya' for rewarding teachers based on results in Board Examinations.

CSR schemes of NRL also include providing clean drinking water and hygienic sanitation in villages within 10 km radius of the refinery. In the field of sports, NRL has taken up the initiative of sponsoring two promising young boxers from Assam till the London 2012 Olympic Games. Following focus areas have been identified by NRL for welfare of the economically weaker sections of the society:

- Agri-allied / Income generation activities
- Assistance to Educational Institutions
- Infrastructure Development
- Community Health
- Promotion of Art, Sports, Literature and Culture

Expenditure incurred by NRL on CSR activities since 2008-09 till December 2012 are as follows:

(₹ in Lakhs)

	2008-09	2009-10	2010-11	2011-12 (Apr-Dec)
Agri-Allied	44.58	64.08	54.09	48.08
Assistance to Educational Institutions	139.27	134.31	189.90	127.13
Infrastructure Development	139.53	171.38	145.84	72.11
Community Health	23.32	50.43	35.25	39.65
Promotion of Sports/ Culture/ Literature	59.71	50.77	72.35	44.72
TOTAL:	**406.41**	**470.97**	**497.43**	**331.69**

GENDER BUDGETING

As on 31.12.2011, NRL had 842 employees out of which 40 were female employees, constituting 4.75% of total employee strength. For 2011-12, against allocation of ₹ 68 lakhs on gender budgeting activities, expenditure during April-December 2011 had been ₹ 74 lakhs.

ANNEXURE-A

NUMALIGARH REFINERY LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(₹ in crores)

Sl. No.	Item	Unit	2010-11 (Actuals)	2011-12 BE	2011-12 RE	2011-12 Actual upto 31-12-2011	2012-13 Projected BE	2012-13 Remarks
1	2	3	4	5	6	7	8	9
1	Sales, etc **	₹ Crores	8,130.14	8,895.21	12,603.18	9,939.77	10,130.55	Financial parameters have been calculated based on 2.48 MMT crude throughput (83% capacity utilisation for the year 2012-13)
2	Cost of Sale	₹ Crores	7,715.60	8,652.08	12,389.63	9,725.79	10,211.53	
3	Cost of sale as %age of sale	Percent	94.90%	97.27%	98.31%	97.85%	100.80%	
4	Total cost of Production	₹ Crores	7,469.89	8,553.12	12,301.28	9,658.48	10,111.66	
5	Total sale value of production	₹ Crores	7,188.43	8,127.81	11,850.08	9,365.80	9,579.42	
6	Total cost of production as %age of total sale value of production	Percent	103.92%	105.23%	103.81%	103.13%	105.56%	
7	Value added/employee (Excl. Project)	₹ Lakhs	22.18	5.27	14.03	11.96	1.11	
7 A	Total value added	₹ Crores	176.77	41.64	110.80	98.53	9.13	
8	Ratio of Net Profit after tax to Average Net worth	Percent	11.28%	6.15%	5.55%	5.50%	-2.61%	
9	Ratio of Gross Margin (Profit before tax to Avg. cap employed)	Percent	16.26%	10.58%	7.69%	7.52%	-2.93%	
10	PRODUCTIVITY :							
	a) Input Output Ratio	Percent	87.57%	93.75%	95.35%	93.91%	94.68%	
	b) Cost of input per employee	₹ Lakhs	937.25	1,082.67	1,557.12	1,172.15	1,227.14	
	c) Value of output per employee	₹ Lakhs	901.94	1,028.84	1,500.01	1,136.63	1,162.55	
	d) Avg.Cap employed output Ratio	No. of times	2.82	3.54	4.27	3.29	3.47	
11	TOTAL SALARY PAID	₹ Crores						
	a) Direct wages		79.18	57.62	58.67	67.98	66.02	
	b) Overheads		58.82	52.33	62.12	34.98	49.30	
12	UTILITIES CONSUMED :	₹ Crores						
	a) Electricity Purchased }		2.12	-	-	-	-	
	b) Fuel }							
	c) Water							
	d) Total		2.12	-	-	-	-	

**Sales include Excise Relief, and is after netting off Accretion (+) or Decretion (-) of Stocks.

ANNEXURE-A

NUMALIGARH REFINERY LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(₹ in crores)

Sl. No.	Item	Unit	2010-11 (Actuals)	BE	RE	2011-12 Actual upto 31-12-2011	2012-13 Projected BE	2012-13 Remarks
1	2	3	4	5	6	7	8	9
13	a) Total Fixed Cost	₹ Crores	675.04	530.83	626.35	441.39	596.05	
	b) Total Variable Cost	₹ Crores	7,011.66	8,086.17	11,739.28	9,267.27	9,570.30	
14	Maintenance & Repairs	₹ Crores	69.53	101.96	96.93	58.16	95.40	
15	Expenditure on Travelling	₹ Crores	10.52	16.88	15.00	8.22	15.14	
16	Expenditure on Entertainment	₹ Crores	0.11	0.12	0.02	0.02	-	
17	Total Overtime as %age of wage bill	Percent	7.00%	5.84%	5.64%	3.60%	5.99%	
18	Contribution to Central Government Exchequer (cash basis)	₹ Crores						
	a) Cess on Crude Oil							GOI does not have any direct shareholding in NRL.
	b) Royalty							
	c) Dividend							
	d) Sales Tax (i.e.CST)		120.74	153.22	208.43	143.66	159.04	
	e) Excise Duty		618.36	551.65	545.12	408.84	570.42	
	f) Customs Duty		1.70	1.16	1.15	0.87	1.15	
	g) Others- Income Tax, Dividend Tax & Interest		170.51	91.69	107.97	118.67	-	
19	Contribution to State Government Exchequer (cash basis)	₹ Crores						
	a) Sales Tax		98.90	98.90	111.76	83.82	112.88	
	b) Others (Dividend)		14.90	9.40	15.27	14.86	15.27	
20	Number of Employees on Roll as on 31st March	Number						
	a) Officers		385	406	406	412	412	
	b) Workmen (Technical)}		402	372	372	408	408	
	c) Workmen (Non-Technical)}		30	32	32	24	24	
	d) Total (Including Project)		**817**	**810**	**810**	**844**	**844**	

ANNEXURE-A

NUMALIGARH REFINERY LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(₹ in crores)

Sl. No.	Item	Unit	2010-11 (Actuals)	BE	RE	2011-12 Actual upto 31-12-2011	2012-13 Projected BE	2012-13 Remarks
1	2	3	4	5	6	7	8	9
21	TOTAL INTERNAL RESOURCES GENERATED (includes carry forward) (Retained Profit + Deferred Tax Provision + Depreciation + write-off - deduction)	₹ Crores	94.72	244.14	167.88	94.22	138.42	
22	Net Internal Resources utilised for Plan (Surplus is carried forward)	₹ Crores	74.24	212.24	90.17	67.63	128.00	
23	Approved/ Projected Plan Outlay	₹ Crores		237.24	90.17		272.00	GOI does not have any direct shareholding in NRL.
24	Actual Plan Expediture	₹ Crores	139.24			67.63		
25	Reasons for shortfall in Plan Expenditure compared to approved Outlay							
26	Foreign Exchange Out-go (Used)	₹ Crores						
	a) Materials/ Equipment		59.28			58.11		
	b) Services }		1.00			0.98		
	c) Others }		0.06			0.06		
	d) Total		60.34	-	-	59.15	-	

ANNEXURE-A

NUMALIGARH REFINERY LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(₹ in crores)

Sl. No.	Item	Unit	2010-11 (Actuals)	BE	RE	2011-12 Actual upto 31-12-2011	2012-13 Projected BE	2012-13 Remarks
1	2	3	4	5	6	7	8	9
27	Profit Before tax	₹ Crores	414.54	243.13	213.54	213.98	(80.97)	
28	a) Income Tax Provision (Net)	₹ Crores	136.19	81.49	98.58	85.21	-	
	b) Deferred Tax Provision		(0.91)	2.47	(31.56)	(18.30)	(11.97)	
29	Profit After Tax	₹ Crores	279.26	159.18	146.52	147.07	(69.00)	
30	Total value of Imports (CIF)	₹ Crores	61.83			60.61		
31	Total value of procurement (crude) from indigenous sources	₹ Crores	7,075.48	7,848.82	11,661.30	8,893.04	9,210.43	
32	INVENTORY AT THE CLOSE OF THE YEAR							
a)	Value of inventory of Raw Materials, Store & Spares	₹ Crores	363.00	344.40	852.42	105.27	802.83	
b)	Raw Material inventory in terms of consumption	Percent	3.62%	1.90%	3.62%	0.47%	3.62%	
c)	Value of Inventory of Finished Goods	₹ Crores	1,137.11	711.36	711.36	1,335.14	711.36	
d)	Value of Inventory of Semi-Finished Goods	₹ Crores	132.08	100.66	100.66	160.91	100.66	
	Value of Total Inventory (a+b+c+d)	₹ Crores	1,632.19	1,156.41	1,664.44	1,601.32	1,614.85	
e)	Finished Goods as percentage of Net Sales	Percent	15.82%	8.78%	6.01%	14.64%	7.44%	

10. BALMER LAWRIE & COMPANY LIMITED (BL)

Balmer Lawrie was established in 1867 as a Partnership Firm and was incorporated as Private Limited Company in 1924. It was subsequently converted into a Public Limited Company in the year 1936. The company became a subsidiary of IBP Co. Limited in the year 1972 by virtue of which it became a PSU under the administrative control of Ministry of Petroleum & Natural Gas. However, with effect from 15th October, 2001, in terms of a scheme of arrangement and reconstruction made under sections 391-394 of the Companies Act, 1956 executed between IBP Co. Ltd. and Balmer Lawrie Investments Limited (BLIL) and their respective shareholders, IBP Co. Ltd. transferred entire 61.8% share holding of Bl to BLIL. Thus, BLIL is the present holding company of BL. As BLIL is a Government Company, BL continues to be a PSU.

Balmer Lawrie & Co Ltd [BL] is a multi technology, multi locational Company headquartered at Kolkata with operations spread throughout India. The Company has significant transnational business interest with a joint venture in Dubai and subsidiary in the UK. The Company also has several joint ventures in India.

The Company's business interest span both manufacturing and services. During the year 2010-11, the Company achieved Gross Turnover of ₹ 2148.05 crores and Profit before Tax of ₹ 181.04 crores (highest ever in the history of the Company). In comparison to the previous financial year, Gross Turnover and the Profit before Tax increased by 22% and 18% respectively.

The authorized capital and paid-up capital of the company as on 31/12/2011 was ₹ 30 crore and ₹ 16.29 crore respectively.

The Company is a diversified medium sized Company with operations spread throughout India. In terms of industry/business segments, the main activities of the Company can be categorized into four areas viz. Oil and Natural Gas related, Export related (including infrastructure for exports), Infrastructure & Services related and Research and Development.

1. PHYSICAL PERFORMANCE

Sl. No.	Description	Unit	2010-11 (Actual)	Estimated Apr.-Dec	2011-12 Estimate	2012-13 (BE)
1.	Barrels/Drums 200/2l0Ltrs.		33.86	27.79	32.50	33.50
	165 Ltrs. Bitumen	Nos./Lakhs	2.34	1.86	2.00	2.00
2.	Greases/Lubricants	MT/Lakhs	44.93	32.14	42.00	44.00
3.	Leather Chemicals	MT	7043	4719	6200	6400

2. BUDGET OUTLAYS

₹/Crores

	2010-11			2011-12			2012-13
	BE	**RE**	**Actual**	**BE**	**RE**	**Estimated YTD Dec.'11**	**BE**
Plan Expenditure	47.00	47.00	45.03	60.00	50.00	19.52	55.00

3. SOURCES OF GENERANTION OF FUNDS

	2010-11			2011-12			2012-13
	BE	**RE**	**Actual**	**BE**	**RE**	**Estimated YTD Dec.'11**	**BE**
Profit after Tax	111.80	103.00	121.09	114.00	122.00	--	130.50
Less : Dividend	40.01	43.68	49.21	44.63	51.10	100.33	53.00
Add : Depreciation	12.00	12.00	12.13	14.00	14.00	--	15.00
Less : Deduction/Adjustments	36.79	24.32	38.98	43.37	34.90	10.02 90.83	57.50
Internal Generation of Funds	47.00	47.00	45.03	40.00	50.00	19.52	35.00

4. PROFITABILITY [PBIDT]

	2010-11			2011-12			2012-13
	BE	**RE**	**Actual**	**BE**	**RE**	**Estimated YTD Dec.'11**	**BE**
Profitability (PBIDT)	186.00	168.00	196.16	188.00	199.00	162.05	216.00

5. REVENUE GENERATION (INTERNAL GENERATION)

₹/Crores

	2010-11	2011-12		2012-13
	Actual	Anticipated	Estimated YTD Dec.'11	Projected
Internal Generation	45.03	50.00	19.52	35.00

6. PROFIT BEFORE TAX

₹/Crores

	2010-11	2011-12		2012-13
	Actual	Anticipated	Estimated YTD Dec.'11	Projected
Profit Before Tax	181.04	180.00	148.52	192.50

7. PROFIT AFTER TAX

₹/Crores

	2010-11	2011-12		2012-13
	Actual	Anticipated	Estimated YTD Dec.'11	Projected
Profit After Tax	121.09	122.00	100.33	130.50

8. GENDER BUDGETING

I. Statutory Obligations

II. Training and Development

III. Socio Cultural Activity

IV. Women Development Programme

An amount of Rs.300.00 lakhs has been budgeted the 'SCP/TSP' and 'Gender Budgeting' for the year 2011-12. As on 31st December, 2011, projects amoun-ing to ₹72.17 lakhs was spent under the Schemes of 'BLISS' and 'SAMBAL'. Further, we would like to inform you that an amount of ₹300.00 lakhs has been kept as budget provision for the year 2012-13.

ANNEXURE - A

BALMER LAWRIE & CO. LTD.

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	Actual 2010/11	2011-12 Target	2011-12 Estimated April'11 - Dec'11	2011-12 2012-13 BE
1.	Sales [including Excise Duty]	(₹/Crores)	2148.05	2200.00	1798.33	2590.00
2.	Cost of Sales	(₹/Crores)	1967.01	2024.00	1649.23	2397.50
3.	Cost of Sales as % of Sales	(%)	91.6	92.0	91.7	92.6
4.	Total Cost of Production/ Services & Other Activities	(₹/Crores)	1938.00	1990.61	1626.39	2364.11
5.	Total Sale value of Production/ Services & Other Activities	(₹/Crores)	2137.89	2200.00	1798.52	2590.00
6.	Value Added per Employee	(₹/Lakhs)	31.01	33.36	33.59	37.14
7.	Total Value Added	(₹/Crores)	439.39	492.00	365.27	584.99
8.	**FINANCIAL**					
	(a) Ratio of Net Profit after Tax to Net Worth	(%)	22.68	19.84	21.16	19.00
	(b) Ratio of Gross Margin (PBIDT) to Capital Employed	(%)	36.23	32.62	33.54	26.43
	(c) PBT as % of Cap. Employed	(%)	33.43	29.44	30.59	23.56
	(d) PAT as % of Cap. Employed	(%)	22.36	19.74	20.66	15.91
	(e) Earnings per Share	(₹)	74.33	72.44	82.44	79.80
	(f) Net Worth//Eq. Share	(₹)	327.71	365.04	389.53	419.98
	(g) Debt Equity Ratio	(Ratio)	0.00:1	0.08:1	0.01:1	0.19:1 0.19

ANNEXURE - A

BALMER LAWRIE & CO. LTD.

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	Actual 2010/11	2011-12 Target	2011-12 Estimated April'11 - Dec.'11	2011-12 2012-13 BE
9.	**PRODUCTIVITY (*)**					
	(a) Input/Output Ratio	(Ratio)	1.26	1.29	1.26	1.29
	(b) Cost of Input per Employee	(₹/Lakhs)	120.27	115.41	98.49	127.13
	(c) Value of Output per Employee	(₹/Lakhs)	151.59	149.15	124.02	164.44
	(d) Capital Output Ratio	(Ratio)	3.97	3.68	2.77	3.17
	(*) Figures have been annualised wherever necessary. Capital Employed denotes Net Fixed Assets + Working Capital + Investments + Deferred Revenue Expenditure					
10.	**CONTRIBUTION TO CENTRAL EXCHEQUER**	(₹/Crores)				
	(a) Cess on Crude Oils		-	-	-	-
	(b) Royalty		-	-	-	-
	(c) Dividend		-	-	-	-
	(d) Sales Tax		10.10	7.00	5.50	11.00
	(e) Excise Duty		98.17	100.00	81.91	110.00
	(f) Customs Duty		2.54	5.00	3.00	5.00
	(g) Others, if any (Specify)					
	- Corporate Tax (Other than deferred Tax)		59.95	58.00	48.38	60.50
	- Others		19.34	14.00	9.25	20.00
			190.10	**184.00**	**148.04**	**206.50**

ANNEXURE - A

BALMER LAWRIE & CO. LTD.

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	Actual 2010/11	2011-12 Target	2011-12 Estimated April'11 - Dec.'11	2011-12 2012-13 BE
11.	**CONTRIBUTION TO STATE EXCHEQUER**	(₹/Crores)				
(a)	Sales Tax		29.08	32.00	20.50	35.00
(b)	Others		1.41	3.00	1.50	3.00
			30.49	**35.00**	**22.00**	**38.00**
12.	No. of Employees on Roll (As on 31st March)	(Nos.)	1417	1475	1450	1575
13.	**TOTAL GROSS INTERNAL RESOURCES GENERATED**	(₹/Crores)				
	(Retained Profit + Depreciation and Write-offs) before Non Plan Capital Expenditure		84.01	87.37	111.89	92.00
14.	**NON-PLAN CAPITAL EXPENDITURE**	(₹/Crores)				
	(a) Total		0.17	0.25	-	0.25
	(b) Funded by OIDB//FIs		-	-	-	-
	(c) Funded by IR		0.17	0.25	-	0.25
15.	Net Internal Resources available for Plan	(₹/Crores)	45.03	40.00	19.70	35.00

ANNEXURE - A

BALMER LAWRIE & CO. LTD.

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	Actual 2010/11	2011-12 Target	2011-12 Estimated April'11 - Dec.'11	2011-12 2012-13 BE
16.	Approved Plan Outlay	(₹/Crores)	47.00	60.00	50.00	55.00
17.	Actual Plan Expenditure	(₹/Crores)	45.03		19.70	35.00
18.	Reasons for shortfall in Expenditure compared to approved outlay (reasons should be very brief)		As regards the reasons for not achieving the targets, we would like to state that the Company has, from time to time, been reviewing its plan expenditure with a view to ensure that acceptable return, benefit accrues to the Company through such plan expenditure. The competitive situation prevailing in the market, has also led the Company to conserve cash and to examine more closely returns from the capital expenditure entailing deferment of plan expenditure. Plan expenditure for 2011-12 (RE) and 2012-13 (BE) has accordingly been projected.			
19.	Profit before Tax (after Interest & Depreciation)	(₹/Crores)	181.04	176.00	149.10	192.50
20.	Tax Provision	(₹/Crores)	59.95	58.00	48.38	62.50
21.	Profit after Tax	(₹/Crores)	121.09	118.00	100.72	130.00

11. BIECCO LAWRIE LIMITED (BLL)

Biecco Lawrie Limited was incorporated in 1919 as British India Construction Company Limited and became an independent PSU on 02.07.1979 through participation of Govt. of India as the major shareholder.

The authorized and paid up capital of the company as on 31.03.2011 were ₹ 5000 lakhs and ₹ 4200.47 lakhs respectively. The President of India currently holds 57% and Oil Industry Development Board (OIDB) holds 42% of the paid up capital of the company.

The company is having, at present, following business activities:

Electrical Operations : The company's Electrical Operations comprise of :-

Switchgear & Spares manufacturing and marketing.

Repair of Electrical Rotating Machinery and

Electrical Turnkey Projects

Petroleum Operation: The Company under takes lubricating oil filling operations on behalf of IOC & BPCL.

Physical Performance

During the year 2010-2011 the company manufactured and sold 1223 Nos. and 1141 Nos. of Switchgear Panels respectively this representing 89% of capacity utilization. Company is expected to manufacture 1300 Nos. Switchgear Panels during 2011-12, and 1645 Nos. of switchgear panels budgeted for 2012-2013. The company has introduced new variant of Switchgears for widening its customer base and to maximize their satisfaction with technically better product.

The company also undertakes electrical repair works. During 2010-2011 turnover was Rs.1104 lakhs and estimated turnover in 2011-12 is ₹ 1000lakhs. The company also budgeted for 2012-2013 Rs1050 lakhs.The company has put in extra effort for securing better order by expanding its customer base in Railways along with Steel and Coal Industries. The company has made Rate Contract Agreement / MoU with Bhilai Steel Plant, BEML etc., and is actively pursuing with IISCO, NTPC and other subsidiaries of Coal India. This will help in increasing the turnover as well as to strengthen its future customer base.

In its project activity the company registered a turnover of Rs.4130 lakhs in 2010-2011 and estimated turnover for the year 2011-12 is Rs4000lakhs and ₹ 4225 lakhs budgeted for the year 2012-2013.

The company is currently executing orders of New Town Electric Supply Co. Ltd, a joint venture of WBSEDCL and HIDCO for electrification of New Town located in the Eastern fringe of Kolkata, DVC-Jarkhand, Mahanadi Coalfields Ltd and orders of Government of Arunachal Pradesh for small hydropower projects.

Generation of Internal Resources

The company earned net profit of ₹ 3.75 Cr. during 2010-11 and expected profit in 2011-12 is ₹1.51 Cr. The budgeted net profit projected. for 2012-13 is Rs.1.68 Cr.

Financial Performance

The highlight of the financial performance of the company is given in Statement II, Part B.

Gender Budgeting

Due to acute financial constraints, the company is not in a position to earmark any fund to take up " Gender Budgeting initiatives" during 2011-12. No such plan has been contemplated during 2012-13 also.

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	2011-12 Actual Apr.-Dec'11 (Prov.)	2012-13 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
1.	Sales	₹/Crores	86.14	102.80	94.57	34.01	100.25	
2.	Cost of Sales	₹/Crores	82.39	98.03	93.06	41.89	98.57	
3.	Cost of Sales as percentage of Sales	Percentage	95.65	95.36	98.40	123.17	98.32	
4.	Total Cost of Production	₹/Crores	80.13	95.91	91.17	40.05	96.35	
5.	Total Sales value of Production (output)	₹/Crores	86.24	102.80	94.57	30.55	100.25	
6.	Total cost of production as percentage of total value of production	Percentage	93	93	96	131	96	
7.	Value added per employee	₹	750253	828385	742513	-171618	880571	
7A.	Total value added	₹/Crores	29.71	31.81	27.77	-6.47	30.82	
8.	Ratio of Net Profit after tax to Net Worth		N.A	14%	5%	N.A	5%	
9.	Ratio of Gross margin (Profit before tax) to Capital employed		10%	12%	4%	-19%	4%	
10.	Productivity							
	a) Input Output Ratio	Percentage	66	66	71	76	70	
	b) Cost of input per employee	₹	1441162	1772396	1795455	612202	2011714	
	c) Value of output per employee	₹	2177778	2677083	2528610	810345	2864286	
	d) Capital output Ratio	Percentage	205	245	225	73	239	
11.	Total Salary paid	₹/Crores						
	a) Officers		5.30	5.90	6.20	4.75	6.15	
	b) Workmen(Technical)		6.21	4.68	5.05	3.65	5.25	
	c) Workmen(Non-Technical)		2.97	1.91	2.50	1.88	2.65	
	d) Total		14.48	12.49	13.75	10.28	14.05	
	e) Overheads		2.54	3.67	3.75	2.85	3.86	
			17.02	16.16	17.50	13.13	17.91	

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	2011-12 Actual Apr.-Dec'11 (Prov.)	2012-13 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
12.	Utilities consumed	₹/Crores						
	a) Electricity		0.93	0.87	0.77	0.56	0.87	
	b) Fuel		0.18	0.24	0.21	0.16	0.24	
	c) Other Items		-	-	-	-	-	
	d) Total		1.11	1.11	0.98	0.72	1.11	
13.	a) Total Fixed Costs	₹/Crores	23.06	27.85	24.02	16.97	25.94	
	b) Total variable Costs(Input)	₹/Crores	57.07	68.06	67.15	23.08	70.41	
14	Maintenance and Repairs	₹/Crores	0.51	0.74	0.62	0.47	0.74	
15.	Expenditure on Travelling	₹/Crores	0.71	0.75	0.65	0.49	0.75	
16.	Expenditure on Entertainment	₹/lakhs	0.61	0.99	0.44	0.34	0.99	
17.	Total overtime as percentage of wages bill		3	6	3	2	6	
18.	Contribution to Central Govt. Exchequer	₹/Crores						
	a) Cess on Crude Oil		-	-	-	-	-	
	b) Royalty		-	-	-	-	-	
	c) Dividend		-	-	-	-	-	
	d) Sales Tax& Service Tax		0.82	2.07	1.00	0.67	2.10	
	e) Excise Duty		1.48	3.76	3.50	1.72	3.88	
	f) Customs Duty		0.07	0.10	0.10	0.02	0.10	
	g) Other, if any (FBTax etc.)		0	0.00	0.00	0.00	0.00	
19.	Contribution to State Govt.	₹/Crores						
	a) Sales Tax		0.51	0.88	0.80	0.62	0.88	
	b) Turnover Tax & Others							

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	2011-12 Actual Apr.-Dec'11 (Prov.)	2012-13 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
20.	Number of Employees on Rolls as on 01.04.10	Nos.						
	a) Officers		86	90	84	78	82	
	b) Workmen(Technical)		269	240	238	260	231	
	c) Workmen(Non-Technical)		41	54	52	39	37	
	d) Total		396	384	374	377	350	
21.	Total Gross Internal Resources Generated:(Retained Profit + Depreciation others) (Specify)	₹/Crores	4.41	5.45	2.20	1.62	2.46	
22.	Net Internal Resources available for plan	₹/Crores	-	-	-	-	-	
23.	Approved Plan Outlay	₹/Crores	8.00	8.00	5.00	5.00	8.00	
24.	Actual Plan Expenditure	₹/Crores	-	8.00	5.00	-	8.00	
25.	Reasons for shortfall in plan Expenditure compared to approved outlay(reasons should be very brief)**	₹/Crores	-	-	-	-	-	
26A.	Foreign Exchange Budget allotment(if any)	₹/Crores						
	a) Materials/Equipment		1.70	5.16	1.60	0.65	3.50	
	b) Services			-	-	-	-	
	c) Others-Technical know-how		-	-	-	-	-	
			1.70	5.16	1.60	0.65	3.50	

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	2011-12 Actual Apr.-Dec'11 (Prov.)	2012-13 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
B.	Foreign Exchange Utilisation							
	(actual release)	₹/Crores						
	a) Materials/Equipment		0.32	5.16	1.60	0.18	3.50	
	b) Services		-	-	-	-	-	
	c) Others-Technical know-how		-	-	-	-	-	
			0.32	5.16	1.60	0.18	3.50	
C.	Foreign Exchange out-go							
	(actual payment)	₹/Crores						
	a) Materials/Equipment		0.32	5.16	1.60	0.18	3.50	
	b) Services		-	-	-	-	-	
	c) Others-Technical know-how			-	-	-	-	
			0.32	5.16	1.60	0.18	3.50	
27.	Profit before Tax(after interest and depreciation)	₹/Crores	3.76	4.92	1.61	(7.80)	2.06	
28.	Tax Provision	₹/Crores	0.01	0.15	0.1	0.08	0.38	
29.	Profit after Tax	₹/Crores	3.75	4.77	1.51	(7.88)	1.68	
30.	Total value of Imports	₹/Crores	0.32	5.16	1.60	0.18	3.50	
31.	Total value of procurement from indigenous resources	₹/Crores	48.66	70.48	55.70	20.62	72.14	

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2010-11 (Actuals)	2011-12 Budgeted (B.E.)	2011-12 Antici-pated (R.E.)	2011-12 Actual Apr.-Dec'11 (Prov.)	2012-13 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
32.	Inventories as the close of the year :							
	A. Raw Material inventory in terms of manday/ consumption Days		119	95	79	92	77	
	B. Value of Inventory of raw materials, stores & spares	₹/Crores	9.61	9.87	8.49	6.56	7.89	
	C. Value of Inventory of Finished goods	₹/Crores	1.92	3.13	3.54	2.19	3.50	
	D. Value of Inventory of Semi-finished goods	₹/Crores	0.61	0.90	0.92	1.32	0.86	
	Value of Total Inventory (B+C+D)	₹/Crores	12.14	13.90	12.95	10.07	12.25	
	E. Finished goods as percentage of net sales	Percentage	3	3	4	7	4	

12. MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL)

Mangalore Refinery and Petrochemicals Limited (MRPL) was formed in 1987 as a joint venture company of Hindustan Petroleum Corporation Limited (HPCL) and Indian Rayon and Industries Limited and its associate companies (A.V. Birla Group). The Refinery project was commissioned in 1996 with actual capacity of 3.69 MMTPA which was expanded to 9.69 MMTPA in April, 2001. On acquisition of the entire stake of Aditya Birla Group and infusing additional equity capital of ₹ 600 crore in March, 2003 by ONGC, MRPL became a Government company within the meaning and scope of Section 617 of companies Act, 1956 and also a subsidiary company of ONGC.

The authorized and paid up capital (including Preference Share Capital) of the company is ₹ 2000 crore and ₹ 1761.85 crore respectively.

1. Physical Performance

During the year 2010-11, The Company processed 12.64 million metric tonnes (MMT) of crude oil, produced 11.77 MMT of finished goods and dispatched 11.69 MMT of finished goods. Distillate yield for the year was 72.67% comprising of Light distillate of 19.58% and Middle distillate of 53.09%. Heavy ends yield was 20.48%. The fuel & loss of the refinery was 6.85%.

The detail of production targets/achievements are as below:-

Sl. No.	Products	Unit	2010-11		2011-12			2012-13
			RE	Actual	BE	RE	Actual upto Dec.11	BE
	Thruput	M.T.	12400000	12638942	12600000	12800000	9408126	14200000
	Production	M.T.	11544000	11772855	11735000	11927000	8763042	13062000
	Fuel & Loss	M.T.	856000	866087	865000	873000	645084	1138000

2. Budget Outlays:

The details of the plan outlay/expenditure are as below:-

₹ in Crore

2010-11			2011-12			2012-13
BE	RE	Actual	BE	RE	Actual upto Dec.11	BE
3156.85	3671.00	3989.68	5164.00	4223.60	2720.41	6817.26

On going schemes

- The Company has taken up implementation of Refinery Expansion and Upgradation project (Phase III Refinery Project) costing ₹13964 Crore including Poly Propylene Project of ₹1804 crores

Physical progress of on going schemes

Project	Scheduled progress	Actual Progress
Phase III Refinery Expansion & up gradation Project as of 15.12.2011	99.9 %	90.40 %
CDU/VDU Revamp Project as of 15-12-2011	100 %	100 %
Single Point Mooring	84.70%	63.40%

3. Sources of Generation of funds for the Budget

The entire plan expenditure for the year 2010-11 has been met from internal resources. The outlay for 2011-12 will be met partially from internal resources and loans taken from OIDB and ONGC.

4. Profitability

During the year 2010-11, turnover of the company was ₹ 43,800 Crore which includes export turnover amounting to '14,604 crore. The company has reported profit after tax of ₹ 1176.63 Crore.

5. Profit Before Tax

₹/Crores

	2010-11	2011-12		2012-13
	Actual	(RE) Anticipated	Upto Dec.11 Actual	(BE) Projected
Profit/(Loss) before Tax	1737.49	927.50	428.54	129.65

6. **Profit after Tax**

₹/Crores

	2010-11	2011-12		2012-13
	Actual	(RE) Anticipated	Upto Dec.11 Actual	(BE) Projected
Profit /(Loss) after Tax	1176.63	626.57	306.61	87.58

7. Gender Budgeting:

i) Statutory Obligations :-

In work place equal opportunities are being given to women employees. Separate Rest room is provided to women employees. All statutory benefits meant for women employees are extended. Maternity benefit, nursing break facilities are given. Sexual Harassment Committee in accordance with the Supreme Court Direction is constituted & is operational.

ii) Training and Development

Special Training Programme on Gender sensitivity, Personality Development & effective communication for women employees organized. The total expenses on on women development and training was ₹5,58,347/-. It is also proposed to organize training programme on Health Care. Women employees are being sent for program conducted by WIPS (Women in Public Sector Forum).

iii) Socio Economic Activity

Women employees are encouraged to participate in cultural activities organized at the employees Recreation Club House and outside. Awareness programmes are organized for women employees.

iv) Women Development Programme- Corporate Social Responsibility.

Sl.No	Description	Amount Rs
1	Extended Scholarship and Financial aid to economically poor girl students studying in College. covering 50 girls	₹ 1,21,000/-
2	In a life enabling initiative a girl child Baby Dhara Makwana was supported for implantation of cochlear device to activate her hearing disability	₹ 1,00,000/-
3	A girl child Baby Namitha was provided financial help for her heart treatment	₹ 10,000/-
4	Through fitment of Jaipur Foot gave mobility to three women ranging from 14 to 72 years and a girl child of 7 years. One polio effected women was also given caliper for easy movement.	₹ 10,000/-
5	Conducted Self Employment training on stitch craft and tailoring at Sarpady. 42 women have trained and equipped to setup their tailoring unit and given individual sewing machine.	₹ 1,68,000/-.
6	Extended financial support for conducting Austere Marriage of 5 economically poor bridegrooms hailing from minority community	₹ 1,00,000/-

ANNEXURE-A

Mangalore Refinery & Petrochemicals Limited

Financial Efficiency Parameters

Sl. No.	Details	Unit	2010-11 Actual	2011-12 BE	2011-12 RE	2011-12 Actual Upto Dec.2011	2012-13 BE
1	Sales (Net of Excise Duty)	₹Crore	38,880.09	35,561.92	50,003.00	37,924.94	52,934.73
2	Cost of Sales	₹Crore	36,894.25	34,401.27	48,786.89	36,518.78	51,772.26
3	Cost of Sales as percentage of Sales	%	95%	97%	98%	96%	98%
4	Total Cost of Production	₹Crore	37,607.60	34,317.34	48,710.39	36,982.23	51,651.32
5	Total Sale Value of Production	₹Crore	39,695.36	35,561.92	50,003.00	38,456.88	52,934.73
6	Cost of Production as percentage of Sale value of production	%	95%	97%	97%	96%	98%
7	Total Value added	₹Crore	2,801.11	1,160.65	1,216.11	1,938.10	1,162.47
8	Value added per employee	₹Crore	2.13	0.83	0.79	1.50	0.67
9	Ratio of Net Profit After Tax to Net Worth	%	18.02%	5.01%	8.76%	5.98%	1.21%
10	Ratio of Gross Margin to Capital employed	%	77.79%	8.73%	19.44%	41.08%	9.46%
11	Contribution to Central Govt. Exchequer						
	(a) Cess/Excise Duty	₹Crore	4,750.52	4,654.32	3,431.69	2,602.78	3,632.90
	(b) Royalty	₹Crore					
	(c) Customs Duty	₹Crore	132.38	124.44	57.21	41.66	63.86
	(d) Corporate tax, FBT/W TAX	₹Crore	843.55	163.29	300.93	122.00	42.06
	(e) Tax on Foreign Companies A/c	₹Crore					
	(f) Dividend	₹Crore					
	(g) Tax on Dividend	₹Crore	34.93		34.12	34.12	
	Sub-total (11)	₹Crore	5,761.38	4,942.05	3,823.95	2,800.56	3,738.82

ANNEXURE-A

Mangalore Refinery & Petrochemicals Limited

Financial Efficiency Parameters

Sl. No.	Details	Unit	2010-11 Actual	2011-12 BE	2011-12 RE	2011-12 Actual Upto Dec.2011	2012-13 BE
12	Contribution to State Government Exchequer						
	(a) Sales Tax including turnover tax,						
	RST, CST & VAT	₹Crore	261.79	292.22	336.68	222.90	311.12
	(b) Royalty	₹Crore					
	(c) Octroi/BPT Duties & Entry Tax	₹Crore	98.73	90.62	128	83.02	135.89
	Sub-Total (12)	₹Crore	360.52	382.84	464.75	305.92	447.01
12A	Total Contribution to Central/State Exchequer (11+12)	₹Crore	6,121.90	5,324.89	4,288.71	3,106.48	4,185.83
13	Number of Employees on roll		1364	1739	1582	1455	1673
14	Total Manpower Cost	₹Crore	184.54	129.84	183.61	108.55	195.55
15	Retained Profit	₹Crore	931.39	317.11	626.57	306.61	87.58
16	Internal Resources Generated	₹Crore	1,009.75	820.42	1,045.74	601.83	1,045.66
17	Net Internal Resources available for plan	₹Crore	6,456.52	2,112.16	3,029.99	1,774.75	855.00
18	External Resources - ECB/Supp. Credit	₹Crore	0.00	1,800.00	0.00	0.00	6,300.00
19	Gross Resources available for Plan	₹Crore	6,456.52	3,912.16	3,029.99	1,774.75	7,155.00
20	Approved Plan outlay	₹Crore	3,989.68	5,164.00	4,223.60	2,720.41	6,817.00
21	Foreign exchange outgo						
	(a) Goods & Services	₹Crore	26,296.06	24,553.00	28,625.90	24,828.64	28,859.96
	(b) Interest	₹Crore	4.43	0.00	3.80	0.00	0.00
	Sub-total (19)	₹Crore	26,300.49	24,553.00	28,629.70	24,828.64	28,859.96

ANNEXURE-A

Mangalore Refinery & Petrochemicals Limited

Financial Efficiency Parameters

Sl. No.	Details	Unit	2010-11 Actual	2011-12 BE	2011-12 RE	2011-12 Actual Upto Dec.2011	2012-13 BE
22	Foreign exchange earnings	₹Crore	11,041.34	8,964.66	13,440.02	9,364.17	12,986.84
23	Profit/(Loss) Before Tax (after Interest & Depreciation)	₹Crore	1,737.49	480.40	927.50	428.53	129.65
24	Provision for Tax	₹Crore	873.92	163.29	300.93	135.80	42.07
24A	Deferred Tax	₹Crore	(313.06)	0.00	0.00	(13.88)	0.00
25	Profit after Tax	₹Crore	1,176.63	317.11	626.57	306.61	87.58

MANGALORE REFINERY & PETROCHEMICALS LIMITED **ANNEXURE B**

FINANCIAL EFFICIENCY PARAMETERS **(₹ CRORES)**

PART - I, RETAINED PROFIT/SURPLUS

Sl. No.	Description	2010-11 ACTUAL	2011-12 BE	2011-12 RE	2011-12 Actual Upto Dec.'09	BE 2012-13
1	2	3	4	5	6	7
1	**RECEIPTS**					
	(i) Gross Sales	38,880.09	35,561.92	50,003.00	37,924.94	52,934.73
	(ii) Other Income	65.71	15.64	19.23	(612.02)	18.39
	(iii) Interest Receipts	151.47	1.91	296.92	49.52	137.65
	Sub Total (1)	39,097.27	35,579.47	50,319.15	37,362.44	53,090.77
2	**Operating Cost**					
	(i) Raw Material Cost	37,219.34	33,956.30	48,279.06	36,701.36	51,227.49
	(ii) Salaries & Wages	184.54	129.84	183.61	108.55	195.55
	(iii) Bonus	0.00	0.00	0.00	0.00	0.00
	(iv) Maintenance, Utilities	98.00	115.50	133.29	77.26	137.89
	(v) Selling & Dist. Expenses	101.92	83.93	76.50	68.49	120.94
	(vii) Other Cost *	87.27	115.70	114.43	95.06	90.39
	Sub Total (2)	37,691.07	34,401.27	48,786.89	37,050.72	51,772.26
3	Accretion (+)/Decretion (-) to Stocks	827.08	0.00	0.00	595.11	0.00
4	DEPRECIATION & WRITE-OFFS	391.42	503.31	419.17	309.10	958.08
5	INTEREST PAYMENT					
	(i) Central Govt.	0.00	0.00	0.00	0.00	0.00
	(ii) Others	104.37	194.49	185.59	169.20	230.78
	Sub Total (5)	104.37	194.49	185.59	169.20	230.78
6	Profit/(Loss) Before Tax	1,737.49	480.40	927.50	428.53	129.65
8	Provision for Corporate Tax- Current Tax	873.92	163.29	300.93	135.80	42.07
8a	Defered Tax Liability	(313.06)	0.00	0.00	(13.88)	0.00
9	Profit After Tax	1,176.63	317.11	626.57	306.61	87.58
10	Dividend payments to Central Govt. & Others	210.31	0.00	0.00	0.00	0.00
11	Tax on Dividend	34.93	0.00	0.00	0.00	0.00
12	Retained Surplus carried over to Part-II	931.39	317.11	626.57	306.61	87.58

MANGALORE REFINERY & PETROCHEMICALS LIMITED **ANNEXURE C**

FINANCIAL EFFICIENCY PARAMETERS **(₹ CRORES)**

PART - II, GENERATED INTERNAL AND EXTRA BUDGETARY RESOURCES FOR PLAN SCHEMES

Sl. No.	Description	2010-11 ACTUAL	2011-12 BE	2011-12 RE	2011-12 Actual Upto Dec.'09	BE 2012-13
1	2	3	4	5	6	7
1	RETAINED PROFIT/SURPLUS FROM PART-1	931.39	317.11	626.57	306.61	87.58
2	ADD:(a) Depreciation & Write Offs	391.42	503.31	419.17	309.10	958.08
	(b) Defered Tax	(313.06)	0.00	0.00	(13.88)	0.00
3	DEDUCT					
	(i) Loan Repay Govt.India	0.00	0.00	0.00	0.00	0.00
	(ii) Loan Repay Others	0.00	431.40	431.40	341.40	360.00
	(a) Total Loan Repayments	0.00	431.40	431.40	341.40	360.00
	(b) Net Increase/Decrease in Working Capital	(1,558.55)	(150.00)	0.00	936.55	0.00
	(c) Non-Plan Capital Requirement	37.16	137.00	52.00	16.78	150.00
	(d) Amount withdrawn from Reserve	0.00	0.00	0.00	0.00	0.00
	Subtotal (3)	(1,521.39)	418.40	483.40	1,294.73	510.00
4	Adjusted internal Resources available for Plan schemes	2,531.14	402.02	562.34	(692.90)	535.66
5	Carry forward surplus available from pervious year	3,925.38	1,125.88	2,467.65	2,467.65	319.34
6	Total Internal Resources (4+5)	6,456.52	1,527.90	3,029.99	1,774.75	855.00
7	EXTRA-BUDGETARY RESOURCES					
	(a) Other Loans	0.00	4,000.00	2,000.00	1,000.00	3,500.00
	(b) Indian Loans (OIDB)	0.00	0.00	0.00	265.00	350.00
	(c) Project Tied Credit (WB,ADB)	0.00	0.00	0.00	0.00	0.00
	(d) Line of Credit - ECB/Suppliers Credit/ OIDB Loan	0.00	0.00	0.00	0.00	2,450.00
	(e) Cash credit (SBI)	0.00	0.00	0.00	0.00	0.00
	Subtotal (7)	0.00	4,000.00	2,000.00	1,265.00	6,300.00
8	Total Internal & External Budgetary Resources (6+7)	6,456.52	5,527.90	5,029.99	3,039.75	7,155.00
9	Plan Outlay	3,989.68	5,164.00	4,223.60	2,720.41	6,817.00
10	Surplus / Deficit for the Year	2,466.84	363.90	806.39	319.34	338.00

13. ENGINEERS INDIA LIMITED (EIL)

Engineers India Limited (EIL) is a leading design engineering and project management consultancy organization setup in 1965 with its headquarter situated in New Delhi. EIL has an authorized and paid up share capital of ₹ 300 crores and ₹168.47 crores respectively. The Government of India has a holding 80.4% in the paid up share capital of the company. Since its inception, EIL has been serving the petroleum, petrochemical, petro-chemical and other process industries alongwith the metallurgical industry. EIL provides a complete and comprehensive range of project services to these industries. The service range spans process design, detailed engineering, procurement, construction and project management to supervisory assistance for commissioning and plant start-up.

EIL has two wholly subsidiary companies, one in Malaysia-EIL Asia Pacific Sdn Bhd for project execution services and the other in India – Certification Engineers International Ltd. which provides certification and inspection services.

Physical Performance

Being a consultancy organization, EIL executes projects of its clients. As such, it has no refinery/ marketing terminal etc. of its own, thus no physical targets have been laid down.

Financial Performance

The details of Financial Performance are given in Annexure – A attached.

GENDER BUDGETING

EIL has a Women's Forum with a specific budget to empower, educate, encourage and motivate women employees in the organization. The Forum has women members as its core committee and it focuses on improvement of quality of not only work but also personal life, to the extent possible. This forum also keeps women updated on various issues through its networking within the organisation. A budgetary allocation to this Forum for the purpose of participation in Training Programmes, Workshops and Seminars etc. was ₹ 3 lakhs for 2011-12.

(i) Statutory Obligations

The Women Forum is authorized as the Gender Budgeting Cell and presently looking after overall welfare of women employees within the organization.

(ii) Training and Development

During 2011-12 (up to December 2011), 355 woman employees participated in training programmes

of which 320 women employees participated in in-house training programmes which comprised of training in Change Management, Leadership and Execution, Negotiation and Communication Skills, Stress Management, Creativity and Innovation, Fostering Teamwork etc. In addition, 35 women employees were nominated for external training programmes and 10 women employees for technical and management conferences. Above includes four training programmes exclusively for women employees which imparted training skills for self well being/development, leadership, coaching and counselling.

(iii) Number of Women Employees

Women employees comprise 11. 2 per cent of the total employees of the company.

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Description	Unit	2010-11 Actuals	2011-12 BE	2011-12 RE	2011-12 Apr'11 - Dec'11 Provisional	2012-13 Projected	Remarks
1	2	3	4	5	6	7	8	9
1.	SALES	₹/Cr.	2823	3700	-	2473	3700	
2.	COST OF SALES	₹/Cr.	2199	3176	-	1957	3217	*Including prior period expenditure*
3.	COST OF SALES AS % OF SALES	%	78%	86%	-	79%	87%	
4.	TOTAL COST OF PRODUCTION	₹/Cr.	—	—	—	—	—	
5.	TOTAL SALE VALUE OF PRODUCTION	₹/Cr.	—	—	—	—	—	
6.	TOTAL COST OF PRODUCTION AS % OF TOTAL VALUE OF PRODUCTION	%	—	—	—	—	—	
7.	VALUE ADDED	₹/Cr.	1364	1324	-	1103	1385	*Turnover less: Subcontract, Construction material,outsoucing R&D consumables.*
7A.	VALUE ADDED PER EMPLOYEE	₹/Cr.	0.41	0.37	-	0.32	0.37	*Average No. of Employee*
8.	RATIO OF NET PROFIT AFTER TAX TO NET WORTH	%	36%	27%	-	24%	23%	

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Description	Unit	2010-11 Actuals	2011-12 BE	2011-12 RE	2011-12 Apr'11 - Dec'11 Provisional	2012-13 Projected	Remarks
1	2	3	4	5	6	7	8	9
9.	RATIO OF GROSS MARGIN (PROFIT BEFORE TAX +DEP.TO CAPITAL EMPLOYED)	%	55%	41%	-	35%	25%	*Capital Employed=Net Worth* G.M for 2012-13 excl. other income
10.	PRODUCTIVITY:							
a)	INPUT OUTPUT RATIO				NOT APPLICABLE			
b)	COST OF INPUT PER EMP.							
c)	VALUE OF OUTPUT PER EMP.							
11.	TOTAL SALARY PAID:	₹/CR.	518	544	-	409	610	
12.	UTILITIES:							
a)	ELECTRICITY		|					
b)	FUEL		|					
c)	OTHER ITEMS		|		NOT APPLICABLE			
d)	TOTAL		|					
			|					
13.a)	TOTAL FIXED COSTS		|					
b)	TOTAL VARIABLE COSTS		|					
14.	MAINTENANCE AND REPAIRS	₹/ CR.	17	37	-	19	35	

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Description	Unit	2010-11 Actuals	2011-12 BE	2011-12 RE	2011-12 Apr'11 - Dec'11 Provisional	2012-13 Projected	Remarks
1	2	3	4	5	6	7	8	9
15.	EXPENDITURE ON TRAVELLING	₹/ CR.	53	59	—	40	60	*Including living Allowance*
16.	EXPENDITURE ON ENTERTAINMENT	₹/ CR.	2	3	—	1	3	
17.	TOTAL OVERTIME AS % OF WAGE BILL	%	0.16%	0.27%	—	0.27%	0.24%	
18.	CONTRIBUTION TO CENTRAL GOVT. EXCHEQUER	₹/ CR.						
a)	CESS ON CRUDE OIL		—	—	—	—	—	
b)	ROYALTY		—	—	—	—	—	
c)	DIVIDEND		135	110	—	—	156	*for the respective Financial year*
d)	TAX ON (C) ABOVE		27	23	—	—	31	*for the respective Financial year*
e)	SALES TAX		—	—	—	—	—	
f)	EXCISE DUTY		—	—	—	—	—	
g)	CUSTOM DUTY (CASH BASIS)		0.23	—	—	—	—	
h)	SERVICE TAX (CASH BASIS)		138	—	—	83	127	
i)	OTHERS(CORPORATE TAX)		262	227	—	210	229	*Provision for Tax including Deffered Tax*

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Description	Unit	2010-11 Actuals	2011-12 BE	2011-12 RE	2011-12 Apr'11 - Dec'11 Provisional	2012-13 Projected	Remarks
1	2	3	4	5	6	7	8	9
19.	CONTRIBUTION TO STATE GOVT.:	₹/ CR.						
a)	SALES TAX (HVAT & TNVAT) (Cash basis)		2.25	—	—	0.004	—	
b)	OTHERS		—	—	—	—	—	
20.	CLOSING NUMBER OF EMPLOYEES ON ROLL AS ON:	NOs.	3416	3617	—	3491	3850	
	CONTRACT EMPLOYEES	NOs.	1		—	—	—	
21.	TOTAL GROSS INTERNAL RESOURCES GENERATED	₹/ CR.	342	313	—	455	255	*Retained profit + Depreciation*
22.	NET INTERNAL RESOURCES AVAILABLE FOR PLAN	₹/ CR.						EIL has been exempted from formulation of Plan Outlays by planning commisssion under XI th five year plan On the same line at this stage we do not envisage any plan expenditure for 2012-13
23.	APPROVED PLAN OUTLAY/PROPOSED TARGET	₹/ CR.						

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Description	Unit	2010-11 Actuals	2011-12 BE	2011-12 RE	2011-12 Apr'11 - Dec'11 Provisional	2012-13 Projected	Remarks
1	2	3	4	5	6	7	8	9
24.	ACTUAL PLAN EXPENDITURE	₹/ CR.	—	—	—	—	—	
25.	REASONS FOR SHORT FALL IN PLAN EXPENDITURE COMPARED TO APPROVED OUTLAY		—	—	—	—		
26.	FOREIGN EXCHANGE							
A.	BUDGET ALLOTMENT							
a)	SUBCONTRACT / MATERIAL	₹/ CR.	—	—	—	—	—	
b)	TECHNICAL KNOW-HOW		—	—	—	—		
c)	OTHERS(ROYALTY,FOREIGN TRV. BOOKS,TRAVELLING TRANSFER OF FUNDS, ETC.)		—	—	—	—	—	
	TOTAL		—	—	—	—	—	
26.	FOREIGN EXCHANGE							
B.	UTILIZATION(ACTUAL RELEASE)							
a)	SUBCONTRACT / MATERIAL	₹/ CR.	221	—	—	387	—	
b)	TECHNICAL KNOW-HOW		7	—	—	2.86	—	
c)	OTHERS(ROYALTY,FOREIGN TRV. BOOKS,TRAVELLING TRANSFER OF FUNDS, ETC.)		10	—	—	11	—	
	TOTAL		238	—	—	401	—	

ENGINEERS INDIA LIMITED

Sl. No.	Description	Unit	2010-11 Actuals	2011-12 BE	2011-12 RE	2011-12 Apr'11 - Dec'11 Provisional	2012-13 Projected	Remarks
1	2	3	4	5	6	7	8	9
26.	FOREIGN EXCHANGE							
C.	ACTUAL PAYMENT							
a)	SUBCONTRACT / MATERIAL	₹/ CR.	221	—	—	387	—	
b)	TECHNICAL KNOW-HOW		7	—	—	2.86	—	
c)	OTHERS(ROYALTY,FOREIGN TRV. BOOKS,TRAVELLING TRANSFER OF FUNDS, ETC.)		10	—	—	11	—	
	TOTAL		238	—	—	401	—	
27.	PROFIT BEFORE TAX (AFTER INTEREST DEPRECIATION)	₹/ CR.	785	684	-	656	688	
28.	TAX PROVISION		262	227	-	210	229	
29.	PROFIT AFTER TAX		523	457	-	446	460	
30.	TOTAL VALUE OF IMPORTS		—	—	—	—	—	

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Description	Unit	2010-11 Actuals	2011-12 BE	2011-12 RE	Apr'11 - Dec'11 Provisional	2012-13 Projected	Remarks
1	2	3	4	5	6	7	8	9
31.	TOTAL VALUE OF PROCURMENT FROM INDIGENOUS SERVICES							
32.a)	VALUE OF INVENTORY OF RAW MATERIALS, STORES,SPARES							
	b)RAW MATERIAL INVENTORY IN TERMS OF MANDAY/ CONSUMPTION.							
	c) VALUE OF INVENTORY OF FINISHED GOODS							
	d) VALUE OF INVENTORY OF SEMI FINISHED GOODS VALUE OF TOTAL INVENTORY							
	e) FINISHED GOODS AS PERCENTAGE OF NET SALES.							

EIL BEING TECHNICAL CONSULTANCY ORGANISATION DOES NOT MAINTAIN ANY INVENTORY OF RAW MATERIALS,SEMI FINISHED OR FINISHED GOODS,ETC.EXCEPT A NOMINAL INVENTORY OF STORES & SPARES REQUIRED IN RESPECT OF CONSUMABLES.

14. OIL INDUSTRY DEVELOPMENT BOARD

Objectives of the Board

The Oil Industry (Development) Act, 1974 was enacted for development of Oil Industry following successive and steep increase in the international prices of crude oil and petroleum products since early 1973, when the need of progressive self-reliance in petroleum and petroleum based industrial raw materials assumed greater importance.

Resources of the Board

The funds required for various activities are made available by the Central Government to Oil Industry Development Board after due appropriation by Parliament from the proceeds of cess levied and collected on indigenous crude oil. The proceeds of this duty are credited to the Consolidated Fund of India. The current rate of cess on crude oil produced in the country is ₹ 2500/- per tonne w.e.f. 1st March, 2006. Since inception and up to 31st March 2011, the Central Government has collected about ₹ 95,320 crore as cess. Out of this, OIDB has received an amount of ₹ 902.40 crore. The amount of cess so received by OIDB together with internal receipts generated by way of interest income on loans extended to Oil PSUs and short term deposits of surplus funds has contributed to Oil Industry (Development) Fund to accumulate to ₹10,175 crore as on 31st March, 2011.

Deployment of Funds

Keeping in view the paramount need for attaining self-sufficiency in the production of crude oil, OIDB has taken initiatives to fund various surveys and R&D Projects in upstream sector. OIDB has accorded highest priority to programmes connected with exploration, production, refining and storage of crude oil/natural gas and other alternative sources of energy. OIDB is funding National Gas Hydrate Programme (NGHP), exploration of Coal Bed Methane in Rajasthan, exploitation of alternate energy sources etc. The Board has, since inception up to 31st December 2011, extended financial assistance of ₹ 31,279 crore as loan and ₹ 1640.86 crore as grant to Oil companies, R&D institutions & other schemes approved by the Government/OIDB. Further, an amount of ₹ 249.93 Cr. was also paid as royalty to the State Governments In addition, OIDB has, upto 31st December 2011, invested ₹1351 crore (approx.) & ₹17.58 crore in the equity share of Indian Strategic Petroleum Reserves Limited (a wholly owned subsidiary of OIDB) and M/s. Biecco Lawrie Ltd. respectively. Almost entire portion of the loan assistance is given to Oil PSUs for meeting expenditure on capital projects. The loan outstanding from Oil PSUs to OIDB, as on 31st December 2011, was about ₹ 8688 crore (Approx.).

Budget Outlays of Oil Industry Development Board

₹ in crore

2010-11			2011-12		2012-13
BE	RE	Actual	BE	RE	BE
2178.72	2270.58	2238.10	2802.19	2840.40*	3900.00*

***** Provisional

Source of generation of funds for OIDB Budget

The cess receipts along with internal generation of income by way of interest on loans to Oil PSUs and short term deposit of surplus funds has contributed to Oil Industry (Development) Fund (₹10,175 crore upto 31.03.2011). During the financial year 2011-12, OIDB disbursed loans to Oil PSUs amounting to ₹1105 crore upto 31.12.2011 at an interest rate ranging between 8.48% per annum to 9.04% per annum for a period of 5 years.

Profitability

Provisionally, during the financial year 2011-12, Oil Industry Development Board is expecting revenue generation of ₹ 691 crore and Profit After Tax (PAT) of about ₹ 321 crore.

₹/crore approx

	2010-11 (1st Apr. to 31st Dec.)	2010-11 Actuals	2011-12 (1st Apr. to 31st Dec.)	2011-12 *provisional	2012-13 Estimated
Revenue Generation	532.51	707.10	507.96	691.00	700.00
Profit Before Tax	455.42	477.41	432.47	465.00	470.00
Profit After Tax	314.70	329.83	298.84	321.00	325.00

* Provisional

15. OIL INDUSTRY SAFETY DIRECTORATE (OISD)

Oil Industry Safety Directorate (OISD) is a technical directorate under the Ministry of Petroleum and Natural Gas and has been entrusted with the responsibility of formulating standards, overseeing its implementation through safety audits in petroleum industry to enhance safety levels and reduce risk inherent with this industry. OISD standards cover the entire activities pertaining to hydrocarbon sector i.e. exploration & production, refining, gas processing, storage, distribution, environment etc. which are implemented on self-regulatory basis by public sector oil companies. The Oil Industry Safety Directorate, assists Safety Council under the Ministry of Petroleum and Natural Gas. The safety council is headed by Secretary, P&NG as Chairman and includes Additional Secretary, Joint Secretaries, Chief Executives of all Public Sector Undertakings under the Ministry, Chief Control of Explosives, Advisor (Fire) of the Government of India, Director General- Mines Safety, Director General of Factory Advice Service & Labour Institutes and two Chief Executives from private/ JV companies, on rotation basis as members. ED- OISD acts as member secretary to Safety Council.

OISD develops technical safety standards for the oil and gas sector, drawing knowledge from international standards and adapting them to Indian conditions. These standards cover inbuilt design safety, asset integrity and best operating practices in the field of production, processing, storage and transport of petroleum. OISD standards are reviewed periodically to incorporate the latest technological developments. During the year 2011-12, five existing standards have been taken up for revision and three new standards are under development. As on date, OISD has developed, published and issued for implementation of 112 technical safety standards.

During the year 2010-11, ESA of 3 refineries and 3 Gas Processing & Petrochemical plant, 24 marketing locations i.e. POL terminal/ Depot, LPG plants, 64 on land E&P installations & 10 offshore E&P installations and 2098 km of cross country pipelines have been completed. Additionally, Pre-commissioning Safety Audit of 16 new projects in refineries & 1002 km of Cross Country Pipeline have been carried out in line with approved methodology. Further, Surprise Safety Audit of 6 refineries and 2 Gas Processing Plants have been completed. In addition to above, construction safety audit of one ‘crude cavern storage’ facilities at Vishakhapatnam was carried out during the year. During 2011-12 , ESA of 4 refineries has been carried out and ESA of another 1 refinery and 2 Gas processing plants is planned to be carried out by March 2012. ESA of 6 marketing locations (POL terminal/Depot, LPG plants) have been carried out and another 10 installations will be audited by March 2012. ESA of 59 On-land E&P installations and 7 offshore E&P installations has been carried out and another 2 offshore installation will be audited by March 2012. ESA of 961 kms of cross country pipelines has been carried out till date and another 1539 kms will be audited by March 2012. Surprise Safety Audits of 5 E&P installations, 12 marketing installations were carried out. It is planned to conduct another 9

refineries and gas processing plants by March 2012. Pre-commissioning Safety Audits of 3 refineries, 12 marketing installations and 8 segments of 691.2KMS of cross country pipelines have been carried out during the year. For the first time, ESA of Private sector refineries - Essar Oil Ltd. and RIL were conducted during this year.In addition to above, construction safety audits of 2 'crude cavern storage' facilities were carried out.

During 2012-13, ESA of 4 refineries and 2 gas processing plants, 50 marketing installations, 55 E&P onshore installations, 10 offshore installations and 2500 km of cross country pipelines have been planned to be carried out in 2012-13. Additionally, surprise safety audit of 4 refineries and 2 gas processing plants have also been planned during the period.

Safety performance evaluation is done by a specially developed methodology which is based on hazards associated, incidents occurred during the year and safety management system of the installation. The process of safety performance evaluation of E&P, Refineries & Gas Processing, Cross Country Pipelines and Marketing sectors for the year 2010-11 has been finalized and is planned to be presented along with 2009-10 awards.

OISD is the safety regulator for upstream offshore operations in India. OISD has MOU with Bureau of Safety and Environmental Enforcement (BSEE) of the Department of the Interior, USA for knowledge sharing and capacity building in the area of offshore safety. Under this MOU, a three day Regulators interaction on Offshore Structures with BSEE experts has been planned at OISD during 18th to 20th January, 2012. As part of its regulatory functions, OISD accords consent for operation of offshore installations. During the Year 2010-11, OISD accorded consent for 34 Nos. of installation and during 2011-12 upto December'2012, consent for operation of 32 installations were accorded by OISD.

OISD conducts regular Training Program / Conferences/ Workshops covering entire oil industry are conducted by OISD to discuss latest technological developments, sharing of experiences etc. A seminar on 'Hydro Processing: Challenges in High Pressure Systems and H2S handling in Refineries & Gas Processing Plants' was conducted on 14-15th Jan'2011. A workshop on 'Safety Critical Issues in On land E&P operations' was organized for Pvt/ JV E&P operators on 23rd September 2011. Further, one more Workshop on 'Enhanced Capability in Prevention of Accidents & Fire-fighting: Best practices in hydrocarbon sector' was organized during 12th – 13th January, 2012.

OISD investigates as well as participates in investigation of major incidents (depending upon the severity / damage) to analyse the cause of the incident. Eight investigations have been carried out by the OISD during the year 2011-12. databank of incidents of the oil industry is maintained and analysed to reflect statistical trends, areas of concern, major recommendations etc which are then disseminated to the industry through safety alerts, advisory notes, workshops, training programmes

etc. During the year 2011012, the following major incidents were investigated by OISD:-

BUDGET OUTLAYS

OISD is a grantee Organization of OIDB which is source of all fund requirements. During 2011-12, the actual expenditure up to December 2011 is ₹ 585.56 Lacs and an amount of ₹ 451.99 Lacs is expected to be incurred during January to March-2012. Revenue generation from sale of Standards, Pre-Commissioning audits and training programs is ₹ 42.36 up to December -11 and an amount of ₹ 13.0 Lacs is expected to be generated during January to March 2012. Hence, the net expenditure for the year 2011-12 will be around ₹ 982.19 Lacs against the estimated budget amount of ₹ 1015 Lacs. During the previous year 2010-11 actual expenditure was ₹ 925.44 Lacs and revenue generation from sale of Standards, Pre –Commissioning audits and training programs was ₹ 85.04 Lacs. Accordingly, the net expenditure during 2010-11 was ₹ 840.40 Lacs against budget amount of ₹ 1086.00 Lacs.

During 2012-13 a net expenditure of Rs 1245.00 Lacs is estimated after taking into account ₹ 72.00 Lacs of income from sale of Standards, Pre –Commissioning audit and training programs. OISD being a grantee organization do not make any profit or loss. Further no separate expenses are incurred on general budgeting.

16. PETROLEUM CONSREVATION RESEARCH ASSOCIATION (PCRA)

India is at present one of the least energy efficient countries in the world with identified scope of reducing energy consumption by 15% to 20% in all major sectors through conservation measures. As there are millions of consumers in the country, any savings achieved by individual consumers will cumulatively amount to large quantities and obviate the need to produce or import equivalent amount of new energy on a recurring basis. Energy conservation and energy efficiency would encompass all measures that would bring about efficient use of energy sources in all areas including production, conservation, transmission/transportation, consumption as well as measures of optimizing the demand itself.

Petroleum Conservation Research Association (PCRA) is a Registered Society set up in 1978 under the aegis of Ministry of Petroleum & Natural Gas, Government of India. PCRA is a national government agency engaged in promoting energy efficiency in various sectors of the economy. It helps the government in proposing policies and strategies for petroleum conservation, aimed at reducing excessive dependence of the country on oil requirement.

Petroleum Conservation Research Association (PCRA) has been providing services leading to improvement in energy utilization in the Industrial, Transport, Agriculture and Domestic sectors of the economy. PCRA has been active in undertaking energy conservation awareness campaigns through the Print, Electronic and outdoor media. The awareness campaigns coupled with adoption of petroleum conservation measures lead to improvement in efficient Energy utilization. These measures are a mix of activities, which directly lead to conservation of energy e.g. Energy Audit, Fuel Oil Diagnostic Studies (FODS), Walk-through Audits in Small Scale Industries, Driver Training Programmes etc.

In its mission for improvement of quality of life, PCRA works in close association with Public Sector Oil Companies, Government & Non –Government Organizations, Research Institutes and Laboratories, Educational Institutions, Consumer Associations and other Organizations. Some of the activities undertaken by PCRA in order to improve awareness level about the importance and methods of energy conservation are as follows:-

PCRA's programs focus on improvement in energy productivity through technological interventions, energy audit, fuel oil diagnostic studies, small-scale industry energy survey, follow-up study and institutional training in large, medium & small-scale industries.

PCRA conducts variety of integrated energy management programs for State Transport undertakings, private fleet operators, organizations in the private & public sector, Defence & Paramilitary to promote efficient use of petrol, diesel, lubricants through better maintenance practices, better driving habits,

model depot studies, emission awareness program, exhibitions, workshops & clinics.

The potential and scope for conservation of petroleum products & electricity in this sector is huge. The use of Non-ISI and substandard foot valves, pumping sets and other equipments results in wastage of oil and electricity. PCRA disseminates the benefit of using energy efficient ISI marked foot valves, pump sets etc. through Van publicity, Kisan melas and Agriculture workshops.

PCRA plays an educator's role in this sector to raise the awareness primarily amongst housewives and youth on energy conservation and safety practices through LPG/Kerosene clinics and Youth programs conducted in schools and colleges.

B. RESEARCH & DEVELOPMENT

Towards optimum utilization of energy and reduction in pollution in different sectors of economy through development and demonstration of new & improved equipment/appliances, new efficient technologies and processes, PCRA sponsors appropriate R&D projects and also helps in adoption & dissemination of successful R&D outcomes.

C. EDUCATION CAMPAIGN

Education campaign is used by PCRA as a communication tool to create mass awareness on efficient utilization of energy resources, a tool that is effective to bring attitudinal changes through sustained efforts using various methods of communication. In order to bring attitudinal changes towards energy efficiency, focused sector specific energy saving measures and techniques are propagated to target the users. PCRA has also initiated efforts for inclusion of text on energy efficiency in schoolbooks. Youth in colleges and institutions are being sensitized to the criticality of oil dependence and relevance of energy conservation.

D. PCRA - A Certified Energy Auditing Agency

PCRA has achieved accreditation as Certified Energy Auditing Agency and has a large team of certified energy managers in its rank. To extend the reach of its activities, technically qualified professionals and agencies have been empanelled who fulfill the requirements set out by PCRA.

E. SYNERGY THROUGH TIEUPS

PCRA works in close association with other leading National and International agencies such as Bureau of Energy Efficiency (BEE), Confederation of Indian Industry (CII), Federation of Indian Chambers of Commerce and Industry (FICCI), The Energy Conservation Center Japan (ECCJ) and other premier institutions.

FINANCIAL PERFORMANCE

(₹ in lacs)

Budget Vs. Actual

	PARTICULARS	2010-11 OBE	RBE	ACTUAL	2011-12 OBE	RBE Upto 31.12.11	Committed	Proposed 2012-13 OBE
A.	**REVENUE EXPENDITURE**							
1	FIELD ACTIVITIES	450.00	450.00	539.43	450.00	500.00	259.00	500.00
2	EDUCATION CAMPAIGN(Mega campaign)	5500.00	0.00	0.00	2000.00	2000.00	0.00	5500.00
	EC(Routine activities)	1000.00	800.00	173.52	1000.00	800.00	510.00	1000.00
3	RESEARCH & DEVELOPMENT	150.00	150.00	39.17	150.00	85.00	37.75	100.00
4	TRAINING & DEVELOPMENT	35.00	35.00	18.46	35.00	20.00	10.00	25.00
5	ESTABLISHMENT EXP	1600.00	1600.00	1761.83	1600.00	1700.00	1300.00	1700.00
6	ADMINISTRATION EXP	300.00	300.00	275.00	300.00	300.00	203.00	300.00
7	SOFTWARE EXP	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	TOTAL REVENUE BUDGET(A)	**9038.00**	**3338.00**	**2810.41**	**5538.00**	**5408.00**	**2322.75**	**9128.00**
B.	**CAPITAL EXPENDITURE**							
8	FACILITY ORIENTED ITEMS	5.00	5.00	0.80	5.00	5.00	4.31	5.00
9	COMPUTERS	12.00	12.00	8.00	12.00	6.00	3.00	8.00
10	TECHNICAL EQUIPMENTS	40.00	40.00	10.00	40.00	60.00	20.00	40.00
11	PROMOTIONAL SCHEMES	2.00	2.00	0.00	2.00	2.00	0.00	2.00
	TOTAL CAPITAL BUDGET(B)	**59.00**	**59.00**	**18.80**	**59.00**	**73.00**	**27.31**	**55.00**
	TOTAL EXPENDITURE (A+B)	**9097.00**	**3397.00**	**2829.21**	**5597.00**	**5481.00**	**2350.06**	**9183.00**
C.	LESS: OCF'05 Grant from oil companies ©	100.00	100.00	100.00	100.00	100.00	63.00	100.00
D.	**Miscellaneous income(D)**	450.00	250.00	296.00	250.00	250.00	135.00	250.00
	TOTAL (C+D)	550.00	350.00	396.00	350.00	350.00	198.00	350.00
	Total (A+B)-(C+D)	**8547.00**	**3047.00**	**2433.21**	**5247.00**	**5131.00**	**2152.06**	**8833.00**

17. PETROLEUM PLANNING AND ANALYSIS CELL (PPAC)

The Petroleum Planning and Analysis Cell (PPAC) was created w.e.f. 1st April, 2002 after dismantling of the Administered Pricing Mechanism (APM) in the petroleum sector and abolition of the erstwhile Oil Co-ordination Committee (OCC). It is attached to Ministry of Petroleum & Natural Gas and assists inter-alia in the discharge of following functions:

1. Administration of subsidy on PDS Kerosene and domestic LPG and freight subsidy for far-flung areas;

2. Maintenance of information data bank and communication system to deal with emergencies and unforeseen situations;

3. Analyzing the trends in the international oil market and domestic prices;

4. Forecasting and evaluation of petroleum import and export trends;

5. Operationalizing the sector specific surcharge schemes, if any.

Oil Industry Development Board (OIDB) funds the expenditure for the Cell.

PDS Kerosene and Domestic LPG Subsidy Scheme, 2002

1. The budgetary provision for subsidy claim under the PDS Kerosene and Domestic LPG Subsidy Scheme, 2002 for the period 2010-11 to 2012-13 and the actual expenditure for the period 2010-11 and 2011-12 i.e. Apr'11 to 5th Dec'2011 is as under:

₹/Crores

2010-11			2011-12			2012-13
BE	RE	Actual	BE	RE	Actual (upto Dec. 2011)	BE
2900	2900	2904.20	3050	3000	1686.10	3130

Freight Subsidy (For far-flung areas) Scheme, 2002

2. Budgetary provision for subsidy claim under the Freight Subsidy (for far-flung areas) Scheme, for the period 2010-11 to 2012-13 and the actual expenditure for the period 2010-11 and 2011-12 i.e Apr'11 to 5th Dec'2011 is as under :

₹/Crores

2010-11			2011-12			2012-13
BE	RE	Actual	BE	RE	Actual (upto Dec. 2011)	BE
25	25	22.4	26	25	14.18	26

18. DIRECTORATE GENERAL OF HYDROCARBONS (DGH)

The Directorate General of Hydrocarbons (DGH) was established under the administrative control of Ministry of Petroleum and Natural Gas by Government of India Resolution in 1993. Objectives of DGH are to promote sound management of the oil and natural gas resources having a balanced regard for environment, safety, technological and economic aspects of the petroleum activity. DGH has been entrusted with certain responsibilities concerning the Production Sharing Contracts for discovered fields and exploration blocks, promotion of investment and monitoring of E&P activities including review of reservoir performance of major fields. In addition, DGH is also engaged in opening up of new unexplored areas for future exploration and development of non-conventional hydrocarbon energy sources. Details of the main activities undertaken by DGH are as under:-

1) IMPLEMENTATION OF NELP:

The New Exploration Licensing Policy (NELP) was formulated by GoI in 1997 which provides a level playing field to the private investors by giving them the same fiscal and contract terms as applicable to NOCs for the offered exploration acreages. The main objective was to attract significant risk capital from Indian and Foreign companies, state-of-the-art technologies, new geological concepts and best management practices to explore oil and gas resources in the country to meet rising demands of oil and gas. This policy became effective in February, 1999 with the issue of Gazette Notification. Eight rounds of bids have so far been concluded under NELP, in which production sharing contracts for 235 exploration blocks have been signed.

2) MONITORING OF PRODUCTION SHARING CONTRACTS (PSCs):

Government of India has signed contracts for 28 discovered fields, 33 CBM blocks and 235 blocks for exploration and development to Private / JV & NOCs. Out of these, contracts for 185 exploration blocks, 30 CBM block & 26 discovered fields are under operation. DGH monitors the execution of management of these Production Sharing Contracts on behalf of GoI through Management Committees set up for each block / field. This involves in depth review of Annual Work Programme and Budget, Project Monitoring (especially with regard to time & cost overrun), calculation of Reserves and Production Profile, review and approval of Development Plan, etc.

Under the PSC Regime, an investment of about US $ 26,578 Million (Provisional) has already been made by companies on Exploration & Production till September, 2011. During 2010-11, fields/blocks under the PSC regime have produced 9.68 MMT of oil & gas 26.77 BCM of natural gas respectively, which is about 26.3 % and 51.6 % of country's total oil and gas production during 2010-11. During 2011-12, till November 11, these fields/blocks under the PSC regime have produced about 7.02 MMT of oil & gas 15.21 BCM of natural gas.

3) MONITORING OF THE PETROLEUM EXPLORATION LICENSES HELD BY NOCs – ON NOMINATION BASIS:

· During the year 2010-11, DGH reviewed the progress of exploration activities of 74 (63 ONGC + 11 OIL) Petroleum Exploration Licenses held by NOCs (ONGC and OIL) on Nomination basis, on a half yearly basis

vis-à-vis committed work programme. Different proposals received from NOCs and data has been examined during the period and recommendations have been submitted to MOPNG, on case to case basis, for extension of PEL period, transfer of PEL to PML and relinquishment of certain PEL areas, where ever required.

· During the year 2011-12, DGH reviewed the progress of exploration activities in the total 51 (40 ONGC + 11 OIL) Petroleum Exploration Licenses held by NOCs (ONGC and OIL) on Nomination basis, on a half yearly basis vis-à-vis committed work programme. Different proposals received from NOCs and data has been examined during the period and recommendations have been submitted to MOPNG, on case to case basis, for extension of PEL period, transfer of PEL to PML and relinquishment of certain PEL areas, where ever required.

4) MONITORING THE PRODUCTION PERFORMANCE OF NOCS

· Detailed production performance monitoring of all the producing fields of ONGC and OIL, (totaling more than 235 producing fields and 8300 active wells) has been initiated at DGH. Requirement of type of data from fields has been worked out and requested from NOCs.

· Interaction by DGH team with NOC's officials at Assets/fields has been carried out to gather the basic field data, both historical and on monthly basis. Based on the analysis of data received, half yearly reviews will be carried out with NOCs, and recommendations will be made to improve the production performance of the fields.

The above activities will be continued in 2012-13.

5) FIELD DEVELOPMENT, RESERVOIR AND PRODUCTION MONITORING of JV FIELDS

Reservoir group of DGH is monitoring the development activities of various fields under the Production Sharing Contracts such as D-6, MA, Mangala, Aishwariya, Rageshwari Saraswati, Panna-Mukta, Tapti, Ravva, Laksmi, Gauri, Kharsang, PY-3, PY-1, Asjol, Bakrol, Indrora, Lohar, Baola, Dholka, Hazira, NSA-Bheema and North Balol, etc.

The activities in exploration blocks with reference to reservoir review of discoveries, Declaration of Commerciality (DoC) and Field Development Plan (FDP) etc. are also carried out as mentioned below:-

2010-11:

· Review of annual Work Programme and Budget for all the Medium & Small sized fields of JVs and NELP blocks specific to reservoir studies, field development and reservoir management requirements to improve/ maintain production level from the field.

· Declarations of Commerciality (DoC) Reports for 17 discoveries were examined. Production Profiles were also reviewed for economic analysis.

· Field Development Plans (FDPs) of Miroli #1 & 6 discoveries, 4 Satellite discoveries in KG-DWN-98/3 block, Ingoli (revised) & Tarapur-6 were examined from Reservoir point of view.. Production Profiles were also reviewed for economic analysis.

· Development/infill drilling locations for the various fields/blocks viz. RJ-0N-90/1, D-1& D-3, KG-DWN-2003/ 1 (D#39 & D#41), SGL, PY-3, Ognaj, Mid Tapti, South Tapti, Lohar, Ravva, Dholasan, North Kathana, Allora, Kanwara, Kharsang, Hazira and Lakshmi were examined.

· Performance review and reserves report of Panna, Tapti, Mid & South Tapti, NSA-Bheema & Hazira were examined.

· Monitoring reservoir performance w.r.t. well-wise pressure-production-injection data. Reviewed monthly production reports of all the JV fields on production viz. North Balol, CB-OS-2, Panna, Mukta, Tapti, RJ-ON-6, Dholka, Wavel, N.Kathana, Dholasan, Allora, Kanawara, Lakshmi, Gauri, Hazira, Cambay, Bhandut, Sabarmati, Bakrol, Indrora, Lohar, Karjisan, D-1 & D-3 and MA fields.

· Production profiles have been generated for all the 34 blocks offered for bid under NELP-IX.

· Carried out analysis of Amguri field's retrograde gas condensate reservoir w.r.t dropout of condensate in reservoir & observed damage to the reservoir due to continued gas production below dew point

2011-12

· Review of annual work programme and budget for all the Medium & Small sized fields of JVs and NELP blocks specific to reservoir studies, field development and reservoir management requirements to improve/ maintain production level from the field.

· Declarations of Commerciality (DoC) Reports for 8 discoveries were examined. Production profiles were also reviewed for economic analysis for these fields.

· Development plans of West Patan#3, SE#1 and Ank#21 were examined. Production profiles were also reviewed for economic analysis.

· Development/infill drilling locations for the various fields/blocks viz. Panna, South Tapti, D-1&3, Ravva, SGL (RJ-ON/6), PY-1, PY-3, Lohar and Deen Dayal West were examined.

· Monitoring reservoir performance w.r.t. well-wise pressure-production-injection data. Reviewed monthly production reports of all the JV fields on production viz. North Balol, CB-OS-2, Panna, Mukta, Tapti, RJ-ON-6, Dholka, Wavel, N.Kathana, Dholasan, Allora, Kanawara, Lakshmi, Gauri, Hazira, Cambay, Bhandut, Sabarmati, Bakrol, Indrora, Lohar, Karjisan, D-1 & D-3 gas and MA.

2012-13:

· Review of annual work programme and budget of all the producing fields of JVs, specific to reservoir studies, field development and reservoir management requirements to improve/maintain production level from the field will be continued.

· Monitoring the development activities and reservoir management of various fields under Production Sharing Contracts will be continued.

· Review of proposals of development/exploratory locations, development/appraisal plans, DoCs and FDPs, Production performance, reserve position based on performance review etc. in different fields under PSC regime, as and when required.

6. COAL BED METHANE (CBM)

The Government of India, in order to harness the CBM potential in the country, formulated a CBM Policy in year 1997. The Directorate General of Hydrocarbons did commendable job to operationalise the CBM policy. The Policy has provided a level playing platform for exploration and commercial exploitation of CBM by national and international entrepreneurs.

In May 2001, for the first time in the country, CBM blocks were offered through international competitive bidding for exploration and production of CBM in the country. So far, Government has awarded 30 CBM blocks under four rounds of CBM bidiing to National, Private & Joint Venture Companies. In addition, 3 CBM blocks were awarded on Nomination basis earlier. The total CBM resources in the 33 awarded blocks covering an area of around 17,327 km2 are estimated to be 1810 BCM and expected peak production from these blocks is estimated at 38 MMSCMD. During the last 5 years, more than 202 Core Holes, 53 Test Wells and 111 Pilot wells and 119 Development wells have been drilled in the awarded blocks. Exploration activities have already been completed in three blocks which entered into Development Phase. So far, CBM Resources of about 8.92 TCF has been established in five CBM blocks.

The commercial production of CBM in the country has already commenced w.e.f. 14.07.2007. Current commercial CBM production from Raniganj (South) CBM block of GEECL is around 0.25 MMSCMD. In addition to this, incidentally produced CBM is also being sold in small quantities from Raniganj (East) and Jharia blocks to avoid wastage of gas through flaring.

7. NATIONAL GAS HYDRATE PROGRAMME (NGHP):

Steered by the Ministry of Petroleum & Natural Gas and technically coordinated by Directorate General of Hydrocarbons (DGH), NGHP is a Consortium of National E&P companies, namely ONGC, GAIL India Ltd & Oil India Ltd and National Research Institutions (National Institute of Oceanography, National Geophysical Research Institute and National Institute of Ocean Technology).

After establishing the presence of hydrate in the KG, Mahanadi & Andaman offshore deepwater areas of the Indian offshore and seeing the commercial nature of interest in the Exploration & Exploitation of Methane from Gas hydrates, the NGHP has adopted a strategy to concentrate on the KG deep water area of the Indian Offshore and to emphasize in the R&D of development of technology for the commercial exploitation of methane from hydrate. With this in mind the resource estimation of gas hydrates in the KG offshore is being taken up on priority.

8. NATIONAL DATA REPOSITORY (NDR)

NDR is meant for storing and maintaining hydrocarbon exploration and production data in a safe and reusable manner, in perpetuity and make them available for all the stakeholders. DGH has initiated the process of establishing National Data Repository (NDR). The proposal is under process.

9. SHALE GAS

During the year 2010-11 and 2011-12, DGH under MoP & NG has initiated steps to Identify prospective areas for Shale Gas exploration and acquisition of additional geo-scientific data. Formulation of Policy for Shale Gas exploration with Legislation changes and launch of First Shale Gas round.

10. BUDGET OUTLAY FOR DGH

Actual Expenditure for (FY 2010-11)	**RE Proposed (FY 2011-12)**	**Actual Incurred (upto Dec 2011)**	**BE Proposed (2012-13)**
₹ 5213.83 Lac	₹ 5822 Lac	₹ 2920.14 Lac	₹ 7539 Lac

Source of generation of funds for the budget is grants from OIDB.

19. CENTRE FOR HIGH TECHNOLOGY (CHT)

Centre for High Technology (CHT) was established by Ministry of Petroleum & Natural Gas (MOP&NG) in 1987 as a specialised agency of the oil industry to assess futuristic technology requirements for acquisition, development and adoption in the field of refinery processes, petroleum products, additives, storage and handling of crude oil, products and gas.

CHT acts as the Technical Wing of MOP&NG for implementation of scientific and technological programmes of Govt. of India. Major functions of CHT include assessment of technology requirement as also operational performance evaluation and improvement of the refineries. CHT acts as a focal point of oil industry for centralised technical assistance, knowledge dissemination, performance data base, exchange of information and experience. CHT also coordinates funding of research work in refining and marketing areas and pursue the programmes of "Scientific Advisory Committee on Hydrocarbons" of MOP&NG.

2.0 Major activities undertaken during 2010-11 and April-December 2011 are as under:

2.1 Integrated Refinery Business Improvement Program (IRBIP) Phase-I through M/s Shell Global Solutions International (Shell GSI)

Integrated Refinery Business Improvement Programme (IRBIP) Phase-I, covering data collection & reconciliation, site assessment and implementation of approved projects was successfully concluded at BPCL Kochi Refinery, IOC Mathura Refinery, CPCL and HPCL Visakh refinery. A cumulative net benefit of around US $ 50 milliondollars has been realised by the refineries. Inter-refinery teams of experts led by CHT successfully conducted 3rd Party Audit of projects implemented at all the four refineries and the salient features and other details have been documented in the form of a report.The IRBIP Phase-I was formally closed with Executive Committee (EXCOM) meeting in September, 2011.

2.2 Integrated Refinery Business Improvement Program (IRBIP) Phase-II

Under the IRBIP Phase-II programme, 3 more PSU Refineries viz. BPCL Mumbai, HPCL Mumbai and MRPL have been taken up. Site-Assessment by Shell GSI has been successfully completed at BPCL-Mumbai in Aug 2011 and at HPCL-Mumbai in Oct 2011. Site assessment at MRPL is in progress. The total duration of the Programme is 36 months which includes Assessment Phase and Implementation Phase (Implementation, Commissioning & Sustainability). Minimum expected benefit is US 25 cents/barrel.

2.3 Energy Efficiency Improvement Studies (EEIS)

CHT, in association with EIL, has regularly been carrying out in-depth Energy Efficiency Improvement Studies exercise at identified refineries. One such study is currently being carried out at Numaligarh Refinery Ltd. (NRL) with the objective to reduce fuel consumption and processing losses. Data collection & reconciliation has been completed and the whole exercise is expected to be concluded by end 2011-12. The potential areas for energy savings that have been identified include steam/power optimisation, crude pre-heat improvement, steam and DM water reduction, hydrogen management, flare gas recovery etc.

2.4 Joint Energy Audits (JEAs)

CHT has been regularly undertaking energy performance audits at PSU Refineries, to identify gaps for improvements through Joint Energy Audits. JEAis carried out through teams constituted by CHT with experts from the industry. The JEA provides for lateral exchange of rich operational experience gained over the years

at different refineries. The entire activity is centrally co-ordinated by CHT. CHT has been carrying out this mammoth exercise since 1991-92 at PSU refineries at regular intervals. The JEA-2011, third in series, was carried out at all PSU refineries. Implementation of recommendations will result in significant energy savings.

2.5 16th Refinery Technology Meet (RTM)

The 16th edition of Refinery Technology meet (RTM) was successfully organized by CHT in association with Indian Oil Corporation Ltd. (IOCL) from 17th to 19th February, 2011 at Kolkata. The theme of the Meet was **"World Energy Order - New Frontiers in Refining"**. The aim of the RTM was to bring together participants from public & private sector refineries, policy makers, consultants and technology providers from India and abroad and provide a platform for sharing, interacting and exchange of technical ideas among refinery operators, technology providers, researchers, etc. More than 450 delegates from India and abroad participated in the three day Meet. A total of 69 technical papers, including 22 papers from global leaders like, Shell, ExxonMobil, Chevron, UOP, Axens, BASF, DuPont, Albemarle, KBR, Jacobs, Stone & Webster, GTC, Solomon were presented during the Technical Sessions. Poster Sessions were organised on all the 3 days of the Meet which covered 64 technical papers.

The Jawaharlal Nehru Centenary awards for Energy Performance of Refineries for 2009-10 and Oil & Gas Conservation Fortnight (OGCF) Awards for 2010 were also given to winning refineries during the Inaugural Session of the RTM.

2.6 Workshop on "Transportation of Oil & Gas through Cross-country Pipelines"

A 2-day Pipeline Workshop was organized by CHT in association with Indian Oil Corporation Ltd. on 7th and 8th July, 2011 at Kovalam, Trivandrum. The theme of the Workshop was **"Advancements and Challenges for Cross-country Pipelines – the Hydrocarbon Transportation Highways".**The Workshop was a huge success and in all 131 delegates from the oil and gas industry from India, viz. IOCL, HPCL, BPCL, ONGC, OIL, GAIL, RIL including senior executives participated in the Workshop. The participants also included delegates from private companies like Jindal, NDT Germany & Dubai, Chemtrols and Global Instruments.The technical sessions covered 18 presentations on i) Laying of Pipelines ii) Operations and Optimisation iii) Integrity & Reliability and iv) pipeline case studies.

2.7 Scientific Advisory Committee (SAC)

CHT coordinates the activities of SAC on hydrocarbons of MOP&NG in identifying and funding of research projects for hydrocarbon sector. Two meetings of SAC were held during 2010-11 and the last (69th) SAC meeting was held in June, 2011 at Bangalore. Presentation on completed projects and on-going projects were made to SAC.

2.8 Jawaharlal Nehru Centenary awards for Energy Performance of Refineries for 2010-11

CHT has compiled and evaluated the energy performance of PSU including Private refineries, viz., Essar and Reliance, in terms of specific energy consumption (MBTU / BBL / NRGF) for distribution of 'Jawaharlal Nehru Centenary' Awards for 2010-11, instituted by MOP&NG. The Awards were approved in October 2011 by the Award Selection Committee constituted by MOP&NG.

2.9 Oil & Gas Conservation Fortnight (OGCF) Awards for 2011

In connection with the 21st Oil & Gas Conservation Fortnight (OGCF-2011), CHT organised 'Steam Leak' surveys at all the refineries, including RIL and Essar, in January 2011 to select awardees on the basis of their performance. CHT has compiled and evaluated the Survey data for consideration by the Award Selection Committee of MOP&NG, and the same have been approved by it in October 2011.

2.10 R&D Projects

The following R&D projects were completed :

Development of technologies for Synthetic Aviation Lubricants from renewable feed stocks jointly by IOC (R&D), IICT, NAL, GTRE and CEMILAC.

Synthesis of Room Temperature Ionic Liquids and to study their applications for extraction of sulphur, nitrogen and aromatic compounds from petroleum feedstock by IIP.

3.0 Budget Outlays

(Figures in ₹ Lakhs)

	2010-11			2011-12			2012-13
Particulars	**BE**	**RBE**	**Actual**	**BE**	**RBE**	**Actual Apr.-Dec. 2011**	**BE**
Revenue Expenditure	654.60	740.50	804.39	681.50	795.50	484.74	780.50
Capital Expenditure	7.00	8.00	5.49	7.00	40.00	15.42	16.00
Projects							
(a) R&D Projects *	269.99	548.35	304.14	130.18	535.02	92.47	1093.79
(b) Special Studies	-	300.00	-	200.00	370.00	114.30	230.00
Total	**931.59**	**1596.85**	**1114.02**	**1018.68**	**1740.52**	**706.93**	**2120.29**

*****Excluding R&D projects under Hydrogen Corpus Fund which is maintained by OIDB