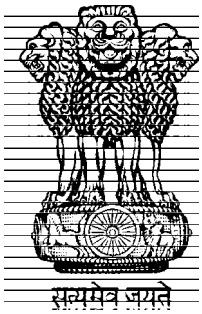
OUTCOME BUDGET

2011-12



GOVERNMENT OF INDIA

MINISTRY OF PETROLEUM & NATURAL GAS

OUTCOME BUDGET FOR 2011-12

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EXECUTIVE SUMMARY

The Outcome Budget document for 2011-12 contains, in detail, the physical as well as qualitative dimensions of financial outlays indicating the actual performance in 2009-10, performance in the first 9 months of 2010-11 and the targeted performance during 2011-12. It also dwells upon the mandate, goals & objectives, the policy framework for the sector as well as the various policy initiatives and reform measures taken by the Ministry.

2. The long term vision for the development of the hydrocarbon sector focuses on attaining energy security through increased indigenous production as well as acquisition of equity oil and gas abroad. In a deregulated exploration and production business environment, the Government is making all efforts to accelerate domestic exploration and production through its New Exploration Licensing Policy (NELP) initiative, under which seven rounds have already been completed. In Refining and Marketing sectors, the endeavour of the Government is not only to achieve self-sufficiency in the production in all petroleum products but also to develop export capability so that the refining industry becomes globally competitive.

3. The Non Plan Budget of the Ministry for 2011-12 is Rs. 16676.20 crore, which comprises mainly: Subsidy for domestic LPG and PDS kerosene; Freight subsidy on retail products for far flung areas; and Subsidy for the supply of natural gas to the North Eastern Region. The Plan Budget comprises the Internal and Extra Budgetary Resources (I&EBR) of the various Oil PSUs for their capital expenditure. The Annual Plan Outlay for 2011-12 in respect of Oil PSUs is proposed at Rs. 74811.82 crore comprising Rs.48292.84 crore for upstream activities; Rs.24883.54 crore for Refining and Marketing activities; Rs.1567.44 for Petrochemicals and Rs. 68 crore for Engineering activities. Gross Budgetary Support (Plan) amounting to Rs. 40 crore has been provided in 2011-12 to meet (i) the initial capital expenditure for setting up of Rajiv Gandhi Institute of Petroleum Technology in Uttar Pradesh; and (ii) for the Plan Scheme formulated for providing one time assistance of Rs. 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 during the remaining period of ongoing Eleventh Five Year Plan.

4. The major policy initiative taken by the Ministry towards enhancing oil & gas security of the country is to facilitate increase in domestic oil and gas production under NELP. The Government has signed 235 Production Sharing Contracts (PSCs) under NELP. The committed investment in the first eight rounds of NELP is about US$ 11.1 billion. Similarly, under the Coal Bed Methane Policy (CBM), 26 blocks have been awarded under the first three rounds. The Government has also decided to set up 5 MMT strategic crude oil storage facilities in the initial phase at three locations in the country.

5. The domestic refining capacity in the country is 184.386 MMT, out of which 113.886 MMT is in the public sector and the balance 70.50 MMT is in the private sector. The country also not only self sufficient in refining capacity for its domestic consumption but also exports petroleum products sub-

stantially. The refineries are now producing cleaner fuels in line with the norms outlined under the Auto Fuel Policy. Government is also promoting the use of ethanol blended petrol and bio-diesel throughout the country. The Ministry is encouraging energy conservation measures through campaigns aimed at sensitizing people on the efficient use of energy under the aegis of Petroleum Conservation & Research Association (PCRA).

6. The Petroleum & Natural Gas Regulatory Board (PNGRB) Act, 2006, notified by the Government on 3.4.2006 provides for the setting up of a Petroleum and Natural Gas Regulatory Board. The Act, inter-alia provides for a legal framework for downstream sector regulations, as also for development of natural gas pipelines and city/local gas distribution network. The Petroleum and Natural Gas Regulatory Board has been established vide Notification No. 459(E) dated 25.6.2007. A Chairman and 4 Members joined in June, 2007. The Government has brought into force the provisions of the PNGRB Act (except Section 16 thereof) with effect from 1.10.2007.

7. There are currently _____ major projects costing Rs.100 crore and above at different stages of implementation by the Oil Companies. Completion of these projects will help intensify exploration and production activities, increase refining and petrochemical capacity and augment the pipeline network in the country.

8. There are nine Public Sector Undertakings in which government has equity shareholding. These are ONGC, OIL, GAIL, IOC, HPCL, BPCL, EIL, Biecco Lawrie and Balmer Lawrie Holding Ltd. These are commercial organisations engaged in various activities, such as, exploration and production of oil, transportation of gas, refining and marketing of petroleum products, etc. There are autonomous organizations namely, CHT, OISD, PCRA, OIDB and DGH which have been entrusted with the responsibility to perform some specific functions and are funded through Grants from crude oil cess. The Profit Before Tax (PBT) and Profit After Tax (PAT) earned by the Public Sector Undertakings in the Oil Sector during 2009-10 were Rs. 59610.49 crore and Rs. 40169.81 crore respectively.

9. The Oil PSUs have taken up various Gender Budgeting initiatives as well as Corporate Social Responsibility projects in their operating/ project areas. They have undertaken various developmental measures, such as, training and capacity building of its women employees as well as social and community development programmes benefiting women and weaker sections of the society.

10. Monitoring Mechanism and Public Information System

Majority of Oil PSUs under the administrative control of the Ministry are either Navratna or Mini- Ratna companies. The monitoring of projects and other activities of these PSUs is done by the Ministry by way of setting MoU targets and conducting Quarterly Performance Review (QPR) of individual Oil PSUs at the level of Secretary. Major projects of Oil PSUs are monitored by the Ministry Monitoring Cell (MMC) which has been functioning since 1981.

a) Performance Monitoring through MOUs

The MoU targets of the Oil PSUs are negotiated and finalized in the Task Force Committees comprising experts as well as representatives of Department of Public Enterprises, Ministry of Petroleum & Natural Gas and Oil companies. During the meetings, emphasis is laid on fixing aggressive targets, which are higher than the previous year's achievements. Once the targets are finalized, the MoUs are signed between the Oil PSUs and the Ministry by 31st March every year.

b) Quarterly Performance Review Meetings

QPR meetings are held under the chairmanship of Secretary for each of the Oil PSU to review the progress and achievements in relation to MoU targets as well as other relevant parameters. The reasons for shortfall, if any, are analyzed and companies are advised to take immediate remedial action.

c) Monitoring of major projects by Ministry Monitoring Cell

The Ministry Monitoring Cell (MMC) independently monitors major projects covering all aspects from process design/basic engineering onward 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.

d) Public Information System

As part of the public information system, a Facilitation Centre of the Ministry is functioning for the dissemination of information relating to important activities, policies etc. of the Ministry. A website (www.petroleum.nic.in) has been hosted by the Ministry and the same is updated from time to time. It contains important information like policy guidelines, press releases on current issues, citizens charter, investment opportunities, international cooperation, petroleum statistics, control orders issued from time to time, etc.

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 45% 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 X Plan period (2002-07), the growth in consumption of petroleum products was around 4% per annum. 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 2009-10 was 138.9 MMT and during 2010-11 **(Upto December, 2010) was 105.27 MMT.**

Natural Gas is fast emerging as an alternative to liquid hydrocarbon. Natural Gas presently meets around 9% 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 the customer service.

e) To ensure oil security for the country keeping in views 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 2010-11 upto December 2010 amounted to 134.17 million metric tonnes (MMT), worth about Rs. 3,54,731 crore. The country also exported petroleum products amounting to 41.64 MMT, earning foreign exchange worth nearly Rs. 1,25,590 crore in the corresponding period.

The gap between demand and availability of crude oil from indigenous sources is likely to increase over the years. In case of gas, this gap has come down with production of gas from KG basin. 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) During XI plan period, 80% of Sedimentary basin area has been envisaged to be brought under exploration. 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. The area offered in ninth round of NELP is about 88,807 sq.km.

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.

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:

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 (2011-12) of Rs. 16676.20 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 Rs. 13000 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 2011-12, an amount of Rs 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 Rs.26 crore has been kept under this scheme during 2011-12.

3. The price of natural gas in the North East Region has been pegged at Rs. 4091 per MSCM i.e. 60% of the price existing elsewhere in the country. The difference between the producer price and the consumer price of natural gas in the North East Region from the year 2006-07 is being borne from the Government budget. Under the scheme natural gas to consumers in the North East Region would be provided at the concessional price of Rs. 4091/mscm as compared to 6818/mscm for rest of the country. Non Plan Outlay of Rs. 564 crore has been kept under this scheme during 2011-12.

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 2011-12, as approved by the Planning Commission, is Rs. ——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 2011-12, a sum of Rs. — crore has been allocated as Plan Support to meet the initial expenditure towards setting up the Rajiv Gandhi Institute of Petroleum Technology (RGIPT), at Jais, Rae Bareilly and Rs — ——crore has been provided for the Plan Scheme formulated for providing one time assistance of Rs. 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 during the remaining period of ongoing Eleventh Five Year Plan.

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 2011-12 are enumerated below:

(i) ONGC & its subsidiaries:

ONGC's Annual Plan outlay for 2011-12 stands at Rs.30040.02 crore. The major part of ONGC's Annual Plan for 2011-12 is on account of exploration, survey and development drilling. Capital Expenditure budget has also been sought by ONGC during 2011-12 for capital projects, purchases, R&D, JV Domestic and Integration Projects, etc. The Annual Plan Outlay for 2011-12 in respect of OVL is Rs. 8686.93 crore. The BE 2011-12 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 2011-12, the Annual Plan outlay of MRPL is Rs. 5164 crore. Provision has been made in Annual Plan for Refinery Upgradation-cum-Expansion Phase-III, SPM facility at Managlore coast, Revamping of CDU/VDU.

(ii) OIL

The Annual Plan outlay of OIL is Rs.3180 crore for 2011-12, which is mainly on account of proposed expenditure **on survey & geological, exploratory drilling, development drilling, capital equipment and facilities, NELP projects, Revival of production from Khagorijan oilfield in Assam, overseas ventures, etc.**

(iii) GAIL

The Annual Plan outlay of GAIL is Rs. 5150 crore for 2011-12. Major project proposal of GAIL as proposed for BE 2011-12 include New Pipelines – Project Development, Dahej-Vijaipur Phase-II Pipeline Project, Bawana-Nangal Pipeline Project, Kochi-Kanjrikod-Bangalore/Mangalore Pipeline, Jhajjar-Hissar Pipeline Project, Dabhol-Bangaluru Pipeline Project, RGPPL, exploration & production, equity participation in JVs.

(iv) IOC and its subsidiaries

The Annual Plan outlay of IOC for 2011-12 is Rs.14500 crore, which includes proposed expenditure in Paradip Refinery Project, Paradip-Sambalpur-Raipur-Ranchi Pipeline, Naptha Cracker Unit at Panipat refinery, Resdue 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 2011-12 stands at Rs.1053.92 crore. The Annual Plan for 2011-12 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 2011-12 is of Rs.4003 crore. HPCL's capital expenditure

programme during 2011-12 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, investmen in HPCL Bio-fuel and HPCL-Mittal Energy, etc.

(vi) BPCL

The total Annual Plan outlay for 2011-12 in respect of BPCL is Rs.2865.15 crore. This includes projects such as Exploration & Production, Vapacity-cum-modernzation Project Phase-II, Pipeline from Mumbai Refinery to Uran, Investment in Gas Pipelines, etc. The capital expenditure of Rs. 100.47 crore of NRL during 2011-12 would include investment in Siliguri Marketing Terminal, Diesel Quality Upgradation 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, 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 Rs.695.58 crore, out of which Rs.435 crore would be on account of Capital expenditure. Budgetary support of Rs.285 crore has been approved during XI Plan. Gross Budgetary Support of Rs.170 crore has been approved for the year 2011-12.

Scheme on LPG connection to BPL families

A Plan Scheme has been formulated for providing one time assistance of Rs. 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 during the remaining period of ongoing Eleventh Five Year Plan. Rs 245 crore has been provided for the purpose.

Annexure II-A
(Non-Plan)
Rs. in Crore

MINISTRY OF PETROLEUM & NATURAL GAS
OUTCOME BUDGET 2011-12 (NON PLAN)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Out lay 2011-12 (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	Till the prices of domestic LPG and PDS Kerosene at different locations are market driven this freight subsidy for far flung areas may have to continue	Any increase in transportation cost increases the freight subsidy burden on the Oil PSUs.

Annexure II-A
(Non-Plan)
Rs. in Crore

MINISTRY OF PETROLEUM & NATURAL GAS
OUTCOME BUDGET 2011-12 (NON PLAN)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Out lay 2011-12 (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.	564.00	To make available about 4 MMSCMD of Natural gas to the customer in the North East region at a concessional price of Rs.4091/ MMSCM as compared to Rs.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 year 2009-10.	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.	14.00	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)
Rs. in Crore

MINISTRY OF PETROLEUM & NATURAL GAS
OUTCOME BUDGET 2011-12 (NON PLAN)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Out lay 2011-12 (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.	1.60	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.

OIL AND NATURAL GAS CORPORATION (ONGC)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complimentary Extra-Budgetary Res-ources				
1	Seismic Survey	Mapping of drillable prospects for hydrocarbon exploration & exploitation		1863.53		i) 2D LKM 4504 ii) 3D SKM 10479	Mapping of drillable prospects for hydrocarbon exploration & exploitation.	March '12	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 Hydrocarbon reserves for future production and energy security.		9300.58		No. of Exploratory wells 158	Block appraisal for hydrocarbon presence. Incremental Ultimate reserve accretion (UR) 76.17 MMTOE	March '12	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.

OIL AND NATURAL GAS CORPORATION (ONGC)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
3	R&D/Institutes	Applications based research to assist in exploration and production to ehance accretion of Hydrocarbon reserves		368.55		Achievement of milestones in R&D Projects	Effective results from exploration activities and optimised production.	March '12	Results are probablistic in nature, as with any R&D activities.
						Incremental reserve accretion (in MMTOE) (Ultimate Reserves) 78.50	Accretion of Hydrocarbon for future production activities and for the sustained growth of the corporation.	March '12	Reserve accretion is dependent on success in hydrocarbon ventures by exploratory efforts.
4	Development Drilling	Production of hydrocarbons		4854.93		No. of Develop-ment wells : 272 No. of CBM wells : 38	Increase in Oil and Gas production and maintaining the reservoir health through drilling of new produc-ers & injectors.	March '12	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.

OIL AND NATURAL GAS CORPORATION (ONGC)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
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.		10980.78 #		Crude oil production (in MMT) * 24.774 Natural gas production (In BCM)* 23.54	Providing energy security to the nation equiva-lent to hydrocar-bon production and generating revenue for the corporation.	March '12	Production can be affected by damage to production facilitites due to natural calamities, marine perils or by other means.
						Value Added Products (KT) 3358	Production of LPG, NGL,HSD, Naptha, SKO, ARN, C2-C3, ATF etc. for domestic & industrial use & providing inputs / feed-stock material for other indus-tries in India.	March '12	Production can be affected by damage to production facilitites by natural calamities or by other means.

OIL AND NATURAL GAS CORPORATION (ONGC)

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complimentary Extra-Budgetary Resources				
6	Joint Ventures	Joint Ventures Domestic		1431.64		Oil production 3.407 MMT and Gas Production 2.049 BCM (ONGC Share)	Participant/ operator with other entities for exploration and production from acreages/ blocks.	March '12	Production inputs are subject to operator getting award of acreages/blocks and subsequent approvals and their implementation.
7	Integration	Downstream Integration		1240.01		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 '12	Apart from exploration risk, subject to regulatory and statutory clearances and finalisation of policy related to SEZ, and environment clearances etc.
	Total			**30040.02**					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.

OUTCOME BUDGET 2011-12 (PLAN)

ONGC VIDESH LIMITED (OVL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Financial Outlay BE 2011-12			Physical outputs/ Quantifiablel Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources				
1	Exploration and Production	Increment in Oil & Gas reserves and in the annual Oil & Gas Production	8,761.07	336.32		1. I.2DLKM - 2,362 II.3D SKM – 1,736.03	Mapping of drillable pros-pects for hydrocarbon exploration and exploitation	2011-12	Achievement of survey targets depends on environmental factors and availability of survey parties / ships.
				900.50		2. 39 number Exploratory wells	Increment in Oil & Gas reserves	2011-12	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 & Geo-physical studies. Development wells may change due to changes in development plan.
				1,354.31		3. 416 number of Development wells	Higher Produc-tion	2011-12	
						4. Crude oil production 6.365 MMTPA		2011-12	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
				6,095.80		5. Natural gas production 2.098 BCM	Equity Oil /Gas revenues from sale in interna-tional markets	2011-12	
						6. Incremental reserve accretion (in MMTOE) (Ultimate Reserves)			
				8,686.93					

Annexure II-B

(Plan)

OIL INDIA LIMITED (OIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay 2011-12 (Rs. Crore)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
1	Seismic survey	To generate drilling locations in OIL's operational areas which would lead to reserve accretion.	314.33	Seismic Survey 2D GLKM: 2,090 3D SQKM: 1,767	To generate drilling locations in OIL's opera-tional areas / NELP Blocks leading to reserve accre-tion.	31.03.2012	Seismic Survey is dependent on statutory environmental / forest clearance and harmoni-ous operational environ-ment / other PSC compliance issues / timely approval of budgets by partners i.e. OC/MC.
2	Exploration drilling	Addition to in In-Place Reserve Accretion.	1068.98	Exploratory Wells: 20 nos. wells - 67984 mtrs in Assam & AP and RP; 13 nos. wells - 33916 mtrs in NELP blocks (OIL as opera-tor)	Addition of 22 to 24.90 MMTOE of In-Place Reserve Accretion and to 8.15 MMTOE of Recoverable-Reserve in 2011-12.	31.03.2012	Numbers of wells drilled is dependent on timely availability of drilling locations, availability of 10 nos. in-house drilling rigs, 1 nos. work-over rigs, 5 nos. charter hire rigs, availability of 2 Nos. of Man management crews throughout the year.

Annexure II-B

(Plan)

OIL INDIA LIMITED (OIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay 2011-12 (Rs. Crore)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
3	Development drilling	Enhanced crude oil production	502.81	Development wells : 34 nos. - 92600 Mtrs in Assam, AP & RP	Enhanced crude oil production of 3.76 MMT in 2011-12.	31.03.2012	--
4	Capital equip-ment and facilities	For smooth operation and enhanced activities for explora-tion and produc-tion	484.06	To procure Capital equip-ment and create other associated facilities.	The acquisition of capital equipment and associated facilities would facilitate opera-tional activities relating to survey, drilling and production	31.03.2012	Progress of the project will depend upon the timely supply of equip-ment by the vendors.
5	**Overseas Projects:**						
i)	LibyaArea86 / Block102/4	To generate drilling locations and reserve accretion.	9.45	Exploratory well : 1 no. Drilling Meterage :3000	To generate drilling locations and reserve accretion. Quantum of reserve accre-tion cannot be ascertained at present in view of exploratory nature of drilling.	31.03.2012	Progress of the project will depend upon the outcome of exploratory drilling.

Annexure II-B

(Plan)

OIL INDIA LIMITED (OIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay 2011-12 (Rs. Crore)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
ii)	Gabon	To generate drilling locations and reserve accretion.	54.29	G&G activities in the block	To generate drilling locations and reserve accretion. Quantum of reserve accre-tion cannot be ascertained at present.	31.03.2012	Progress of the project will depend upon the outcome of exploratory drilling.
iii)	Nigeria	Outcomes in terms of reserve accretion	13.82	OIL's share in Survey & Drilling expenses.	Outcomes cannot be ascertained at present in view of exploratory nature of the project.	31.03.2012	Progress of the project will depend upon the outcome of exploratory drilling.
iv)	Yemen, Egypt & Other E&P projects	Out-comes in terms of reserve accretion	66.90	Provisions for overseas E&P project.	Outcomes in terms of reserve accretion, which however cannot be ascertained at present in view of explor-atory nature of drilling / G&G activities.	31.03.2012	Progress of the project will depend upon the outcome of exploratory inputs expended.

Annexure II-B

(Plan)

OIL INDIA LIMITED (OIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay 2011-12 (Rs. Crore)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
6	Other projects / investments	Rajasthan Heavy Oil project, Gas Cracker project, Diversification to Downstream sector & acquisition of overseas producing properties etc.	665.68	Provisions for other projects / investments and for acquisition of overseas producing properties.	Contribution to crude oil production, revenue genera-tion etc. which cannot be quantified at this point of time.	31.03.2012	Commercial viability of Heavy Oil project, realization of gas price for Gas Cracker project, Vizag refinery and provision for other new overseas ventures.
	Total		3180.33				

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
1	Dahej -Vijaipur Pipeline Project (DVPL Ph-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.		199.74		48" X 610 Kms P/L	Ongoing Project	Apr-11	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply 4. Technology (HDD and Hydro Test) failure

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
2	Vijaipur-Dadri P/L	With additional R L N G supplied from PLL, LNG T e r m i n a l, Dahej and other sources like Reliance gas, the c a p a c i t y Upgradation of the GREP pipeline will fulfill the a d d i t i o n a l demand to the c u s t o m e r s e n - r o u t e existing GREP Pipeline and gas supply to new customer of Dadri-B a w a n a - Nangal P/L and Chainsa-Jajjar-Hissar P/L in N o r t h e r n region.		2.00		48" X 505 Kms P/L from Vijaipur to Dadri	Ongoing Project	4/1/2010 (Antici-pated Comple-tion Dec-2010)	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply 4. Technology (HDD and Hydro Test) failure

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
3	Chainsa-Jhajjar-Bamnoli P/L	To supply Natural Gas from various sources to Bamnoli power plant and consumers in Haryana , Rajasthan.		36.87		Laying of 16", 36" X 94 Kms of Pipeline	Ongoing Project	Completed on 25.03.2010	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply 4. Technology (HDD and Hydro Test) failure
4	Chainsa-Jhajjar-Spurline (Sultanpur-Neemrana)	The project will meet the gas demand of consumers in the state of Haryana & Rajasthan at various locations viz. Chopanki, Bhiwadi, Dharuhera, Khushkhera, Neemrana , Gurgaon,Khandsa, Manesar, & Gurgaon .		8.44		Laying of 8", 10",12",18" X 212 Kms of Spurline	Ongoing Project	Comple-tion Schedule Jan -2011	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply 4. Technology (HDD and Hydro Test) failure

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
5	Jhajjar-Hissar P/L	To supply Natural Gas / R-LNG to the consumers in the state of Haryana and will cater to its sub urban areas - Jhajjar and Hissar. Feed to this pipeline will be made through Chainsa-Jhajjar P/L which is connected to Vijaipur-Dadri P/L at Chainsa near Faridabad.		5.00		Laying of 16", 36" X 94 Kms of Pipeline	Ongoing Project	Comple-tion Schedule 31.10.2010 Anticipated Jun-2012	Project underhold

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
6	Dadri-Bhawana P/L	Mainly to supply the natural gas to M/s PPCL-Bawana power plant to meet the power requirement of NCR due to forthcoming Commonwealth Games 2010		--		Laying of 20", 36" X 95 Kms of Pipeline	Ongoing Project	Mechani-cally Completed	
7	Bhawana-Nangal P/L	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.		204.45		Laying of 36", 30" 18",12" X 525 Kms of Pipeline	Ongoing Project	Comple-tion Schedule 31.03.2011	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
8	Compressor Station - Jhabua-Ph-1 & Ph-11	Compressor station at Jhabua is required to cater to 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 pipeline system.		43.00		Installation of GT driven Compressor station at Jhabua	Ongoing Project	Comple-tion Schedule 30.04.2011	1. Delivery of major equipments 2.Overdimension consignment (ODC) item transportation

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complimentary Extra-Budgetary Res-ources				
9	Compressor Station - Vijaipur-Ph-1 & Ph-11	Compressor station at Vijaipur is required to cater gas demand at desired pressure to various customers in route of Dadri-Bawana-Nangal and Chainsa Jhajjar Hissar Pipeline systems and upgrade the capacity of GREP P/L system.		89.00		Installation of GT driven Compressor station at Vijaipur	Ongoing Project	Comple-tion Schedule 30.04.2011	1. Delivery of major equipments 2.Overdimension consignment (ODC) item transportation

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
10	Compressor Station -Kalaras Ph-I & II	Compressor station at Kailaras 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.		156.76		Installation of GT driven Compressor station at Kailaras	Ongoing Project	Comple-tion Schedule 30.04.2011 Anticipated 31.08.2011	1. Delivery of major equipments 2.Overdimension consignment (ODC) item transportation

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
11	Compressor Station - Chainsa	Compressor station at 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.		156.50		Installation of GT driven Compressor station at Chainsa	Ongoing Project	Comple-tion Schedule 30.04.2011 Anticipated 31.08.2011	1. Delivery of major equipments 2.Overdimension consignment (ODC) item transportation

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
12	Dabhol-Banglore P/L	To Supply Natural gas from various sources to the customer in Maharastra, Goa, Karnataka		1,500.00		Ph-I Main line : Dabhol - Gokak (30" X 260 Km) Spur lines / Feeder lines : (18" X 142 Km) Main line Gokak - Bangalore (30" X 470 Km) Spur lines/Feeder lines : (18" X 100 Km)Phase-IISpur lines/ Feeder lines : (10" X 118 Km and 8" X 299 Km)	Ongoing Project	Comple-tion Schedule Ph-1 31.03.2012 Ph-II 31.12.2012	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply 4. Technology (HDD and Hydro Test) failure

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
13	Kochi-Kanjrikod-Banglore/ Manglore P/L	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.		400.00		Ph-I-Kanjirkkod - Mangalore and Kanjirkkod - Palghat section (24"/8" X 528 Km)Palghat - Bangalore section (24" / 12"/ 8" X 490 Km	Ongoing Project	Comple-tion Schedule Ph-1 31.03.2012 Ph-II 31.12.2012	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply 4. Technology (HDD and Hydro Test) failure

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
14	Jagdishpur-Haldia Pipeline	For providing connectivity from RIL' Kakinada-Haldia pipeline for distribution of Natural gas to consumers in the states of West Bengal, Jhajrkhand, Bihar & UP.		5.00		Phase-I Main line : Haldia-Jagdishpur (36" X 800 Km)Spur lines/Feeder lines :12"/18"/ 24" X 610 Km Spur lines/ Feeder lines :12"/18"/24" X 450 Km	Ongoing Project	Comple-tion Schedule Ph-1 31.03.2012 Ph-II 31.01.2013	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply 4. Technology (HDD and Hydro Test) failure
15	Capacity Augmentation of Agra-Firozabad Region	Capacity augmentation and providing gas connectivity to new consumers in the Agra-Ferozabad region		6.87		Capacity augmentation: Bajera -Agra (10" X 54 Km)Capacity augmentation: Existing Agra CGS and Firozabad CGSCapacity augmentation : Firozabad CGS-SV5 (10 x 11.5 Km)Metering skids for 32 new consumers.	Ongoing Project	Comple-tion Schedule 31.01.2011	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply 4. Technology (HDD and Hydro Test) failure

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complimentary Extra-Budgetary Resources				
16	Karanpur-Moradabad-Kashipur - Rudrapur Pipe line	For providing gas connectivity to consumers in the regions of Moradabad, Rudrapur, Kashipur, Pant Nagar.		61.86		Phase-I Karanpur-Moradabad (12" X 54 Km)Moradabad TOP – Kashipur CGS (12" x 47 Km)Kashipur CGS- IGL spur line (12" X 4 Km)Phase-IIIGL Spur line TOP-Pant nagar CGS	Ongoing Project	Completion Schedule 31.01.2011	1. Land acquisition 2. Right of Use(ROU) 3. Major equipment supply 4. Technology (HDD and Hydro Test) failure
17	Creation Of Inventary	Alternative forms of gas/ energy transportation, environment friendly product/ processes		11.18		Preparation of Detailed Feasibility Reports	Ongoing Project	Ongoing Project	
18	Exploration & Production	Crude oil and natural gas will be produced from the blocks in case of commercial discoveries.		445.39		The activities in these blocks are carried out by the respective Operator. GAIL is a joint Operator in one onland block in Rajasthan and Operator in one onland block in Cauvery basin. The other Operators are ONGC, GSPC	Ongoing Project	The blocks are in various phases of exploration, appraisal, development and production. Hydrocarbon discoveries have been made in 8 blocks and crude oil	1. Availability of rigs and services 2. Dry well 3. Geological risks

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
18	Exploration & Production	Crude oil and natural gas will be produced from the blocks in case of commercial discoveries.		445.39		The activities in these blocks are carried out by the respective Operator. GAIL is a joint Operator in one onland block in Rajasthan and Operator in one onland block in Cauvery basin. The other Operators are ONGC, GSPC, Hardy, Petrogas, JOGPL, Eni, Daewoo.	Ongoing Project	The blocks are in various phases of exploration, appraisal, development and production. Hydrocarbon discoveries have been made in 8 blocks and crude oil production is in progress from one onland block.	1. Availability of rigs and services 2. Dry well 3. Geological risks
19	Wind Energy Project/ Solar Energy project	Power Plant to be set up in Gujrat. MP is also being actively considered		150.00		Selection of the Project Developer, Identification of places where wind project will be implemented	15 MW Wind Energy Power Plant in state of Gujrat	Implementation commences in 2011	DFR and Project Appraisal reports have been submitted

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
20	Equity Investments In Project Blue Sky (Jv -GGL, CUGL, MNGL, BGL, AGL, TNGCL, Rajsthan, Vododara & CNG Dispensing Facility	Supply of Piped natural gas(PNG) and Compressed Natural Gas(CNG) ; Reduction of pollution levels		150.00		Equity Investments in Different cities	Ongoing Project	Equity Investments (Payments are linked with demand from GAIL Gas)	--
21	RGPPL	Equity Contribution from GAIL-Terminal Capcity 5MMTPA For power generation 2160MW Power Generation Gas for Merchant sale.		103.00		5MMTPA RLNG terminal at Dabhol	5 MMTPA RLNG for 2160 MW power generation and gas for merchant sale	Equity Investments (Payments are linked with demand from RGPPL)	Power tariff awaited.

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complimentary Extra-Budgetary Res-ources				
22	Investment on OPEL	Acquisition of equity in JV Companies		50.00		GAIL has taken equity participation in China Gas. Through this strategic investment GAIL is pursuing CNG, E&P, Petrochemical opportunites in China. Acquisition of equity in JV companies	Ongoing Project	Equity Investments (Payments are linked with investment Decision)	--
23	Waste Heat Recovery-Vijaipur, Hazira Jhabua etc	To utilize the waste heat of the Gas turbine exhaust for producing steam and electricity .		19.00		Energy conservation through Waste heat recovery plant at pipeline compressor stations	Electrical power/ steam generation for sale / captive use	Ongoing Project	--
24	Business Development Others	Pre project activities including DFR		6.62		Pre project activities including DFR	Ongoing Project	Ongoing Project	--

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complimentary Extra-Budgetary Res-ources				
25	South East Asia Gas Pipeline	Equity IRR of 15.5% post Myanmar Tax, exposure of participation in international pipeline projects		181.26		The project consist of constructing an onshore pipeline of 870 Kms, diameter 40".	The originating point shall be Ramree Island in Myanmar and the terminating point shall be Myanmar-China border.	Implementation in progress	--
26	Bawana-Nangal Spurlines	To cater the demand of industrial consumers in Uttar Pradesh, Haryana & Punjab States, This pipeline will contribute in industrial development & maintaining clean environment in these States		200.00		Laying of 36" X 150 Km, 30"x145 Km, 24"x123 Km, 18"x83 Km P/L from Bawana (TOP) to Nangal	Project Overall Progress: 70.1 % Pre-project Activities: Completed Tendering / Ordering: Completed Laying: Under progress (about 99 kms welded & lowered).	Anticipated Completion: April 2011	1. Stiff resistance from farmers / land owners for acquiring ROU & Land, who are demanding exorbitant compensation, which may lead to additional expenditure of Rs. 223 Crs. 2. No cost overrun anticipated in this project

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complimentary Extra-Budgetary Res-ources				
27	Vijaypur-Kota Spurlines	Natural Gas is an environment friendly gas and is used to substitute Naphtha and other fuels. It is non toxic and lighter than air.		200.00		Anticipated Completion: July 2011	Laying of 18" X 110 KM , 16''X 140 & 12''X 37 KM TOTAL 290 KM	Project Overall Progress: 21.2 % Pre-project Activities: Detailed route survey completed. 37 out of 156 obstacle crossing permissions received. Tendering / Ordering: All major long lead items ordered (Line pipe, ball valve etc. Laying: Award expected by Nov'10. Laying anticipated to start in Dec 2010.	NIL

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
28	Regional & Other Small Pipelines	Pipelines for Supply of Natural Gas to consumers		140.20		Creation of Pipeline infrastructure for customer connectivity	Increased gas flow for sale and transportation	Case to case basis	--
B	**Petrochemicals**								
29	Assam Gas Cracker	Economic growth of North East Region by increase in capacity of polymer by 2,80,000 tpa		260.00		220 KTA LLDPE/ HDPE plant & 60KTA Polypropylene capacity Petrochemical plant	Production of 280 KTA polymer for sale and economical development of NE	Payments are linked with demand from BCPL	1. Technology risks 2. Hydro test failure risks 3. Overdimension consignent (ODC) transportation risks in North-East 4. Local factors.
30	Coal Gasification Project	Alternative feed stock for production of Fertilizer		20.00		The integrated SCG and fertiliser Plant at Talchar , Orissa.	Production of 3500 TPD of Urea and 1000 TPD of ammonium nitrate	After estabilishing the techno-economical vaibility of project	--
31	DFR/PFR Studies of Petrochemicall Plants and PE Compounding facilities etc	Feasibility study for new gas processing plants		42.44		Feasibility study for new gas processing plants	Basis for Invstment decision	Case to case basis	--

GAIL INDIA LIMITED (GAIL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-2012			Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget (Rs. Crore)	Complim entary Extra-Budget ary Res-ources				
32	Capacity Augmentation of Pata upto 800KTA	Expansion of existing facilities at Pata		300.00		GCU of 450KTA capacity LLDPE/HDPE swing plant of 400KTA capacity with required GPU modifications	Setting up of a PetroChemical Plant consisting of GPU at Vijaypur, GCU, LLDPE/HDPE swing plants	Implementation Under Progress	--
A+B	**Total Capital Expenditure - Plan**			**5,150.00**					

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
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 through utilizing full value chain of hydrocarbons and improving the economic viability of the project.	9000.00	Grassroots Refinery of 15 MMTPA.	During 2011-12 : NIL	Commissioning Schedule: AVU (First Unit)- March 2012 Alkylation (Last Unit) - July 2012 Integrated Stabilized Operation: November 2012.	Risk Factors w.r.t completion of the project 1) Construction of South Jetty by Paradip Port Trust - clerance from Ministry of Shipping and Transport (MoST) yet awaited.

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
2	Panipat Refinery Additional Expansion Project (PRAEP) - 12 to 15 MMTPA	Low cost Capacity expansion from 12 to 15 MMTPA & to produce BS-III / IV quality HSD	135.00	Capacity expansion by 3 MMTPA & to produce BS- III / IV quality HSD	3 MMT additional crude processing	•Quality upgradation part commissioned in Dec'09•Panipat Refinery Expansion to 15 MMTPA completed on 1st November 2010	
3	Improvement of diesel quality & distillate yield (Hydrocracker) project at Haldia Refinery	To improve the quality of HSD to conform to Euro-III/IV equivalent norm. Improvement of distillate yield & increase in crude processing capacity by 1.5 MMTPA of Haldia Refinery.	155.00	Euro-III/ IV diesel quality 2690 TMTPA, improvement in distillate yield by 3.3% and increased crude refining capacity by 1.5 MMTPA.	1.5 MMT additional crude processing	Project commissioned•Hydrocracker commissioned in February 2010•Expansion part through revamp of CDU-II commissioned in January 2010	

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
4	Residue Upgradtion at Gujarat Refinery	Improvement in distillate yield, quality upgradation of MS/HSD and processing of enhanced quantity of high sulphur crude.	400.00	• To produce BS-III / IV quality MS & HSD • To improve distillate Yield from 68% to 75% • To process increased quantity of High Sulphur Crude from 26% to 58%.	Produce BS-III / IV quality MS & HSD		• MS/HSD Quality upgradation part commissioned progressively from May to July 2010. • VGO-HDT commissioned for processing of increased High Sulphur Crude from 26% to 58%. * Coker unit under commissioning, expected by January 2010
5	MS Quality Impprovement at Barauni Refinery	To improve the quality of MS conforming to Euro-III equivalent (BS-III) norms.	180.00	Production of Euro-III MS (Qty-600 TMTPA)	Produce Euro-III MS		Project Mechanically completed. Units under commissioning. HGU commissioned on 17.9.2010, NHDT on 22.10.2010. Commissioning of ISOM and FCC-GDS expected by December 2010.

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
6	MS Quality Improvement Project at Digboi & Guwahati	To meet Euro-III equivalent (BS-III) of MS	30.00	Production of Euro-III MS. Qty-140 TMTPA (Guwahati) Qty-93 TMTPA (Digboi)	During 2011-12: NIL	Project mechanically completed. Commissioning expected in December 2010.	
7	FCC Rewamp at Mathura Refinery	For reliability improvement and maximisation of value added propylene	150.00	Augmentation of FCC unit capacity from 1.3 to 1.5 MMTPA	During 2011-12: NIL	Commissioning by January 2013	

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
8	DHDT at Bongaigaon Refinery	Diesel Hydro-Treatment (DHDT) project is being implemented at Bongaigaon Refinery in order to meet Euro-III / Euro-IV specifications for HSD in line with introduction of Euro-III diesel as per Auto Fuel	85.00	972 TMTPA of Euro III equivalent HSD	Produce Euro-III HSD	Commissioning by March 2011	

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
9	MS Quality Impprovement at Bongaigaon Refinery	MS Quality Improvement (MSQ) project is being implemented at Bongaigaon Refinery in order to meet Euro-III specifications Project will also enhance the production of high value product (MS) reducing production of SR Naptha, a demand limited product.	23.00	306 TMTPA of Euro III equivalent MS	Produce Euro-III MS	240 TMTPA (80% of total capacity) of Euro-III equivalent production started.	Already the purpose of project to supply BS-III MS is fulfilled with commissioning of Phase-1 facility in March 2010 for Upgradation of about 220 TMTPA (80%) MS to BS III standard. 1st Batch of BS-III MS was dispatched on 22.4.2010. Phase-2 facilities is basically for modernization of old plant which will be commissioned by Mar ch 2011 Progress is slow due to problems in North East.

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
10	Naphtha Cracker Unit at Panipat Refinery.	For production of petrochemicals i.e ethylene & propylene by utilising surplus Naphtha as feed stock from IOCL refineries for value addition.	680.00	Production of value added Petrochemical products - 857 TMTPA of ethylene 660 TMTPA of propylene.	Produce Ethylene, Propylene and other Polymers	•All process units commissioned progressively from March 2010 to May 2010.•The actual commissioning time of 46 months for Panipat Naphtha Cracker compares with Global standard for similar capacity plants and is ahead of average time taken by Indian Plants	
11	Butadiene Extraction Unit at Panipat	Production of Butadiene	107.00	To produce 140TMT of Butadiene	During 2011-12: NIL	Commissioning by February 2013	
12	Branch pipeline to Tikri kalan	Cost effective and reliable movement of products for existing Tikri kalan terminal	7.00	Investment approval accorded on 31.3.2008.		Schedule Completion-March 2010.	Commissioning to synchronise the completion of Mktg. ToP at Tikrikalan.

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
13	Paradip-New Sambalpur-Ranchi-Branch product pipeline	During 2009-2010 : NIL. Cost effective and reliable movement of products upto Ranchi	600.00	Investment approval accorded on 31.8.2009.	During 2011-12: NIL	September 2012	-
14	Branch pipeline from KSPL Viramgam to Kandla	Cost effective and reliable movement of products for Kandla (229 KM)	130.00	Investment approval accorded on 28.2.2009.	During 2011-12: NIL	30 months from environment and forest clearance i.e. March 2013.	
15	Debottlenecking of SMPL system	Augmentation of existing SMPL system	300.00	1st stage approval accorded on 29.4.2008.	During 2011-12: NIL	30 months after receipt of statutory clearances	
16	Additional Tanks and blending facilities at Vadinar	Storage of HS-Heavy crude oil alongwith crude oil mixing facility.	75.00	Investment approval accorded on 28.2.2009.	During 2011-12: NIL	30 months after receipt of statutory clearances i.e. September 2012	

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
17	ATF pipeline to Kolkata AFS	Cost effective and reliable movement of ATF for Kolkata AFS.	35.00	Investment approval accorded on 6.5.2009.	During 2011-12: NIL	30 months from receipt of RoW, E&F clearance	
18	Delivery cum pumping station at Chittoor	Cost effective and reliable movement of product for upcoming Mktg. ToP at Chittoor	35.00	Investment approval accorded on 31.8.2009.		August 2011	
19	ATF pipeline to Guwahati AFS	Cost effective and reliable movement of ATF for Guwahati AFS.	35.00	Investment approval accorded on 19.11.2009.	During 2011-12: NIL	30 months from environment and forest clearance	

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
20	Integrated crude oil handling facilities at Paradip	To fulfill the crude oil requirement of Paradip Refinery & to provide operational flexibility for crude oil supply to Haldia & Barauni refinery.	600.00	Investment approval accorded on 30.12.2009.	During 2011-12: NIL	June 2012	

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
21	Exploration & Production	To secure equity oil & gas	600.00	To secure crude oil and gas	During 2011-12 : NIL Integration through entry into domestic upstream sector & energy security through equity oil from abroad.	Timelines for production of equity oil & gas shall emerge from development plan in the blocks with discovery viz. Farsi in Iran,AAP-ON-94/1 in Assam, MN-OSN-2000/2 in Orissa and Carabobo Project-1 in Venezuela . Development plan for these blocks is under finalization.	Achievement would depend upon the success of exploration effort
22	Equity participation in Gas projects	To enter the Gas business	46.00	To obtain access for LNG imports and partner in city gas distribution	Facilitate entry into the fast growing gas business.	1. Proposed LNG Terminal at Ennore 2. City Gas Distribution 3. LNG through virtual pipeline.	

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
23	Investment in R & D	To build-up the capabilites in the areas of refining technology, pipelines, biofuels and alternate sources of energy	158.00	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.
24	New Marketing Terminal at Tikri kalan (Delhi)	Additional tankage and allied facilities for better logistics	20.00	Tankage of 50080 KL and allied facilities for better logistics.		July 2011	
25	LPG import facility at Kochi	Construction of Import facilities to meet supply & demand of LPG	50.00	15.6 TMT storage capacity planned . It will facilitate smooth supply & demand of LPG.	During 2011-12: NIL	September 2011 (Subject to resolving Jetty issue)	

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
26	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 59859 KL with other allied facilities for better logistics.	During 2011-12: NIL	36 months from the date of Board approval or receipt of the last statutory approval whichever is later.	
27	Chittoor Terminal on CBPL (Karnataka)	Additional tankage and allied facilities for better logistics	30.00	Tankage of 51000 KL and allied facilities for better logistics.		24 months from the date approval.	
28	LPG facilities at Paradip	Construction of LPG bulk loading facility	50.00	Storage of 3600 MT planned for T'put 520 TMTPA (8 TT bay) and allied facilities for facilitating smooth supply/ demand balance of LPG.	During 2011-12: NIL	March 2012	

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
29	Investment in biodiesel venture	Jatropha plantaion and bio-diesel production in Chhattisgarh/ MP/ other states.	32.00	Jatropha plantation in cluster of 30,000 hectares in Chhattisgarh/ MP/ other states.	Jatropha plantation.	Target depends on the availabil-ity of land and survey for land will be done in 2011	IndianOil Ruchi Biofuels LLP incorporated on 28th May 2010.
30	Equity participation in Nuclear Power	Foray in Nuclear power for becoming Energy of India in line with the vision of IOCL.	108.00	2*700 (total: 1400 Mwe) Nuclear power.	During 2011-12: NIL	Proposal for equity participation approved by Board in Sept 2010. Commis-sioning expected in Dec 2016 in phased manner.	Execution in progress.
31	100 MW wind power project	To produce green and clean energy of around 100 MW from wind power	350.00	Around 100 MW wind power	During 2011-12: NIL	Proposal yet to be approved. Expected commissioing: 2011-12 .	Tendering in progress.

INDIAN OIL CORPORATION LIMITED (IOC) **Rs. in Crore**

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Annual Plan 2010-2011 (Proposed)	Quantifiable Deliverables/	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
32	SBR Project at Panipat in JV	Production of Styrene Butadiene Rubber	70.00	To produce 120TMT of Styrene Butadiene Rubber	During 2011-12: NIL	By 2012	1. JVA has been signed between the 3 parties on 3rd April 2010 2. JV Company has been named as Indian Synthetic Rubber Limited (ISRL) and had been incorporated on 6th July 2010, 3. PMC for the project is M/s Uhde India Ltd. 4. EIA/RA Consultant is M/s Cholamandalam Risk Services Ltd., and the study is under progress. 5. Activities related to Land acquisition is in final stage. 6. Project Management Consultant (PMC) has initiated activities for lining up of LSTK
33	Miscelleneous projects	To facilitate operations and growth in various activities of the Corporation	184.00	To facilitate operations and growth in various activities of the Corporation			
		Grand Total	**14500.00**				

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (Rs.Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary 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		460.00		Participating interest(10% to 25%) in 23 projects: 4 overseas projects inlcudes one each at Oman and 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.	Commercial viability of the proposal due to cost escalations and shortage of resources. Support from MOP&NG for allocation of blocks in proven basins on nomination basis and enhancement in limit for Overseas Investments.
2	Green Fuels & Emission Control Project at Mumbai Refinery	Production of Euro-III/IV compliant MS as per Auto Fuel Policy		50.00		Production of Euro III/IV compliant MS. Maximisation of middle distillate yield and reduction of sulphur emmission	Production of Euro-III/IV compliant MS as per Auto Fuel Policy	Project Commissioned	--

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (Rs.Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
3	Installation of New FCCU at Mumbai Refinery	Increase in secondary processing capacity to improve margins		175.00		Setting up of new FCCU with a capacity of 1.456 MMTPA	Increase in secondary processing capacity which will result into increase in production of MS / HSD / LPG	Mechanically Completed in Dec,10.	--
4	Upgradation of LOBS Quality at Mumbai Refinery	Production of Group II/ III Lubes to meet market requirement		84.00		Upgradation of Lube quality to enable production of Group-II/III grade lubes.	Production of Group II/III lubes to meet lube market requirements. To be competitive and retaining/increase market share	Project Mechanically completed in august,2010	Commissioning in progress
5	Electrical System Integration / Reliability Improvement	Enhance reliability of refinery electrical system		1.00		Replacment of existing GTG with fuel efficient and economic size GTG and to enhance the reliability of distribution system	Enhance reliability of refinery electrical system	Feasibility study to be undertaken	
6	Calico Land-Cavern / Tankage	Decongestion of existing facilities. Meeting Future expansion requirement.		1.00		Crude cavern storage of 650 TMT & above ground products storage	Decongestion of existing facilities. Meeting Future expansion requirement.	Feasibility study to be undertaken	

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (Rs.Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
7	Fuel Gas Desulfurisation			175.00		Line entry proposed	Line entry proposed	Feasibility study to be undertaken	--
8	Integrated Effluent Treatment Plant at MR	Floor wash water treatment to meet pollution norms		5.00		Integrated Effluent Treatment plant with advanced technology to meet future requirement	Environmental benefits meeting pollution norms	Project commissioned. Water being re-used as boiler feed.	--
9	Residue Upgradation (Yield Improvement / Bottom upgradation - FS) at Mumbai Refinery	Bottoms Upgradation, using the option of Solvent Deasphalting		45.00		Installation of Solvent Deasphalting unit to improve distillate yields	Bottoms Upgradation, using the option of Solvent Deasphalting	Licensor Basic Enginnering Package has been completed. Placement of Purchase order for residual engineering is in progress	--

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (Rs.Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
10	Diesel Hydrotreater at Mumbai Refinery	Production of EURO IV compliant Diesel as per Auto Fuel policy		500.00		Installation of 2.2 MMTPA Diesel Hydrotreating Unit (DHT) and corrosponding Hydrogen generation unit jointly with BPCL, sulphur recovery unit and associated facilities	Production of EURO IV compliant Diesel as per Auto Fuel policy	Construction activities under progress	--
11	Energy conservation at MR	Projects for energy conservation		1.00		Study for energy consevation of existing refinery is undertaken with EIL	Energy conservation	Feasibility study under progress	--
12	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	--
12	Upgradation of Offsites and associated facilities at MR	Overhauling and realignment of the roads		1.00		Overhauling and realignment of the roads	Overhauling and realignment of the roads	Feasibility study under progress	--

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (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
14	Augmentation of Raw water supply	Treated cooling water under "Synergy between HPCL & BPCL Refineries". The water can be supplied either by desalination of sea water or treatment of sewage water at Navi Mumbai.		1.00		Project as identified in consultation with IL &FS	Minimising maintenance cost due to corrosion from sea water and ensure uninterrupted water supply	Feasibility study under progress	--
15	FCCU-II Revamp and FGDs at Visakh Refinery	Revamping FCCU-II from 0.6 MMTPA to 0.97 MMTPA capacity		125.00		M/s EIL is PMC for FCCU-II Revamp and M/s. PDIL for FGD	To increase capacity and for Yield improvement	FCCU-II Revamp project commissioned on 02/12/ 10.	--
16	SPM and Crude Oil Terminal	Installation of new facilities for enhanced capacities and minimising transportation cost.		147.00		Installation of SPM and associated facilites and tankages to receive crude through VLCC	Minimising Freight and Wharfage cost	Project Mechanically completed in May-10	Commissioning in progress

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (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
17	Diesel Hydrotreater at Visakh Refinery	Production of EURO IV compliant Diesel as per Auto Fuel policy		800.00		Installation of 2.2 MMTPA Diesel Hydrotreating Unit (DHT) and corrosponding Hydrogen generation unit, sulphur recovery unit and associated facilities	Production of EURO IV compliant Diesel as per Auto Fuel policy	Targetted Mechanical Completion : Mar-2012	Performance of LSTK Contractors / being closely monitored.
18	Modernisation / Capacity Enhancement at Visakh Refinery	Expansion of Visakh Refinery to 15 MMTPA with suitable bottom upgradation Technology		20.00		Setting up grass root 9 MMTPA CDU/VDU alongwith bottom upgradation technology & Value added products	Setting up grass root 9 MMTPA CDU/ VDU alongwith bottom upgradation technology & Value added products	Order has been placed on M/s. EIL for carrying out Configuration Study and Prepared DFR to expand the current capacity to 15 MMTPA. The Job has been initiated by EIL.	Performance of LSTK Contractors / being closely monitored.

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (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
19	Feasibility study for various projects by CEC			1.00		Line entry proposed	Line entry proposed	Feasibility studies under progress	--
20	Resitement of Visakh Marketing Terminal	To create space for growth, modernization and expansion plan of Visakh Refinery		310.00		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 projects of Visakh refinery by providing space for expansion plans for Visakh Refinery.	**Black Oil Terminal** - Commissioned on 20th Sep 2010. **LPG**: Anticipated completion date - June'11; **White Oil Terminal**: Anticipated completion date- Sep'11	White Oil terminal and LPG terminal projects being closely monitored

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (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
21	Resitement to Ennore Terminal	Resitement of Tondiarpet terminal in Chennai city to outskirts of Chennai at Ennore. The resitement will lead to safer operations and decongest North Chennai roads		194.00		Resitement of Tondiarpet terminal to safer operational area on the outskirts of city at Ennore leading to meeting TNPCB norms as well as safety of operations.	The present Chennai terminal is in North Chennai which is thickly populated and in residential area with heavy traffic also.The resitement will lead to safer operations and decongest North Chennai roads.	Anticipated completion by Mar-2011	Delayed due to heavy Rains/Cyclones. Project being closely monitored
22	LPG Bottling Plants at plan locations and Tankage Augmentation	Increase in Bottling Capacity to meet future market growth and reduce transportation cost		100.00		Additional bottling capacity	Increase in Bottling Capacity to meet future market growth and reduce transportation cost	Plants in various locations will be commissioned in phases	--
23	Underground Cavern Storage at MLIF	Underground Cavern LPG storage to meet future demand		100.00		Underground Cavern LPG storage to meet future demand	Underground Cavern LPG storage to meet future demand	To be completed in 30 Months from the date of approval. DFR/FAR completed	--

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (Rs.Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
24	Mundra-Delhi Pipeline	Ensuring product supply in North Zone and Optimising the distribution cost		22.00		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 Bahadurgarh Terminal. Bahadurgarh-Tikrikalan Pipeline (1 x 10" dia & 1 x 8 “dia) construction work in progress. Anticipated completion by May 2011.	--
25	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.	Joint project with BPCL.Project execution by BPCL. DFR/ route survey completed.PMC awarded.	--

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (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
26	VVPL Extension - Contingent liability	Extension of pipeline		0.20		Extension of pipeline to secunderabad	Extension of pipelines to Secunderabad	Project commissioned	Outlay for residual payments
27	MPPL Extension	Extension of pipeline		3.50		Continegent liability towards extra claims of Laying contractor	Continegent liability towards extra claims of Laying contractor	Project commissioned and is in operation.	Arbitration proceedings are in progress
28	Evaccuation of GGSRL Refinery's white oil products by pipelines	White oil evacuation from Bathinda Refinery		50.00		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 mechanicaaly completed in December, 2010.	--
29	LPG pipeline from BPCL Uran to Chakan (Pune)	For further evacuation of LPG production of MR from BPCL Uran LPG to Chakan LPG Bottling Plants		35.00		Designed thruput 1.1MMTPA. 12" dia-140 km length from BPCL-Uran LPG Plant to Chakan HPC/IOC/BPC LPG Plants.	Designed thruput 1.1MMTPA. 12" dia-140 km length from BPCL-Uran LPG Plant to Chakan HPC/IOC/BPC LPG Plants.	Pipeline route finalised..	--

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (Rs.Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
30	Gas Pipeline from Kakinada to Visakh	Transport Natural Gas from Kakinada to Visakh Refinery for captive use		5.00		Laying of high pressure 175 km long gas pipeline from Kakinada to Visakh Refinery for transporting natural gas.	Substantial savings with shift from liquid fuels to natural gas	Feasibility study under progress	--
31	DFR and Laying of New Pipelines			2.50				DFR for Raman Mandi-Sangrur-Ambala Pipeline is proposed to be taken up after approval.	--
32	Rewari Kanpur Pipeline	Ensuring product supply in North zone		29.50		proposed Designed thruput 2.1 MMTPA	Ensuring product supply in North zone and optimising the distribution cost	Approval of Rs 9.92 Cr obtained for carrying out pre-project activities viz. Detailed Route Survey, EIA/RA, Basic Engg etc. Pre-project activities would take about 8 months	Proposal for approval of project would be put up after firming up of DFR.

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (Rs.Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
33	Awa-Salawas Product pipeline	Laying of Pipeline and associated facilities		8.00		DFR study to be undertaken	Substantial saving in Transportation cost	DFR and pre-project activities for the pipeline would be taken up after approval of BE 2011-12	--
34	LPG Pipeline from Bathinda to Bahadurgarh	737 TMTPA of Bulk LPG		80.00		Design thruput of 0.6 MMTPA expandable to 1 MMTPA	LPG evacuation from Bathinda Refinery for marketing	DFR completed and FAR in progress. To be completed in 30 months from date of approval or receipt of EC which ever is later	--
35	LPG Pipeline from Mangalore-Hassan Mysore-Bangalore	Capacity to meet future Market growth and reduce transportation cost		50.00		Development of Infrastructure facilities.	Ensuring product supply in south zone and optimising the distribution cost	DFR / FAR completed. Project completion with in 30 months from date of approval / obtaining EC which ever is later.	--

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (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
36	DFR study for cross country ATF pipeline from Bahadurgarh to Delhi Airport	Ensuring end to end supply from refinery to Delhi Airport via Bahadurgarh.		1.00		DFR study	Ensuring end to end supply from refinery to Delhi Airport via Bahadurgarh.	Estimated completion 24 Months from the date of approval	--
37	R&D Project	Creating in-house R&D expertise and facilities		80.20		Setting up of R&D centre at Banglore	Setting up of R&D centre at Banglore	1. Obtaining Statutory aprovals for commencement of construction work, 2. Arranging Roads & Development of Layout,3. Arranging the Utilities & Power system.	The progress of these activities are depending to the total land acquisition work which is pending with various Govt. agencies.
38	Prize Petroleum Co. Ltd.	Exploration and production activities to achieve access to equity oil		25.00		Development of Hirapur, Sanganpur and South Rewa fields	Exploration and production activities to achieve access to equity oil	Development of existing assets and induction of new equity partner	Fluctuation in crude prices. Associated project risk.

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (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
39	Punjab Refinery Project including Crude Oil Pipeline and Crude Oil Terminal	To meet the demand of petroleum product in the northern region		75.00		Setting up of 9 MMTPA grass root refinery at Bathinda, Punjab	Setting up of 9 MMTPA grass root refinery at Bathinda, Punjab to meet the demand of petroleum products in the northern region	Work in progress at final stages. Mechanical completion expected by mid 2011	--
40	New LNG Facilities			5.00		Line entry proposed	Line entry proposed	--	--
41	Bhagyanagar Gas	Distribution and marketing of evironmental friendly fuels (green fuels) viz CNG & Auto LPG in state of Andhra Pradesh		20.00		Setting up pipelines, Dispensing units and Stations for CNG and Auto LPG.	Setting up and expansion of CNG Network	Expansion of PNG network in Hyderabad, Vijaywada and Kakinada for domestic, commercial and industrial sector	Joint venture company. Availability of gas from GAIL. Local approvals and land acquisition.

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (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
42	Aavantika Gas Ltd.	Distribution and marketing of environmental friendly fuels (green Fuels) viz. CNG and Auto LPG in the state of Madhya Pradesh.		5.00		Setting up pipelines, Dispensing units and Stations for CNG and Auto LPG.	Setting up and expansion of CNG Network	Expansion of PNG network and facilities in Indore and Ujjain . Mother station and pipeline network at Gwallior by Dec 2011.	Joint venture company. Availability of gas from GAIL. Local approvals and land acquisition.
43	Jatropha Plantation at Chattisgarh	Cultivation of Jatropha and other non edible plants in the State of Chhattisgarh to facilitate production of environmental friendly 'Biofuel'.		40.00		Plantation on the land leased from State Govt	Production of environmental friendly 'Biofuel'.	As of Nov 2010, 7250 hectares of land is acquired out of which 2500 hectares is cultivated. Further 5000 hectares of land will be acquired during 2011-12	Subsidiary company (CREDA-HPCL Ltd.). Availability of suitable land for cultivation.

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

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44	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		25.00		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
45	HPCL Biofuels Ltd. (HBL)	To have captive ethanol for blending in MS		40.00	Setting up of Ethanol manufacturing plants in North Bihar - Sugauli & Lauriya	Crushing capacity of 3500 TCD at each plant. Ethanol production - 60 KL per day per unit.	To have captive ethanol for blending in MS	Project expected to be completed by Jan 2011	Subsidiary company.

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

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46	Cross country Gas Pipeline in consortium with GSPL,IOCL & BPCL	Gas transportation capacity access, which will aid in gas marketing.		125.00		1) Mallavaram-Bhilwara Pipeline (1584 KMs) Avg Capacity 40 MMSCMD2) Mehsana-Bathinda Pipeline (1670 KMs) Avg Capacity 40 MMSCMD3) Bathinda-Srinagar Pipeline (740 KMs) Avg	Transport natural gas from Origin points to end points and deliver to enroute customers also.	These pipeline projects, in which Consortium is lowest bidder, are subject to authorisation by PNGRB.	--
47	Proposed Maharashtra Refinery Project	Setting up 15-20 MMTPA capacity green field refinry on the west coast of Maharashtra		100.00		Setting up 15-20 MMTPA capacity green field refinry on the west coast of Maharashtra	To meet the market demand	M/s EIL has beeen engaged to conduct DFR study	--
48	Green Field Refinery cum Petrochemical Complex	Setting up of Refinery cum Aromatics complex at Visakhapatnam PCPIR		1.00		Petroleum and Petrochemical products	--	--	Project on hold due to global Economic meltdown

HINDUSTAN PETROLEUM CORPORATION LIMITED (HPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Proposed Outlay 2011-12 (Rs.Cr.) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
49	Propylene Manufacturing facilities at Mumbai Refinery			0.10				Feasibility study to be undertaken	--
50	Making Mixed Xylenes from Continuous Catalytic Reformer (CCR) at Mumbai Refinery			1.00			--	Feasibility study to be undertaken	--
51	Making Mixed Xylenes from Continuous Catalytic Reformer (CCR) at Visakh Refinery			1.00			--	Feasibility study to be undertaken	--
	Total			**4003.00**					

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
I	**Ongoing / Completed Schemes**						
	Refinery						
1	Fuel quality Upgrade at Mumbai Refinery	To supply Mumbai requirement of Euro IV HSD/ MS from our Mumbai Refinery.	5.00	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 and expected to be completed by July 2011.

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
2	Hydrocracker Revamp and setting up of new CCR at Mumbai Refinery	Setting up new Continuous Catalytic Regenerator Reformer unit (CCR) of 0.9 MMTPA capacity with 30% design margin to upgrade part Naphtha to Euro III / Euro IV MS Revamping of Hydrocracker Unit (HCU) demands. to increase capacity from 1.75 to 2.0 MMTPA to enable	400.00	MS and HSD quality upgradation by installation of new CCR and HCU Revamp	Hydrocracker capacity revamped and new CCR being set HCU enables increase of HSD production meeting Euro IV specifications. The CCR would enable production of MS meeting Euro IV specifications	December 2011	For HCU Revamp, major portion of work completed. Balance equipments of HCU Revamp will be installed by January '11. CCR Site clearing activities - 90% completed. CCR plot soil investigation work is nearing completion. Civil works contracts awarded to M/S Bridge & Roof All major equipment like Recycle Gas Compressor, Columns, Vessels, Heat

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

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		upgrading 0.2 MMTPA high sulphur diesel streams to Euro IV HSD.					Exchangers,have been ordered.Bulk materials like piping,cables ,flanges,etc are also being ordered.PMC For Utilities & Offsites job has been awarded to M/S Tata Consulting Engineers. Tenders for major packages like Nitrogen plant, DM water plant, Compressed Air System, Flaresystem have been floated.

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3	Production of High Quality Lube Oil Base stocks (LOBS) **Joint Venture Projects (Investment Represents BPC's share of Equity)**	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	2.00	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 Rs.371crores.		plant with 180TMTPA capacity has been completed.	The Outlay is for providing Additional Catalyst to enhance the plant capacity from 180 TMTPA to 216 TMTPA.
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 Rs.12,208 crores.		All units of the refinery are expected to be commissioned by end January 2011.	Vadinar Bina Crude Oil Pipeline has been commissioned. SPM and Crude oil terminal at Vadinar have been commissioned Crude and Vacuum distillation unit has been commissioned. Hydrogen Generation Unit commissioned. Pre-commissioning activities are on for Hydrocracker, Hydrotreater Unit, Naphtha Hydrotreator, CCR,

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

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							delayed Coker Unit and Sulphur Recovery Unit. Boiler I since commissioned on solid fuel (coal) and generator synchronized with grid on 25.11.2010. There have been few teething problems that are being resolved by BHEL. The project has achieved an overall progress of 99.94% against a schedule of 100%. Shortfall in progress is mainly due to delay in supply of critical equipment of Captive power plant (CPP) by BHEL.
	Sub-Total (JV-Refinery)		50.00				

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
Kochi Refinery							
5	Refinery Modernization & capacity Expansion - Phase I	The project envisages facilities for production of Auto Fuels conforming to BS-II emission norms.	0.10				The project has been commissioned.
6	Stand alone water supply	Bridge cum regulator being set to prevent the salt water ingress in the Periyar river	9.50	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.

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SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
7	Capacity expansion cum modernization Project - Phase II	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.	500.00	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		The project has been mechanically completed in October 2010 and commissioning activities are in progress.	As a part of Capacity Expansion cum Modernization Project – Phase II (CEMP-II), the capacity of the Kochi Refinery has been augmented from 7.5 MMTPA to 9.5 MMTPA in July 2009. The earlier delay in process and detailed engineering activities completion had affected ordering and thereby the availability of materials for construction progress at site. The delay in delivery of compressors and auxiliaries by BHEL also affected the progress of the project.

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SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
8	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.	2.00	The facilities envisaged under Phase I of the 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.		May 2007 Dec.2007	Project commis-sioned in November 2007.
	Sub Total (Refinery)		**968.60**				
9	**<u>Marketing</u>** Bina Despatch Terminal	Setting up of Marketing & LPG bulk despatch facilities for rail / road transportation of products from the proposed 6 MMTPA Central India Refinery at Bina Madya Pradesh.	12.00	Setting up of Marketing facilities for rail / road transportation of products at a revised cost of Rs.639.11 crore prices) The products produced by Bina refinery shall be transferred from the refinery to Marketing Terminal for onward evacuation to the demand centres.		The project is mechanically complete . LPG /Kerosene facilities have been commissioned and the balance facilities would be commissioned along with Bina refinery	

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SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
10	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.	70.00	Unloading of refrigerated 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 t		March 2011	The Project as on November '10 has achieved an overall progress of 80.3%. Orders for all procurement and contract packages have been placed. Construction work at site is in progress. Delay in progress is due to product service changed from LPG to Propane
11	Product Pipeline from Bina to Kota	The project envisages laying of 18"dia. 257 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 connected to the existing multipro	40.00	The total capital cost of pipeline from Bina to Kota (including cost of additional pumping station at Kota) is estimated at Rs. 405.82 crore.		March 2010	The pipeline has been mechanically completed and will be commissioned on receipt of products from the Bina refinery.

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SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
12	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	150.00	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 Rs. 206.31 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.		The project is scheduled to be completed by February 2012	MOU has been signed with HPCL for laying of submarine pipeline from BPCL & HPCL refineries to Uran LPG plant. PMC has been awarded to EIL Detailed route survey has been completed The Project as on November '10 has achieved an overall progress of 17.6% and is scheduled for completion in February 2012
	Sub Total (Marketing)		272.00				
	Total-I		**1,240.60**				

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
II.	**NEW SCHEMES** **Refinery**						
1	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.	11.00	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 Bottoms Up-gradation facilities.		March 2016	Investment is yet to be approved by the Board. Scoping cum Configuration study has been awarded to M/s Engineers India Limited

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

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2	Desalination of sea water in Mumbai refinery	Minimise dependence of Municipal water and there by reduce cost.	5.00	To mitigate corrosion problemsin the refinery and to reduce /eliminate Mumbai Municipal water.		The feasibility study has been completed by ILFS for setting up joint dealination/ sewage water treatment facilities for BPCL &HPCL Mumbai refineries The facilities would be set up once the tender for untreated water by Navi Mumbai Municipal Corporation is finalised.	

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

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3	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.	5.00	To set up 7 MMTPA grassroots refinery at an approved cost of Rs.6180 crores (August 1998 prices)			Once Bina refinery project is completed and stabilized, strategies for implementation and time lines required for UP refinery construction can be worked out more realistically giving due consideration to Supply demand scenario as well as viability of the project. However, before any further step, court case will have to be disposed off and State Government will have to ensure possession of land to BPCL.
	Sub Total (Refinery)		21.00				

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	Marketing						
4	Construction of Hydrant facilities at Chennai Airport	To ensure safe, smooth & environmental friendly refuelling operations	36.95	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	Hydrant fuelling operations are safe & environment friendly.
5	Establishment of Aviation Station at Navi Mumbai / Kalyan	To construct aviation storage tanks with a hydrant facility at Navi Mumbai / Kalyan	10.00	The government has plans to go for a second airport at Navi Mumbai / Kalyan in a couple of years as the present airport will not be able to cope up with the aviation traffic looking into the current growth.		60 months from receipt of all approvals	With the start of a second airport somewhere in Navi Mumbai or Kalyan, plans are to be made to transfer some of the refinery ATF to the second airport thru ATF pipeline. In view of that we have to even construct Storage facility at JNPT so that we can even receive coastal inputs from Other OMCs, so that the product can be transferred by pipeline to the airport at Navi Mumbai / Kalyan.

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
6	New LPG Bottling plants under IX Plan	augument capacity under IX Plan to				18 months from the date of land acquistion / receipt of all approvals	
	i. Kanpur - capacity 44 TMTPA	To develop new LPG Bottling Plants /	0.10	capacity 44 TMTPA			
	ii. Bhopal / Akolner capacity 44 TMTPA	meet BPC's Marketing needs.	0.10	capacity 22 TMTPA			
	iii. Kolhapur capacity 44 TMTPA		35.00	capacity 44 TMTPA			
	iv. Vizag capacity 22 TMTPA		10.00	capacity 22 TMTPA			
	v. Ranchi capacity 22 TMTPA		5.00	capacity 44 TMTPA			
	vi. Raipur capacity 22 TMTPA		25.00	capacity 44 TMTPA			
	Sub- Total New LPG Bottling plants under IX Plan		75.20				

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7	LPG import facilities and development of startegic storage in Mangalore	Laying of LPG import pipeline from Mangalore Port (5 kms.) and develop 10,000 mts. storage at Mangalore LPG plant	50.0	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 Mangalor
8	LPG pipeline from Uran to Pune	Laying of pipeline from Uran to Pune alongwith HPC.	60.00	Laying of LPG import pipeline from Mangalore Port (5 kms.) and develop 10,000 mts. storage at Mangalore LPG plant .		DFR by HPCL has been carried out with cost of project as Rs.309.82 crore. BPCLwill participate on cost sharing basis (Rs.154.91 crore) scheduled to be completed by March 2013.	

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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.	40.00				DFR is under formulation.

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10	New Product Pipelines and associated infrastructure	For environment friendly and economic transportation of petroleum products	201.00	For environment friendly and economic transportation of petroleum products			viability studies are on.
	Kota Jobner Pipeline		65.00				
	Jobner Terminal		36.00				
	Kota Piyala Capacity augmentation		40.00				
	Irugur Bangalore Pipeline		40.00				
	Bina Jhansi Kanpur pipeline		20.00				

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
11	Investment in Gas Pipelines	For environment friendly and economic transportation of petroleum products	317.70	For environment friendly and economic transportation of petroleum products			viability studies are on.
i.	acquisition of stake in gas pipeline		60.00				
ii.	setting up of gas pipeline in partnership		117.00				
iii.	setting up of regasification terminal		30.00				
iv.	setting up of gas liquification facilities		98.70				
v.	setting up of power plant in partnership		12.00				
	Sub Total (Marketing)		**790.85**				
	Joint Venture Projects (Investment Represents BPC's share of Equity)						

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
	Marketing						
12	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.	10.10	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.		The Company is in operation	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.
14	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				

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
15	Provision for Equity payments in probable joint ventures likely to be entered		10.00				Provision has been made for probable Joint Ventures.
16	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.
17	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.		The Company is in operation	Five CNG station has been commissioned.

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
18	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		The Company is in operation	
19	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.		The Company is in operation	

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
20	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 Rs 2000 crores in the next 10 years	3.00	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 Rs 2000 crores in the next 10 years		The Company is in operation	A new Joint Venture Company was incorpo-rated 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.
21	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		The Company is in operation	
	Sub Total (JVC)		14.70				

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
22	Investment in 100% Subsidiary : Bharat Petro Resources Ltd. (BPRL)	To implement BPCL's plans in the Exploration & Production sector.		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.			
I	Exploration for Oil & Gas under NELP IV	To bid & acquire participating interest (PI) in oil & gas exploration assets in India through NELP - VII round and carry out the exploration & production	104.00				
II	Exploration and Developmental work with Consortium Members Cachar (Assam) Oman block 56	activities as Jt. Operator to secure energy requirement for company and country.	55.00				
	Australia(WA 388P)		5.00				
	JPDA (Joint Petroleum Development Area in Timor Sea between Austalia and East Timor)		50.00				

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
III	Exploration/ development/ production of oil and gas through farming - in opportunities in India and abroad.	-do-	460.00				
a	North Sea block 48 / 1 b & 2 c		2.00				
b	AC / P 32		2.00				
c	Brazil blocks		273.00				
d	Mozambique		141.00				
e	Indonasia		17.00				
f	Shale Gas Blocks in Australia		25.00				
IV	Exploration for Oil & Gas under NELP VI - Phase I	-do-	36.12				
V	Exploration for Oil & Gas under NELP VII - Phase I	-do-	40.88				

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
VI	Exploration & Production	-do-	102.00				
	(New Schemes)						
1	Provision for participation for Oil & Gas under future rounds of NELP (eg. NELP IX) and participation in discovered / marginal fields in India and abroad	-do-					
a	Exploration for Oil & Gas for ONGC Marginal fields						
b	Exploration for Oil & Gas under various bidding rounds in India and abroad		20.00				
c	Exploration/ development/ production of oil and gas through farming -in opportunities in India and abroad.		82.00				

BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Plan Outplay (BE) 2011-12 (Prop-osed)	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
	Sub Total (Exploration & Production)	-do-	798.00				
	Sub-Total (JVCs + Subsidiaries)		812.70				
	Total-II (New Schemes)		1624.55				
	Total		2,865.15				

Annexure III-B

(Plan)

MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-12			Quantifiable deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary 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)		4615.00		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)	Mechanical completion by Oct, 2011 for Phase III Refinery Expansion cum upgradation Project & April, 2012 for Poly propelene Unit.	Delay in evacuation of few Project affected families, leading to non availability of encumbrance 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. Supplement secondary processing facilities like FCCU, DCU, PCU, HGU etc.				2) Delayed Coker Unit - Capacity 3 MMTPA (DCU)	3. Supplement secondary processing facilities like FCCU, DCU, PCU, HGU etc.		

MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-12 Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources	Quantifiable deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
		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 expansion to 15 MMTPA and Capacity to process more sour and heavy crudes and high TAN Crude		
		5. Production of 440 MMTPA Polypropelene (a value added Petrochemical Product)				4) Diesel Hydro De-Sulphurisation Unit - Capacity 3.70 MMTPA	5. Production of 440 MMTPA Polypropelene (a value added Petrochemical Product)		
						5) Poly propelene Unit - Capacity 440TMTPA			
						6) Co generation Power plant 116 MW capacity. 7) Storage tanks.			

Annexure III-B

(Plan)

MANGALORE REFINERY & PETROCHEMICALS LIMITED (MRPL)

SL. No.	Name of Scheme/Prog-ramme	Objective/ Outcome	Outlay 2011-12			Quantifiable deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
			Non Plan Budget	Plan Budget	Complim entary Extra-Budget ary Res-ources				
2	Revamping of CDU/VDU	De-bottlenecking of existing Crude Distillation unit and Vacuum Distillation Unit of Phase-I Refinery, MRPL, Mangalore. To enhance the capacity & efficiency		54.60		De-bottlenecking of existing Crude Distillation unit and Vacuum Distillation Unit of Phase-I Refinery to enhance the capacity as well as increase the distillate yield.	Increase in design capacity of Phase I Crude Unit resulting better distillate yield & energy efficiency.	To be completed by April,2011 or during shutdown planned in 2011.	Progress as per schedule.
3	Single Point Mooring Facility	Import of Crude through larger vessels - VLCC		494.40		Installation of SPM facility, sub-sea pipeline, booster pumping station at landfall point and piping from ISPRL to Refinery	Import of crude through VLCC leading to lower freight costs and improvement to production process.	To be completed by May, 2012	Environmental clearence from MoEF pending.
				5164.00					

NUMALIGARH REFINERY LIMITED (NRL) **Rs. in crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2011-12 (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	Siliguri Marketing Terminal Project	To provide a smooth, reliable and economical mode of product evacuation from Numaligarh Refinery to Siliguri.	--	0.00	--	(a) Pipeline with capacity to transport 1.721 MMTPA of White Oil (MS, HSD & SKO) would ensure a reliable mode product evacuation from Numaligarh Refinery (b) Alternative to existing mode of product evacuation by rail. (c) Savings in freight cost.	For the purpose of reducing freight cost and ensuring reliable mode of product transportation, NRL had signed an agreement with M/s Oil India Limited for transporting products by a new pipeline from Numaligarh to Siliguri. The pipeline has been implemented by M/s OIL and NRL has implemented the receiving and onward despatch Marketing Terminal at Siliguri.	Both the product pipeline from Numaligarh to Siliguri constructed by M/s OIL and the Marketing Terminal at Siliguri constructed by NRL have been completed. The Siliguri Marketing Terminal is in operation since May 2009.	--

NUMALIGARH REFINERY LIMITED (NRL) **Rs. in crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2011-12 (BE) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
2	Diesel Quality Upgradation Project	To comply with requirements of the 'Auto Fuel Policy' for production of Euro-III and Euro-IV HSD.	--	19.50	--	Production of Euro- III and Euro-IV HSD at 100% capacity utilisation of the refinery.	NRL has been producing HSD conforming to BS-II and Euro-III specification with the original configuration upto 90% capacity utilization of the refinery. In order to produce Euro-III and Euro-IV HSD at rated capacity, the Diesel Quality Upgradation Project has being implemented by NRL.	NRL's Diesel Quality Upgrdation Project has been completed during 1st quarter of 2010-11.	--

NUMALIGARH REFINERY LIMITED (NRL) **Rs. in crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2011-12 (BE) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
3	Wax Project (Line Entry)	Production of high value Paraffin and Microcyrstalline Wax	--	32.97	--	Would add value to the product slate of NRL.	The Wax Project will be a value added project and would add value to the Company's product slate.	The Wax Project has been approved for implementation in June' 2010. Process Licensors have been selected. EPCM consultant is being appointed. The project is targeted for completion by Dec'2010.	--
B)	New Schemes								
4	Euro-IV MS/HSD Production	For production of Euro-IV grade Auto Fuels in NRL on a sustained basis	--	5.00	--	--	--	The scheme is a "Line-Entry" in the XI th Five Year Plan outlay of NRL.	--

NUMALIGARH REFINERY LIMITED (NRL) **Rs. in crore**

SL. No.	Name of Scheme/Prog-ramme	Objective Outcome	Outlay 2011-12 (BE) Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Res-ources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
C)	Participation in Joint Ventures								
i	M/s Brahmaputra Cracker & Polymer Ltd. [Assam Gas Cracker Project]	Earning through dividend and sale of surplus Naphtha after completion of the project.	--	43.00	--	Earning through dividend after commissioning of the project. Apart from equity contribution, NRL has committed to supply around 160 TMTPA of petrochemical grade naphtha as feed to the proposed Gas Cracker project.	A joint venture company M/s Brahmaputra Cracker & Polymer Ltd. (BCPL) incorporated on 08.01.07 with equity participation from M/s GAIL (70%), M/s OIL (10%), NRL (10%), Govt. of Assam (10%)is implementing the Project . NRL's equity contribution is estimated at Rs. 110 crores and this amount has been earmarked for the Project in the XI th Five Year Plan outlay. Upto 31.12.2010, NRL had contributed Rs. 55.35 crores towards equity in the joint venture project. The project is scheduled for completion by April 2012.		
ii	M/s DNP Ltd. (Natural Gas Pipeline Project from Duliajan to Numaligarh)	Implementation of the project would lead to substitution of Naphtha by Natural Gas as feed and fuel in Numaligarh Refinery and is expected to improve NRL's refining margin.	--	0.00	--	Earnings through dividends and redemption of generated Carbon Credits after commissioning of the pipeline besides improvement in refinery margin.	NRL has signed an agreement with M/s Assam Gas Company Limited (AGCL) for transportation of natural gas from Duliajan to Numaligarh through a new pipeline. A joint venture company M/s DNP Ltd. incorporated on 15.06.07 is implementing the pipeline project. Equity structure of the joint venture company is: M/s AGCL (51%), NRL (26%) & M/s OIL (23%). NRL has contributed its entire equity amounting to Rs. 35.08 crores in the project. The Natural Gas Pipeline Project is expected to be completed during the 4th quarter of 2010-11.		
	Total			**100.47**					

BALMER LAWRIE & CO. LTD.

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2011-12 Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Resources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
1	Engineering								
a	Infrastructure for Exports/ Imports/ Container Freight Stations	Increased Capacity/ Improved Customer satisfaction		24.50		New CFS/Multi-modal Logistics Hub. Expansion/ upgradation of warehousing facilities at Kolkata. Expansion of facilities at Mumbai.	Increased thruput for import/ export containers.	18-24 months from the date of all approvals/ acquisition of land. Nine months from the date of approval. Expected implementation by 30.9.12. 40% completion by 31.3.2012	Acquisition of land and selection of strategic partner. NOC from Kolkata Port and approval of Kolkata Municipal Corporation. Obtaining clearances from all concerned authorities.
b	Lube based Packaging Products	Geographic expansion/ Capacity consolidation		5.00		Upgradation/ modernisation of facilities / setting up of a high throughput plant.	Improved customer satisfaction/ Increased Capacity.	Implementation by 31.3.2012. Part expenditure in process for setting up of the facilities within 18 months of receiving approvals.	Normal business risk.

BALMER LAWRIE & CO. LTD.

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2011-12 Non Plan Budget	Plan Budget	Complimentary Extra-Budgetary Resources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
c	Leather Chemicals/ Auxiliaries/ Finishing Chemicals/ Construction Chemicals	Expansion of product busket		1.00		Organic/ Inorganic growth in construction chemicals.	Increased product range.	Launching of construction chemicals on commercial scale by 30.6.2011.	Normal business risk.
d	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		10.00		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 30.09.2011.	Reaching agreement with suitable partners.
e	Lube Re-refining/ Blending Plant and Industrial Lubricants/ Greases	Capacity Consolidation		10.00		Consolidation of capacity in the Western Region.	-do-	Implementation by 31.12.2011.	Reaching agreement with all the stake holders.

BALMER LAWRIE & CO. LTD.

SL. No.	Name of Scheme/Programme	Objective/ Outcome	Outlay 2011-12 Non Plan Budget	Outlay 2011-12 Plan Budget	Outlay 2011-12 Complimentary Extra-Budgetary Resources	Quantifiable Deliverables/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
f	ERP Implementation	Initiatives towards enhanced information technology		5.00		Technology enablement to manage the operations and get competitive advantage over the competetitors	Improved business competetivies.	Part expenditure is towards identification of the Software Packages by 31.3.2012	Normal business risk.
g	Others	Additions, alterations, renewals & replacement		4.50		Augmentation & balancing of various capacities including IT infrastructure.		By 31.3.2012	Normal business risk.
				60.00					

Annexure II-B
(Plan)

BIECCO LAWRIE LIMITED **Rs. 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/ Physical Outputs	Projected outcomes	Processes/ Timelines	Remarks/Risk Factors
1	Engineering	Augmentation and modernization of power distribution infrastructure and electrification through private and public participation under the APDRP and AREP schemes of Government	2.04	8	--	1. Increase in modern Swichgear Plant capacity from 1375 no to 1454 no panels p.a. 2. Addition to more Switchgear variants in the product range.	12% Increase in turnover over the previous year i.e. 2011-12	Investment in 1st Quarter of 2011-12 will yield results from last qtr 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 are on offer under ninth round of NELP. Under NELP, 90 oil and gas discoveries in 26 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 from NELP block, KG-DWN-98/3 in Krishna-Godavari (KG) basin, which has significant contribution towards hydrocarbon security for the country. The current natural gas production from this deepwater block KG-DWN-98/3 is about 52 MMSCMD and crude oil production is about 20,830 barrels per day.

In ninth round of NELP, Government of India has offered 34 exploration blocks comprising of 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 block-wise details are as under:

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. Technically technically competent companies are operating the blocks. 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 were 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 gas production is about 1lakh cubic metres per day.

Refining Capacity

Out of the 20 refineries operating in the country, 17 are in public sector and 3 are in private sector with total refining capacity of 184.386 MMTPA. Out of the 17 Public Sector refineries, 8 are owned by Indian Oil Corporation Limited (IOCL), 2 each by Chennai Petroleum Corporation Limited (a subsidiary of IOCL), Hindustan Petroleum Corporation Limited (HPCL), Bharat Petroleum Corporation Limited (BPCL) and Oil and Natural Gas Corporation Limited and one by Numaligarh Refinery Limited (a subsidiary of BPCL). The private sector refineries belong to Reliance Industries Limited and Essar Oil Limited.

Installed capacity

Out of total refining capacity of 184.386 MMT, 113.886 MMT is in the public sector 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. During 2009-10, the country exported total 50.97 MMT of petroleum products valuing Rs.2,65,095 crore.

Capacity Addition in XIth Plan

The addition to the refining capacity during the current Five Year Plan is expected to be of the order of 39.346 MMTPA in the public sector and 13.50 MMTPA in private sector, making the total capacity expansion upto 53.446 MMTPA. Considering the projects under implementation and the projects at various stages, the refining capacity in India is envisaged to go upto 237.832 MMTPA during the 11th Plan.

National Auto Fuel Policy – Introduction of BS III and BS IV

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 and BS-III in the rest of the country effective from 1.4.2010. Accordingly, supply of BS-IV Petrol & Diesel was commenced on a single day, i.e., on 1st April, 2010, in the 13 identified cities as per the roadmap laid down in Auto Fuel Policy. However, due to significant increase in the demand for auto fuels, supply-side constraints and critical logistic issues including movement of products in large quantities, it was decided by the Government to stagger the introduction of BS-III Petrol and Diesel in rest of the country between 1st April, 2010 and 1st October, 2010. Accordingly, BS-III auto fuels were introduced in the entire country (other than 13 cities), between 1st April, 2010 and 22nd September, 2010.

Issues relating to pricing and taxation of petroleum products

A. Recent pricing reforms undertaken by the Government

The Government had constituted an Expert Group under the Chairmanship of Dr. Kirit S. Parikh to examine the current pricing policy of the four sensitive petroleum products namely Petrol, Diesel, PDS Kerosene and Domestic LPG and to advise on a viable and sustainable system of pricing petroleum products. The Committee had submitted its report on 3rd February 2010. Based on the recommendations of the Expert Group and decisions taken in the meeting of the Empowered Group of Ministers (EGoM) on 25.06.2010, the Government decided the following :

- The price of Petrol, both at the Refinery Gate and the Retail level, will be made market determined.
- The price of Diesel will also be made market determined, both at the Refinery Gate and at the Retail level. However, for the present, the retail selling price (RSP) of Diesel will be increased by 2/litre at Delhi with corresponding increases in the rest of the country.
- The RSPs of PDS Kerosene and Domestic LPG will be increased by Rs. 3/litre and 35/cylinder at Delhi with corresponding increases in the rest of the country.

The above decisions of the Government were implemented w.e.f. 26th June 2010.

The primary objective behind the pricing reforms undertaken by the Government were:

(i) The growing imperative for restoring fiscal balance of Government's budget, which is critical for long-term growth and stability of the country;

(ii) The need for reducing the subsidy burden on certain petroleum products in order to allocate more funds to social sector schemes such as health, education and food security; and

(iii) Improving the financial health of the Public Sector Oil Marketing Companies (OMCs) who are instrumental in maintaining the country's energy security.

However, to protect the interest of the common man, against abnormally high and volatile prices, Government has also decided that in case of a high rise and volatility in the international oil

prices, Government will suitably intervene in the pricing of these products.

Post de-control of the price of Petrol effective from 26th June 2010, the Oil Marketing Companies (OMCs) are now free to fix the retail selling price of Petrol on the basis of international prices, market conditions and commercial considerations.

B. Under-Recoveries of Public Sector Oil Marketing Companies (OMCs)

Around three-fourths 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.

International prices of crude oil and petroleum products have remained highly volatile in the recent past. The crude prices have been steadily increasing since December'08 when it reached its lowest rate at $35.83 per barrel on 24th December 2008, 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 2009-10 was $69.76 per barrel and is $79.35 per barrel as on 31st December 2010.

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 by all the stakeholders; namely the Government, the Public Sector Oil Companies and the consumers in the following manner:

- Government through issue of Oil Bonds/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 2009-10 and for the first nine months of the financial year 2010-11, the OMCs have incurred under-recoveries of Rs. 46,051 crore and Rs. 46,962 crore respectively on sensitive petroleum products i.e Petrol, Diesel, PDS Kerosene and Domestic LPG. The details of under-recoveries of OMCs compensated by the Government and upstream oil companies are given below:

(Crore)

Item	2009-10 (Actual)	2010-11 (April-December' 10)
Total Under-Recovery	46,051	46,962@
Budgetary Support(% share)	26,000(57%)	13,000*(28%)
Upstream assistance(% share)	14,430(31%)	15,655(33%)
Balance (% share)	5,621#(12%)	18,307**(39%)

@Under recovery on Petrol is upto 25th June, 2010, when it was decontrolled.
* Confirmed by Ministry of Finance so far.
** Unmet gap.
Borne by OMCs.

These under-recoveries adversely impacted the financial health of the OMCs. As a result, OMCs reported a combined meager profit of Rs. 2,535 crore in the first half of 2010-11.

Budget 2010-11

In the Budget 2010-11, the Customs Duty has been restored on Crude Oil from Nil to 5%, increased on Petrol & Diesel from 2.5%, to 7.5% and from 5% to 10% on other specified petroleum products. The Excise Duty on Petrol and Diesel was also increased by Re.1 per litre.

Sanction of Budgetary Support: 2009-10 and Apr-Sept'10

The Government has so far conveyed approval of Budgetary support of Rs. 13,000 crore as the share of the Government towards the under-recoveries on sensitive petroleum products for 2010-11. Budgetary support of Rs. 26,000 crore was provided to the OMCs during the financial year 2009-10 for their under recoveries on sensitive petroleum products.

PDS Kerosene and Domestic LPG Subsidy Scheme, 2002

The budgetary provision for subsidy claims under the 'PDS Kerosene and Domestic LPG Subsidy Scheme, 2002' for the period 2009-10 to 2011-12 and the actual expenditure for the period 2009-10 and 2010-11 i.e April'10 to December, 2010 is as under:

Rs. In Crore

2009-10			2010-11			2011-12
BE	RE	Actual	BE	RE	(April-Dec. 2010	BE
2840	2769.99	2769.98	2900	2900	1854.36	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 2009-10 to 2011-12 and the actual expenditure for the period 2009-10 and 2010-11 i.e April, 2010 to December, 2010 is as under :

Rs. In Crore

2009-10			2010-11			2011-12
BE	RE	Actual	BE	RE	(April-Dec. 2010	BE
26	24	21.95	25	25	14.49	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 Rs. 2400 crore and crude oil cost of approximately Rs. 9000 crore (calculated at an average crude oil cost of US$ 55/bbl and exchange rate of 1US$ = Rs. 44/- as estimated in September 2005). The facility at Visakhapatnam is likely to be completed by January 2012, followed by Mangalore in end 2012 and Padur in the middle of 2013.

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. The total project progress was 64.2% as on 30.11.2010. Mechanical completion of the project is expected by October 2011.

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 tender for aboveground process facilities are under finalization. The total project progress was 30.3% as on 30.11.2010. Mechanical completion of the project is expected by November 2012.

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. Acquisition proceedings for Government land are in progress. Environmental clearances have been received and the underground civil works were awarded to successful bidders on 29.12.2010 and the construction activities have since commenced. As land was handed over on 29.5.2010, this date has been made the Zero date for start of construction activities. Land Acquisition Officer for acquisition of Right of User for Mangalore-Padur pipeline has been notified and 3 (1) notification is being issued by Ministry. Engineers India Limited has been engaged as the Project Management Consultant. The total project

progress was 21.8% as on 30.11.2010. Mechanical completion of the project is expected by May 2013.

Targeted Physical Progress as of 31.3.2011 and as of 31.3.2012 is given in the table below:

Sl. No.	Details	Visakhapatnam	Mangalore	Padur
1.	Cumulative targeted physical progress as of 31.3.2011	72.9%	37.2%	26%
2.	Cumulative targeted physical progress as of 31.3.2012 (i.e. for the year 2011-12)	100.0%	67.2%	56%

ETHANOL BLENDED PETROL PROGRAMME

Ministry of Petroleum & Natural Gas vide its notification dated 20th September, 2006 has 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 entire country except 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 at desired level. Against the requirement of 180 crore litres of ethanol for blending 5% ethanol with petrol during the year 2006-09, the Oil Marketing Companies (OMCs) could contract for 146.6 crore litres of ethanol, and the actual procurement was 58.70 crore litres only. In the year 2009-10, the shortfall was more pronounced at 85% of the prorated quantity.

To give fillip to the EBP programme the Government has taken decision on 16.8.2010 and issued guidelines for its implementation effectively. As per the decision, 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 based on the recommendations of the expert committee constituted for determining formula/ principles for pricing of ethanol. It has been decided that at this declared price, 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 the OMCs are in the process of implementing the decision of the Government accordingly. Accordingly, procurement has started and supply of EBP has commenced since November 2010.

A Working Group of Officers has been constituted from amongst the officers of Ministry of Food, MoPNG and representatives of oil industry and sugar industry for allocation of ethanol quantities, ascertaining the availability of ethanol and recommending the blend percentage in the States and UTs up to a limit of 10% as per the decisions of CCEA.

An Expert Committee has also been constituted under the chairmanship of Dr. Saumitra

Chaudhury, Member, Planning Commission, which will propose the formula/ principles of pricing, which would be transparent and take into account the dynamics of pricing of sugar cane and petroleum products, so that it could be applied in future as well. The recommendations of the Committee would be submitted to the National Bio-fuel Steering Committee constituted under the National Policy on Bio-fuels and the final price so determined would be decided by the National Bio-fuel Coordination Committee headed by the Prime Minister.

BIO-DIESEL

The National Policy on Bio-fuels has been notified by the Government in December, 2009, which has laid down detailed guidelines about introduction of bio-fuel including bio-ethanol and bio-diesel made from Jatropha.

The Ministry of Petroleum and Natural Gas 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.

The bio-diesel industry is still at nascent stage of growth. Since Bio-diesel was not available at the declared price by OMCs, blending of bio-diesel with High Speed Diesel could not be set in motion.

LNG import

Petronet LNG Limited (PLL) signed a contract with RasGas, Qatar in July 1999 for import of 7.5 million metric tonnes per annum (mmtpa) Liquefied Natural Gas (LNG) for a period of 25 years. As per the contract, supply of 5 mmtpa LNG commenced in 2004 and the supply of balance 2.5 mmtpa LNG commenced in January 2010. In addition to the above term-contracts, LNG is also being sourced from spot market by PLL and Hazira LNG Private Ltd. (HLPL). During 2009-10, about 8.83 mmt LNG was imported, which is equivalent to about 31 mmscmd of Regasified LNG. Out of total LNG import of 8.83 mmt during 2008-09, the share of HLPL is about 1.40 mmt.

In order to handle increased LNG import, additional infrastructure is being created in the country. PLL's Dahej LNG terminal has been expanded from the current 5 million tonne per annum (mmtpa) capacity to 10 mmtpa capacity. Dabhol LNG terminal is expected to be completed by 2011. The terminal will, however, become fully operational only after completion of breakwater facilities in 2013. PLL is setting up an LNG terminal at Kochi which is planned to be commissioned in 2011-12.

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.

Customers in the North East Region are supplied APM gas with a subsidy of 40% through

Government budget. In the year 2009-10, Rs. 159.23 crore was paid under the Scheme. In the year 2010-11, there would be a substantial increase in expenditure under the Scheme on account of the price increase of APM gas.

Production from KG D6 has started from April 2009. 63.309 million standard cubic meters per day (mmscmd) of KGD6 gas has been allotted to various priority sectors. Out of this, power, fertilizers, City Gas Distribution (CGD) & LPG Plants have been allocated 32.677mmscmd, 15.708 mmscmd, 1.222 mmscmd & 2.594 mmscmd respectively, which adds up to over 80% of the total firm allocation.

BIOMETRIC SMART CARD BASED SOLUTION OF PDS SKO AND DOMESTIC LPG DISTRIBUTION

In order to contain the menace of diversion/black marketing of Superior Kerosene Oil (SKO) distributed under the Public Distribution System (PDS) and to ensure that the PDS SKO reaches the bona fide beneficiaries a pilot project on biometric Smart Card based solution for distribution of domestic LPG and PDS SKO has been launched in the State of Andhra Pradesh in coordination with the Unique Identification Authority of India (UIDAI), the Oil Marketing Companies (OMCs) in the Public Sector and the State Government. In this regard, the Ministry of Petroleum & Natural Gas has signed an Memorandum of Understanding (MOU) with the Unique Identification Authority of India (UIDAI). It is envisioned that once a beneficiary is allotted Aadhar (UID) number after collection of his biometric details, distribution of subsidized petroleum products i.e. PDS SKO & LPG would be made only after authentication of the biometric details of the beneficiary. This will prevent intrusion of any unauthorized person in the channel of distribution, which in turn will ensure delivery to the entitled persons alone. Funding of the pilot project is through Oil Industry Development Board (OIDB).

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 Rai 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 Rajiv Gandhi Institute of Petroleum Technology Bill, 2007 was passed by the Rajya Sabha on 30.11.2007 and by the Lok Sabha on 4.12.2007. Subsequently, the Bill received the assent of the President of India on 20.12.2007. After the assent of the President of India on 20.12.2007, the Rajiv Gandhi Institute of Petroleum Technology Act, 2007 was published in the Gazette of India, Extraordinary, Part II, Section I on 20.12.2007. Subsequently as per Notification published in the Extraordinary Gazette of India Part II, Section 3, Sub-section (ii) on 28.5.2008, the Central Government appointed the 1st day of June, 2008 as the date from which the provisions of the RGIPT Act, have come into force. The First Statutes of RGIPT Act, 2007 have been framed by the Central Government and published in the Gazette vide G.S.R. No.149, Part II, Section 3, Sub Section (i) dated 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 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 is effected to 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 Rs. 695.58 crore, comprising total capital expenditure of Rs.435.00 crore and total recurring expenditure of Rs. 260.58 crore. Of the total capital expenditure, Rs. 150.00 crore will be borne by the Oil Industry Development Board (OIDB). The remainder (Rs.285.00 crore) will be met from budgetary support during the 11th Plan. The total estimated recurring expenditure of Rs.260.58 crore is proposed to be met from the interest accruing on Endowment Fund of Rs. 250.00 crore which has been created with the contribution of Oil Public Sector Undertakings (PSUs), and from the amount raised by the Institute through student fees, donations and other earnings of the Institute through Research & Development, consultancies, students' placement fees, etc. The RGIPT's capital expenditure for the year 2010-11 is Rs.250 crore.

The construction of the main campus at Jais, Rae Bareli on the 47.8 acres of land in possession of RGIPT has already started, and after soil investigation of the land, the boundary wall is nearing completion. For the purpose of finding additional land for the RGIPT Campus, efforts are being made by RGIPT as well as District Magistrate, Rae Bareli to find out non-agriculture land in the vicinity of the RGIPT.

As per the provision of Clause 10 (4) of RGIPT Act, 2007 the Board of RGIPT in its meeting held on 28.01.2009 has approved, in principle, the proposal of setting up of a Centre of RGIPT in the state of Assam. On 27.08.2009, this Ministry has approved the Project Report for the Assam Centre of RGIPT. In the meeting held on 24.09.2009, it has been decided that the expenditure amounting to Rs.330 crore for the setting up of Assam Centre of RGIPT will be borne by Oil Industry Development Board (OIDB) and promoting oil PSUs viz. Oil & Natural Gas Corporation (ONGC), Oil India Limited (OIL), Indian Oil Corporation (IOC), Gas Authority India Limited (GAIL), Numaligarh Refinery (NRL) & Engineers India Limited (EIL).

The Government of Assam has allotted 100 (one hundred) acres of land at Village Gohain Gaon, Distt. Sibasagar to RGIPT for setting up the Centre. EIL has been engaged as the Project Management Consultant for the construction of the campus at Sibasagar. The master plan for the campus has been finalized and the concept drawings, floor plans are under finalization. Tender for

land survey work/ soil investigation work has been awarded and the work is in progress. Tenders for the civil and structural work are in the final stages and, expected to be floated during January, 2011.

Petroleum & Natural Gas Regulatory Board (PNGRB)

The Petroleum & Natural Gas Regulatory Board (PNGRB) Act, 2006 was notified by the Government on 3.4.2006 and the Board has since been set up. The Chairman and 3 other Members joined the Board in June, 2007.

The Act, inter-alia provides for a legal framework for downstream sector regulations, as also for development of natural gas pipelines and city/local gas distribution network.

Regulatory mechanism is expected to permit and encourage market forces to enhance competition and produce a more competitive and efficient industry structure. Natural gas pipelines and city gas distribution lines, being part of the backbone infrastructure of the economy, need a robust regulatory framework in order to curb monopolistic tendencies among the owners while ensuring a fair price to consumers and fair return to the owners/producers.

The Central Government has also brought into force the provisions of the PNGRB Act w.e.f. 1st October, 2007.

SL. NO.	BASIN	BLOCK NAME	AREA (SQ.KM)	Location	
DEEP WATER BLOCKS					
1	GUJARAT- SAURASHTRA	GS-DWN-2010/1	8255	WESTERN OFFSHORE	
2	MUMBAI	MB-DWN-2010/1	7963		
3		MB-DWN-2010/2	7063		
4	KERALA-KONKAN	KKDWN-2010/1	10019		
5	ANDAMAN	AN-DWN-2010/1	5901	EASTERN OFFSHORE	
6		AN-DWN-2010/2	4560		
7		AN-DWN-2010/3	9145		
8		AN-DWN-2010/4	4197		
SHALLOW WATER BLOCKS					
9	GUJARAT-KUTCH	GK-OSN-2010/1	1361	WESTERN OFFSHORE	
10		GK-OSN-2010/2	1625		
11	MUMBAI	MB-OSN-2010/1	2998		
12		MB-OSN-2010/2	3411		
13	KERLA-KONKAN	KK-OSN-2010/1	2004		
14		KK-OSN-2010/2	1860		
15		KK-OSN-2010/3	1874		
ONLAND BLOCKS		Block Name	Area (Sq. Km.)	State	District
16	ASSAM-ARAKAN	AA-ONN-2010/1	401	TRIPURA	WEST TRIPURA , SOUTH TRIPURA
17		AA-ONN-2010/2	396	ASSAM	KARBI ANGLONG , DIPHU
18		AA-ONN-2010/3	171	ASSAM	DHEMAJI, TINSUKIA
19	VINDHYAN	VN-ONN-2010/1	3776	MADHYA PRADESH	PANNA, REWA

20	VINDHYAN	VN-ONN-2010/2	4909	MADHYA PRADESH	PANNA, REWA
21	GANGA	GV-ONN-2010/1	3025	UTTAR PRADESH	SHAHJAHANPUR, BAREILLY
22	RAJASTHAN	RJ-ONN-2010/1	480	RAJASTHAN	JAISALMER ,BARMER
23		RJ-ONN-2010/2	535	RAJASTHAN	JAISALMER ,BARMER
24	CAMBAY	CB-ONN-2010/1	782	GUJARAT	BANASKANTHA, PATAN
25		CB-ONN-2010/2	943	GUJARAT	BANASKANTHA, PATAN
26		CB-ONN-2010/3	534	GUJARAT	BANASKANTHA, PATAN
27		CB-ONN-2010/4*	61	GUJARAT	PATAN, MEHASANA
28		CB-ONN-2010/5*	49	GUJARAT	PATAN, MEHASANA
29		CB-ONN-2010/6*	39	GUJARAT	MEHASANA, GANDHINAGAR
30		CB-ONN-2010/7*	55	GUJARAT	GANDHINAGAR, AHMEDABAD
31		CB-ONN-2010/8*	42	GUJARAT	AHMEDABAD, KHEDA
32		CB-ONN-2010/9*	120	GUJARAT	MEHASANA, AHMEDABAD
33		CB-ONN-2010/10*	122	GUJARAT	AHMEDABAD, ANAND
34		CB-ONN-2010/11*	131	GUJARAT	AHMEDABAD, ANAND

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 1 and II.

2. 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.

3. Statement-II contains details of physical and financial progress of various projects costing Rs.100 crore and above. There are 140 major projects costing Rs.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 140 projects, OVL and ONGC have 33 projects each followed by IOCL (21), GAIL (12), HPCL (11), CPCL (9), BPCL (8), OIL (6), NRL (4) and MRPL (3).

4. 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 of 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.

5. 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 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 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2010			
1	2	3	4	5	6	7	8	9	10	11	12
1.	IOR, Kalol	Incremental production of 2.65 MMT of oil & 0.46 BCM of gas by 2019-20	31.03.07	20.07.10	100.00%	9967 (14.08.00)	99.67	83.11(83.38%)	28 Months	Delay in tendering, supply of HP Compressor and successful test run	NOA issued on 24.12.07. Continued management review and project was completed on 20.07.10.
2.	Upgradatior of Desalter at Nawagam. Ahmedabad	Project envisages improving the quality of crude from North Gujarat by removing excess water and salinity.	14.02.10	31.03.11	99%	56.66 (17.10.07)	56.66	32.62 (57.57%)	13 Months	Delay due to not obtaining the desired output parameter.	Physical progress completed, output parameter is not yet stabilised for which OEM vendor is consulting experts.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - I

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES 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 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2010			
1	2	3	4	5	6	7	8	9	10	11	12
3	Two Pipeline. Ankteswar	Laving of two segments of pipelines ; one 8" dia (44.2 kms) and another 10" dia (65.4 kms)	28.02.10	11.05.11	90.01%	82.36 (28.06.08)	82.36	52.62 (63.89%)	15 Months	Delay due to ROU issues.	10" Pipeline completed and handed over for use. Laying of 8" partially completed balance dependant on resolving (he ROU issue (Negotiation in progress).
4	Creation of surface facilities at Cauvery Asset	Construction *of 2* storage tanks at Narimanam GGS, 4 storage tanks at Adyakamanglalam GGS and fire fighting facilities at 3 locations; KMP GGS. AKM GGS & NRMGGS)	02.07.11	02.07.11	30.16%	52.72 (17.12.08)	52.72	0.43 (0.82%)	Nil	NA	Design engineering procurement and a fabrication in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - I

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES 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 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2010			
1	2	3	4	5	6	7	8	9	10	11	12
5	Storage Tank Construction at Mehsana	Construction of 1 1 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	18.35%	77.78 (01.02.10)	77.78	1.46 (1.88%)	Nil	NA	Design engineering and civil works in progress.

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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/ Commission-ing	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2010 (Provisional)			
1	2	3	4	5	6	7	8	9	10	11	12
1	IOR, Lakwa-Lakhmani	Incremental production of 4.94 MMT oil and 0.75 BCM gas by 2019-20,	31.03.07	31.03.10 31.03.14	88.00%	345.10 (26.09.01)	429.38(12.04.06) 663.69(26.11.10)	552.27 (83.21%)	Nil	NA	Facility is complete. Drilling of 44 wells completed out of teh 51 planned wells. Drilling in progress
2	IOR, Geleki	Incremental production of 3.944 MMT oil and 0.937 BCM gas by 2019-20.	31.03.07	31.03.11 31.03.17	72.70%	390.09 (26.09.01)	834.90(26.10.05) 1674.11(26.11.10)	1138.77 (68.02%)	Nil	NA	Gas Comp-ressor package a complete. Effluent raiment Plant is to be taken up with Assam enewal Project-II. Driling ol 55 wells completed out of the 72 planned wells Driling in progress

OIL AND NATURAL GAS CORPORATION LIMITED

Statement - II

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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/ Commission-ing	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval) if any	Cumulative Financial Progress upto 31.12.2010 (Provisional)			
1	2	3	4	5	6	7	8	9	10	11	12
3	IOR, Rudrasagar	Incremental production of 1.38 MMT oil and 0.16 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)	198.22 (45.17%)	Nil	NA	Facility is complete. Drilling of 9 wells completed out of the 26 planned wells. Drilling in progress
4	Inlegratod Development 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	84.80%	429.82 (22.04.03)	1262.93(26.03.04) 2218.01(30.06.10)	1237.61 (55.8%)	Nil	NA	The he LSTK work awarded earlier to M/s CEL Australia *is* baing taken up after the contract was terminated and prolonged legal battle followed by Settlement Agreement". Drilling of wells completed. completion of two wells finished.

OIL AND NATURAL GAS CORPORATION LIMITED

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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1	2	3	4	5	6	7	8	9	10	11	12
5	C2-C3 & LPG Recovery from LNG, Dahej	Set up *a* C2-C3 & LPG recovery plant of 5 MMTPA capacity	31.05.08	31.07.10 15.02.11 (Ant.)	98.45%	900.92 (29.12.03)	1493.49(14.05.04) 976.08(27.11.09)	738.32 (75.64%)	6.5 months	The creation of off-take facilities which were earlier not part of the project had to be created as the Plants supposed to consume the products did not come up as per schedule	The C2 Pipeline is mechani-cally complete, creation of road loading facility Is in final stage of completion
6	Development of C series Fields	Gas Production of 15.14 BCM and 6.13 MMm3 of condensale by 2023-24	31.12.08 (Ph 1)	31.03.11 (Ph 1)	85.90%	3195.16 (08.08.06)	--	2520.63 (78.89%)	27 months	Two decks of C-39-1 & C-22 Platforms sunk into international waters on 3-2-08 during transportation from Abu Dhabi to Mumbai offshore which had to be refabricatd. Drilling of wells is slow compard to plan.	Well platforms commissioned and 7 wells completed. further drilling of wells in progress.
7	Heera and South Heera redevelopment project	Production of 10.865 MMT of oil and 2.265 BCM of Gas by 2029-30	30.6.10	31.03.11 (Ant.)	82.76%	2305.30 (06.09.06)	--	2061.16 (89.4%)	9 months	Slow progress in fabrication and installation of well platforms by the contractor.	Well platforms commissioned and 20 wells completed. further drilling of wells in progress.

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1	2	3	4	5	6	7	8	9	10	11	12
8	Construction of new proces complex MHN in place of old BHN In Mumbai High North Field	Process platform for processing well fluids with accommodation module, Process Gas Compressor and associated pipelines	31.05.10	15.5.12	44.80%	2853.29 (30.01.07)	6326.40 (23.7.09)	1803.99 (28.52%)	Nil	N A	Work on Process platfoim. Process gas Compressor and associated pipelines in progress
9	Development of B-22 Cluster Fields	Production of 2.46 MMT of Oil , 1.13 MMT of condensale and 6.56 BCM of gas by 2019-20	30.09.10	15.3.12	51.37%	2323.40 (30.01.07)	2920.82 (28.8.09)	356.64 (12.21%)	Nil	N A	Work on well platforms in progress.
10	Offshore Grid interconnectivity Project (OGIP)	Installation of 81 Electrical submersible pumps on 81 walls In Mumbai High spread at 26 well head platforms with power grid connectivity	31.03.12	31.03.12	56.16%	740.02 (30.1.07)	--	411.41 (55.59%)	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 subsequently NaftoGaz India and NafloGaz of Ukraine had differences resulting in non-performance and delay	A high power committee was formed to look into the technical, financial and legal issues to complete the project at the earliest.

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1	2	3	4	5	6	7	8	9	10	11	12
11	Development of B-46 cluster fields	Development of four small *gas* fields N-W of Mumbai High Field and envisages production of 4 48 BCM of gas and 1.483 MMm3 of condensate from 2011-22	31.07.10	15.5.12	--	1436.21 (07-06-07)	1456.96 (28.10.10)	--	Nil	N A	The project execution is dependent on the the completion of new MHN Process complex. Hence, tendering for well platforms was carried out after award of work for new MHN Process complex.

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1	2	3	4	5	6	7	8	9	10	11	12
12	Development of B-193 cluster fields	Development of eight marginal fields, envisages production of 5.57 MMT of oil, 0.75 MMT of condensate and 5.12 BCM of gas in 15 years (2009.24)	31.08.10	15.03.12	14.97%	3248.78 (25.06.07)	5633.44 (28.08.09)	241.41 (4.29%)	Nil	N A	Work for project facility under two tenders (Process Platform & Well Platforms) has been awarded and one package is under tendering
13	Mumbai High South Redevelopment Ph - II	Incremental oil production of 20.7 MMT and 3.32 BCM of gas by 2029-30	31.05.10	31.05.13	80.62%	5713.07 (03.10.07)	8813.41 (05.05.09)	5528.52 (62.73%)	Nil	N A	Three well platform has been comm-issioned. One well platforms and one process platform under comm-issioning. 59 wells have be drilled.

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1	2	3	4	5	6	7	8	9	10	11	12
14	Assam Renewal Project (Group -A: Lakwa-lakhmani & Moran CTF)	Revamping of old and aging facilities of Assam	16.03.13	16.03.13	15.86%	2465.15 (05.03.09)	--	263.44 (10.68%)	Nil	N A	Work has been awarded for revamping activities. Civil works, construction and pipeline laying are in progress.
15	LP Gas processing and compression Project, Rajahmundry	Creation of processing & compression facilities for low pressure gas	31.10.09	31.03.11 (Ant.)	93.63%	142.00 (23.08.2007)	--	97.15 (68.4%)	17 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 are in progress.

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1	2	3	4	5	6	7	8	9	10	11	12
16	MNW-NF Bridge Project	Installation of MNW-NF Bridge	31.3.09	31.5.11(Ant)	78.90%	172.21 (03.05.08)	--	58.26 (33.25%)	26 months	Complications during installation of the tripod resulting in abandonment of the same in sea. Bridge design is being finalized.	Technical and commercial aspects of a proposal of a direct bridge is under con-sideration.
17	Revamping of WIN Platform	Revamping of facilities at WIN Platform	31.5.10	31.5.12(Ant)	--	333.40 (03.05.08)	--	3.01 (0.9%)	24 months	Original tender was cancelled due to high quoted price	Tender was re-invited on 10.7.10. Technical evaluation completed. NOA to be issued shortly.
18	Additional Gas processing facility at Hazira	Creation of additional processing facilities	30.4.11	31.7.12(Ant)	14.48%	370.11 (25.02.08)	--	17.75 (4.80%)	15 months	Award of work was delayed due to frequent queries by vendors.	LSTK work was awarded on 11.5.10. Progress 14.48%.

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1	2	3	4	5	6	7	8	9	10	11	12
19	Construction of 12 OSVs	Replacement of old OSVs	31.12.11	31.12.11	46.45%	736.65 (25.06.07)	--	180.09 (24.45%)	Nil	N A	Construction in progress. Progress 46.65%
20	Heera Reconstruction	Revamping / Replacement of processing equipment of Platforms of Heera field	30.04.10	30.04.11 (Ant.)	93.79%	475.02 (03.05.08)	706.7 (05.03.09)	515.98 (73.01%)	12 months	Work was awarded along with revamping work for Nelam with combined completion by Apr. 2011	Revamping work in progress. Progress - 93.79%
21	Neelam Reconstruction	Revamping / Replacement of processing equipment of Platforms of Neelam field	30.04.11	30.04.11	58.00%	305.08 (03.05.08)	--	95.92 (31.44%)	Nil	N A	Revamping work in progress. Progress 58%
22	Additional Gas Processing Facility at Uran	Creation of additional gas processing facilities	31.12.11	30.01.13 (Ant.)	2.55%	1797.35 (30.10.08)	--	9.78 (0.54%)	13 Months	Award of work was delayed due to frequent queries by vendors.	LSTK workw as awrded on 19.8.10. Progress 2.55%

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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1	2	3	4	5	6	7	8	9	10	11	12
23	Mumbai High North Redevelopment Ph-II	Incremental production of 17.35 MMT of Oil & 2.98 BCM Gas	30.09.12	30.09.12	30.78%	7133.39 (28.01.09)	--	1134.29 (15.9%)	Nil	NA	Work on well platforms and pipelines is in progress. 16 wells have been drilled.
24	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	28.50%	288.04 (28.07.08)	--	10.50 (3.65%)	Nil	NA	Manufacturing of pipelines and construction activities are in progress
25	Construction of six effiuent treatment plants (ETP), at Ahmedabad and Ankleshwar	Constuction of six effluent treatment Plants (ETP) at Ahmedabad and Ankleswar Assets	30.9.12	30.9.12	3.48%	317.64 (4.03.09)	--	--	Nil	NA	Work has been awarded planning package finalised. Engineering and procurement are in progress.

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1	2	3	4	5	6	7	8	9	10	11	12
26	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	--	132.73 (17.02.10)	--	--	Nil	N A	Work has been awarded. Planning package is under finalisation.
27	North Tapti Gas field Development	Gas Production of 4.116 BCM in 10 years	31.03.11	31.03.12	28.87%	589.70 (28.07.08)	755.76 (21.01.10)	139.20 (18.42%)	Nil	N A	Well platforms are under fabrication and transportation.
28	Additional Development of D1 field	Incremental crude Oil prdouction of 8.296 MMT by 2024-25	9.06.12	30.06.12	17.88%	2163.65 (21.01.10)	--	214.37 (9.9%)	Nil	N A	Well platforms are under fabrication and transportation.
29	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 yers	31.3.13	31.3.13	Pre-award activities in progress	3241.03 (25.3.10)	--	--	Nil	N A	Bid Package is under preparation.

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1	2	3	4	5	6	7	8	9	10	11	12
30	Developmet 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	Pre-award activities in progress	2523.00 (30.6.10)	--	--	Nil	N A	Pre-award activities in progress
31	Developmet of BHE and BH-35 Area	Production of 4.22 MMT of crude oil and condensate and 0.529 BCM of Gas over a period of 8 years	31.03.13	31.03.13	Pre-award activities in progress	372.11 (26.8.10)	--	--	Nil	N A	Pre-award activities in progress
32	Pipeline Replacement Project-2	Laying and commissioning of 44 pipeline segments of length 236.90 km.	15.05.11	15.05.11	89.36%	2553.28 (22.12.2007)	3796.21 (26.11.10)	3049.81 (80.34%)	Nil	N A	17 segment udner Ph-I and 15 segments under PH-II have been completed. 7 segments under Ph III have also been completed.
33	Construction of One Multipurpose Support Vessel	Construction of One Multipurpose Support vessel	31.03.13	31.03.13	--	723.64 (21.01.10)	--	--	Nil	N A	Bid Package is under approval.

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ONGC VIDESH LIMITED

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

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 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	Block 8, Iraq	Exploration Contract	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	Block 81-I, Libya	Exploration & Production under PSA	10.12.2005	--	--	25 (2.11.05)	29.5 (13.11.10)	92.26	Nil	NA	Block under relinquishment
3	RC-8 Colombia	Exploration	30.11.2007	Nov 29, 2012	2D Data acquisition, & processing of 4568 LKM completed. Interpretation in progress.	5.3	--	11.39	NA	NA	Entered in 2nd Phase.
4	RC-9 Colombia	Exploration	30.11.2007	Nov 29, 2012	2D Data acquisition, processing and interpre-tation of 720 SKM com-pleted.	5.3	--	17.21	NA	NA	Entered in 2nd Phase.

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ONGC VIDESH LIMITED

HYSICAL AND FINANCIAL PERFORMANCE OF VARIOUS PROJECTS/SCHEMES

COSTING UPTO RS. 100 CRORE

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 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
5	RC-10 Colombia	Exploration	30.11.2007	Nov 29,2012	2D Data acquisition and processing of 3750 LKM completed. Interpretation in progress.	5.3	--	18.00	NA	NA	Entered in 2nd Phase.
6	SSJN-7 Colombia	Exploration	June 2009	June 2015	--	23.4	--	3.64	Nil	NA	Identification of ethnic community in progress before data acquisition.

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ONGC VIDESH LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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			Original Date of Commission-ing/Approval	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	2	3	4	5	6	7	8	9	10	11	12
1	Block 06.1 Vietnam	Exploration & Production of Oil 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)	1,211.51	NA	NA	Phase-I Development is complete and project is currently under production. Gas Sales to Petro Vietnam started in Jan 2003. Phase-II Compressor Installed. Phase-III Lan-Do development is in progress.
2	GNOP, Sudan	-do-	12.03.03	Project is in production phase	Asset producing crude oil	750 (28.10.2002)	720 (20.11.2002)	8,083.92	Nil	NA	--

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PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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1	2	3	4	5	6	7	8	9	10	11	12
3	Sakhalin- 1 Project, 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 (15.01.2011)	2770 (28.2.05)	18,393.91	--	--	Completed Phase- 1 Chayvo. Odoptu FSP (First Stage Production) commissioned in Sept. 2010. Gas Sales to Domestic consumers started from Oct. 01,2005 Sale of Oil to domestic buyer started w.e.f 21st Oct 2005 and ended August 06. Enhanced oil production has commenced from Sept 2006 Oil export commenced from Oct. 2006.

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			Original Date of Commission-ing/Approval	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	2	3	4	5	6	7	8	9	10	11	12
4 & 5	Block A-1 Myanmar	Production of Gas from A1 & A3 Blocks and sending them to Myanmar - China gas pipeline for sale	1-05-13	--	11.6%	115.7 (Exploratory) + 564.06 (Dev)		434.43	Nil	Nil	
	Block A-3 Myanmar		1-05-13	--		DOA 2-3-2010		309.06	Nil	NA	
	Offshore mid-stream Pipeline, Pipeco-1, Myanmar		1-05-13	--		158.77		46.72	Nil	Nil	
	Onshore Mid-stream Pipeline, Pipeco-2, Myanmar		1-05-13	--	Major contract like Onhsore Pipeline & EPC under progress.	167.84		74.50	Nil	NA	
6	Al-Furat, Syria	Exploration and Produc-tion of Oil & Gas under PSA	31.01.2006	Projects is in production phase	Asset producing Crude Oil & Gas	219.92	219.92	535.72	Nil	Nil	Under Production

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PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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1	2	3	4	5	6	7	8	9	10	11	12
7	5A, Sudan	Exploration and Production of Oil & Gas under PSA	31.01.2006	Projects is in production phase	Asset producing Crude Oil	128 (28.8.03) Raised to 275 (13.09.05)	275 (13.9.05)	1,859.15	Nil	For development and to meet exploration expenditure	Under Production
8	MECL, Colombia	-do-	20.09.2006	Projects is in production phase	Block under exploration	437.5 (17.8.2006)	437.5 (17.8.2006)	3482.47	Nil	Nil	Under Production
9	NC 189 and 188 (Relinquished) Libya	-do-	Exploration compl. date 31.01.2003	Exploration phase	Block under exploration	48.38 (31.1.2003)	48.38	187.97	--	Delay in approval from Libyan Govt.	Under process of relinquishment.
10	Iran, Farsi Block	Exploration of Farsi Block 2D/3D API Drilling of 4 wells under exploration service contract ESC)	25.12.2002	MDP of Farzad-B gas field, Farsi block is under finalization	Processing / Reprocessing of 2200 LKM 2D data, aPI of 17000 LKM close grid 2D/ Equivalent 3D Data, Drilling of 4 Wells.	27 (14.5.02)	95 (21.5.10)	156.85	Nil	N/A	

STATEMENT - II

ONGC VIDESH LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	2	3	4	5	6	7	8	9	10	11	12
11	BC10, Brazil	Exploration and produc-tion of oil and gas	1.9.09 (1st oil)	12.7.09	Crude oil Prod in 9-10:0.192 MMT 10-11 Till Dec 0.452 MMT	165 (Acquisition) 245 (Project Investment)	548 (165 + Cash sink of 383) 30-11-09	2,619.52	NA	NA	Phase-1 Development Near completion (99.8%). Project is under development phase since 12.7.09. Phase-II Development in progrss & First oil scheduled for Oct. 2013.
12 &	Block 127 Vietnam	Exploration	24.5.2006	--	--	42	119.35	297.59	Nil	Nil	Under process of Relinquishment
13	Block 128 Vietnam	Exploration	24.5.2006	15.6.11	Blocks under exploration	31	85.98	208.38	Nil	Nil	Exploratory Phase-I

STATEMENT - II

ONGC VIDESH LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	2	3	4	5	6	7	8	9	10	11	12
14	Block 26 to 29 and 36, Cuba	-do-	1.1.2005	18.09.12	300 SKM of 3D Seismic API, 1500 SKM of PSDM and interpretation	32	60.81 (December 2010)	106.65	Expl Sub-period - IV extended from 18.12.08 to 18.9.09 and then 3 years ext-ension upto 18.9.12 granted with two wells commit ments.	Complication in rig mobilisation due to US Embargo.	Another rig compliant to Cuban conditions contracted by the Operator, Repsol.

STATEMENT - II

ONGC VIDESH LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	2	3	4	5	6	7	8	9	10	11	12
15	OPL 279 Nigeria	Explorution & Produclion of oil and gas under PSA	23/2/2007	22.02.12 (Last date Ph-I	Project under Implementation	44.63 (5.01.07)	195 (27.01.10)	631.04	Nil	NA	Exploratory Phase-I
16	OPL 285, Nigeria	Explorution & Produclion of oil and gas under PSA	23/2/2007	22.02.12 (Last date Ph-I	Project under Implementation	35.41 (5.01.07)	164 (27.01.10)	631.04	Nil	NA	Exploratory Phase-I
17	Block 43, Libya	Explorution & Produclion of oil and gas	17/4/2007	Exploration phase	Project under Implementation	75 (5.01.07)	75 (5.01.07)	171.04	Nil	NA	Exploratory Phase
18	NEMED, Egypt	Explorution & Produclion of oil and gas	26/6/2007	Development phase	Project under Implementation	380	380	962.32	Nil	NA	Discovered Gas-Not commercial under process of relinquishment
19	AD 2 Myanmar	Hydrocarbon exploration in Deep Waters of Myanmar West Coast	23.12.2007	Relinquished wef 22.12.2010	2D Seis-3986 G&M 3999	55 (26.3.07)	55	58.00	Nil	NA	All three blocks have been relinquished wef 22.12.2010. Awaiting approval from host country

STATEMENT - II

ONGC VIDESH LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	2	3	4	5	6	7	8	9	10	11	12
20	AD 3 Myanmar	Hydrocarbon exploration in Deep Waters of Myanmar West Coast	23.12.2007	Relinquished wef 22.12.2010	2D Seis-5023 G&M 5030	48 (26.3.07)	48	21.84	Nil	NA	All three blocks have been relinquished wef 22.12.2010. Awaiting approval from host country
21	AD 9 Myanmar	Hydrocarbon exploration in Deep Waters of Myanmar West Coast	23.12.2007	Relinquished wef 22.12.2010	2D Seis-3986 G&M 3890	48 (26.3.07)	48	17.71	Nil	NA	All three blocks have been relinquished wef 22.12.2010. Awaiting approval from host country
22	BM-ES-42 Brazil	Exploration Block	--	Exploration phase	Project under implementation	145 (7.07.08)	145 (7.07.08)	70.80	Nil	NA	Efforts for farm out in progress.
23	BM-S-73 Brazil	Exploration Block	--	Exploration phase	Project under implementation	137 (7.07.08)	137 (7.07.08)	29.69	Nil	NA	Survey completed. Drilling planned from March 2011 onwards.

STATEMENT - II

ONGC VIDESH LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	2	3	4	5	6	7	8	9	10	11	12
24	PIVSA Venezuela	Exploration & produciion of oil and gas under PSA	10.4.2008	Production phase	Producing Oil	356 (12.3.08)	356 (12.3.08)	1,049.20	Nil	NA	Producing oil
25	BM-BAR-1	Exploration Block	--	Exploration phase	Project under implementation	60 (22.1.09)	60 (22.1.09)	260.21	Nil	NA	Drilling plannd in 2011
26	BM-SEAL-4	Exploration Block	--	Exploration phase	Project under implementation	60 (14.1.10)	60 (14.1.10)	4.57	Nil	NA	Drilling plannd in 2011
27	Imperial Energy, Russia	Exploration & Production of oil and gas	13.1.2009 (Acquisition)	Producing asset	Production phase	3600 (26.8.2008)	3600	11,808.29	Nil	NA	Producing oil
28	CPO-S.Colorobia	Exploration & Production of oil and gas	27.12.2008	Exploration phase	Project under implementation	19	19	37.84	Nil	NA	Exploratory phase

STATEMENT - II

ONGC VIDESH LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	2	3	4	5	6	7	8	9	10	11	12
29	Block 24. Syria	Exploration & Production of oil and gas	29.5.04	Under exploratory/ exten ded production testing phase.	7 exploratory well in progress. Reprocessed 3150 LKM 2D and 697 SKM of 3D. API 767 SKM of 3D Data and 360 LKM 2D. Acquisition of 300 SKM 3D	4.95 (OVL share of minimum financial commit-ment and signature bonus)	49,17 for exploratory phase (19.4.10) 3.35 for development phase of2010 (15.09.10)	156.79	Nil	NA	Discoverd oil
30	North Ramadan Block 6, Egypt	Exploration & Production of oil and gas under PSA	Aug 2005	Relinquished	3 Exploratory wells. DVL share for API 205 SKM 3D and reprocessing and merging of vintage 3D Data	14.70 OVL share for minimum financial commit-ment for initial phase)	61.105 (28.5.09)	198.88	NA	NA	Discoverd oil Non commercial, Under process of Relinquishment

STATEMENT - II

ONGC VIDESH LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS/SCHEMES COSTING RS. 100 CRORE OR MORE

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 31.12.10	Original Cost cost in MMUSD (Date of Approval)	Revised Cost cost in MMUSD (Date of Approval)	Cumulative Financial Progress upto 31.12.10 in Rs./Cr. (Prov.)			
1	2	3	4	5	6	7	8	9	10	11	12
31	Block 2 Nigeria STP JDZ	Exploration & Production of oil and gas under PSA	March 2006	-do-	One well drilled. Non-commercial	34.54 (March 2006)	34.54 (March 2006)	100.35	Nil	NA	Under process of relinquishment
32	Cuba Blocks 34 & 35	Exploration & Production of oil and gas under PSA	13.9.2006	12.3.2012 (6 Year contract divided into three expl sub periods)	1000 LKM of 2D & 2300 SKM of 3D Seismic API completed. PSDM Processing and interpretation of 1080 SKM of 3D seismic completed.	12 (2006)	47.00 (2010)	179.73	Exp-loration sub-period-I extended from 12.9.2008 to 12.3.2011	Cascading delay in 3D seismic data API. Cost overrun due to enhanced 3D Coverage	NA
33	Carabobo Venezuela				Project under implementation	1333 (31.3.10)	1333 (31.3.10)	260.11			Under implementation

STATEMENT-I

OIL INDIA LIMITED

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

Sl. No.	Name of the Project	EDC Original/ revised	Physical Progress (30.01.2011)	Financial Progress
1	Bhogpara OCS (Rs.31.79cr.)	31-12-2007/ 31-12-2009 31.6.2011	a) Materials procurement completed, b) Construction of boundary wall completed. Other civil works in progress. * Cont. cost (Lowest bid): Rs. 4.03 crores For Construction of The OCS : • Cont cost (Lowest bid): Rs. 2.56 crores In respect of above tenders, actions are in hand for award of contract.	Assigned: Rs. 16.00 cr (Actual Rs. 8.75 cr.) Available: Rs.15.78cr.
2	1 6" X 37 km Gas Pipeline from Baghjan to W/50. (Rs. 78.51 cr.)	29-12-2009 / 28-02-2010/ 31-03-2012	a) Acquisition of land for ROW is in progress and in advanced stage, b) Materials including pipes Procured. c) Expert Appraisal committee (EAC) of MOEF has directed during January'2011 for Public Hearing in respect of this project d) Contracts for construction of the pipeline: LOA issued, Award of work order pending for Public Hearing & consequent approval of PCB e) Expected date of Completion: 1 2 month from the date of award of work order	Assigned : Rs. 0.15cr (Actual Rs. 4.04 cr.) Available : Rs.74.33 cr.
3	16"X20 km Gas pipeline from Chabua to W-50. {Rs. 30.00 cr)	28-02-2010/ 15-02-2012	a) Materials including pipes Procured, b) Contracts: LOA issued. Work order will be issued on 03.02.2011 c) Expected date of Completion: 1 2 month from the date of award of work order.	Assigned : Rs.0.077 cr (Actual Rs.1.405 cr)Available: Rs. 28.52 cr.
4	8"X42 km long crude oil pipeline from Baghjan to Secondary Tank Farm (STF)	29-12-2009 / 28-02-2010 / 31/06/2012	a) Pipeling will traverse by the ROW referred in si no 2 above from Baghjan to 50 (37 km) and then well 50 to STF(5km) b) Materials including pipes Procured c) Expert Appraisal committee (EAC) of MCEF has directed during January'2011 for Public Hearing in respect of this project d) Acquisition of land for ROW beyond Well 50 to STF is yet to start.	Assigned : Rs. 2.97 cr (Actual Rs.0.34 Cr.) Available : Rs. 32.69 cr.

STATEMENT - II

OIL INDIA LIMITED

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

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 31.12.10	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.10			
1	Purchase of One (1) No. of 2000 HP Drilling Rig with Top Drive System	Procurement & Commissioning	28.9.2011	Not Applicable	Proposal sent for approval of LMC	139.50 18.11.2009	Not Applicable	Not Applicable	Not Appli cable	Not Applicable	Not Applicable
2	Purchase of One (1) No. of 2000 HP Drilling Rig	Procurement & Commissioning	28.9.2011	Not Applicable	Proposal sent for approval of LMC	130.50 18.11.2009	Not Applicable	Not Applicable	Not Appli cable	Not Applicable	Not Applicable

STATEMENT - II

OIL INDIA LIMITED

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

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 31.12.10	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.10			
3	Gas Turbine Gen set of 20 MW capacity for Power Station at Duliajan, Assam : I no.	Capacity augmentation to meet growing load demand	October 2008	31-10-2011	LOA issued to M/s BHEL for executing the project on LSTK basis on 21" July 2009. Advance payment of Rs. 8,3415 Cr. has been made to M/s BHEL against supply of main equipment & civil jobs- Various Engineering activities have been started by BHEL. Preliminary offer with indicative prices from	98.6615 (Mar 2005)	Projected 216.88 18.07. 2009	230.43	Time over run: 34 months	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. lii) Long time taken for price negotiations (3 times) at different levels. iv) Oil's procedural delay in getting approvals	Board recommended awarding a contract to M/s BHEL for Design, Engineering, Supply, Transport, Erection, Testing, and Commissioning of one number simple cyde Gas turbine Power plant of 20-24 MW capacity at Duliajan Power Station on 18* July, 2009. Board also sanctioned a new capital budget of Rs. 216.8789 Cr.

STATEMENT - II

OIL INDIA LIMITED

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

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					M/s. EIL for PMC job (Civil works only) has been received via e-mail dated 19^ December 2009 The offer of M/s. EIL is under scrutinyby OIL.					on various matters at different levels v) Slippage in civil job : There has been a delay of seven months in floating the civil tender by BHEL. Main reasons for the slippage are: o Delay in soil Investigation & Topographical survey and repetition of same	For the project on 18*[1] July, 2009. Board has advised to engage M/s Ell as PMC on nomination basis for civil jobs. LOA issued to M/S. BHEL for executing the project on LSTK basis on 21st July, 2009.. Letter written to M/s. EIL on 29th August, 2009 for submitting offer for the PMC job for civil parts of the project. After giving several reminders

STATEMENT - II

OIL INDIA LIMITED

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

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										tests because of errors in the original tests. Huge Discrepancies in draft Civil Tender specifications & their corrections. o Delay in getting engineering inputs from Hyderabad unit for preparation of technical specifications of the civil tender by Kolkata unit. o Extension of bid dosing date twice in	& constant follow up with M/s. EIL, preliminary offer with indicative prices from M/ s. EIL for PMC job (Civil works only) has been received via e-mail dated 19" December, 2009. After taking approval from local management, a proposal was put up with the Board to reconsider their earlier decision to engage M/s.

STATEMENT - II

OIL INDIA LIMITED

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

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			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.10	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.10			
										view of poor response from bidders. o Delay in getting clarifications from the bidders. o BHEL decided to re-float civil tender as only one bidder qualified PQC.	EIL as project Management Consultant (PMC) for civil job. Board meeting held on 30.01.2010 at New Delhi, where the following decisions were taken regarding appointment of EIL as PMC. a) The indifferent attitude of EIL is to be brought to the knowledge of Ministry of petroleum & natural gas by way of a formal letter.

STATEMENT - II

OIL INDIA LIMITED

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

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											b) An in-house project Management Committee is to be formed to rigorously monitor the project in dose co-ordination with DCPL. c) Execution of the civil works of the new power plant on cost plus 10% basis, without cap or ceiling. The Board desired that the civil work (cost plus 10%) should be contained well within the limit Of Rs. 43.39 Crores

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OIL INDIA LIMITED

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

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			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.10	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.10			
											originally estimated by BHEL. OIL representative would be a member in the tender Committee of BHEL for awarding civil contracts. Action on Board Decisions as above have been taken. Various Engineering / Manufacturing activities by BHEL area in progress as per project schedule. Soil investigation and Topo

STATEMENT - II

OIL INDIA LIMITED

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

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			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.10	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.10			
											survey was carried out by BHEL at site. Formal Contract agreement has been signed by OIL & BHEL on 10th June, 2010. OIL approved the draft dvil tender submitted by BHEL Civil tender has been floated by BHEL on 30.09.2010. Four parties purchased bid documents from BHEL. Bid dosing date, which was initially fixed on 28.10.2010,

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OIL INDIA LIMITED

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

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											was extended up to 6.11.2010 and further extended up to 12.11.2010. BHEL received bids from all the four parties. All the four parties submitted bids but only one party qualified PQC (Pre-requisite Qualification Criteria). BHEL decided to re-float civil tender in view of single party situation as per BHEL's tendering policy.

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OIL INDIA LIMITED

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

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			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.10	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.10			
4	Numallgarti - Slligun Product Pipeline	Transportation of 1.72 MTPA of petroleum products Of Numaligarh Refinery in Assam from Numaligarh to Siliguri	21.09.2007	29.2.2008	Pipeline is commissioned on 27.08.2009 and normal pumping of product is on. Micro Tunneling as well as mechanical job in river Aie is completed 100%. Micro Tunneling job in river Teesta is in progress. 1 parallel HDD job is also in progress in river Teesta. Presently connectivity is through a	468.92 Cr. (22.09.2005)	468.92 Cr.	430. 14 Cr actual cost & assigned cost is 458.24 Cr.	6 months from Revised date/ No cost over run	Project delay can be attributed to : I.O Delay due to very slow progress of 1 no. of micro-tunneling works. While 6 numbers have since been completed. Progress in the river Testa is extremely slow due to site conditions. tough soil strata and other non finished mechanical jos.	The jobs of NSPL project completed except submerged crossing of pipeline in river Testa, Pipeline commissioned taking contingency connectivity across river Testa. Transportation of NRL product & delivery to Siliguri marketing Terminal started from 25/04/2009 & product pumping continuing.

STATEMENT - II

OIL INDIA LIMITED

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

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			Original Date of Completion/ Commissioning	Revised /Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.10	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.10			
					contingency pipeline along the railway bridge over river Teesta.					2.0 Delay due to late start of de-waxing job. 3.0 Pipeline laying in a number of forests. Reserve forest. sanctuary, river and railway crossings had to be done with lots of restrictions.	Micro tunneling in 6 rivers out of 7 rivers completed. Teesta : Tunneling job completed. Pipe insertion is also completed including Post Hydro testing. **The project completed.**

STATEMENT - II

OIL INDIA LIMITED

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

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 31.12.10	Original Cost Rs. Cr.(Date of Approval)	Revised Cost Rs. Cr.(Date of Approval if any)	Cum Financial Progress upto 31.12.10			
5	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	June, 2011	March, 2012	Acquisition : completed. however lard value payment is pending. Construction of boundary wall : around 75% completed. Earth filling : around 75% of the total area covered by existing 2 contracts completed. Tender for selection of LSTK contractor (Tender No. OIL/CCO/ PDNG/ GL0BAL/2 1 5	144.02 Crores (29/08/08)	200.14 Crores (Date of approval (25/6/ 2010)	27.68	Around 9 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.	Technical bid of EPC contract is under scrutiny. Land acquisition completed. After obtaining Board's j approval, corrigendum to the NIT published in OIL's website on 07.07.2009 and in news papers on 09.07.2009. Bid opened on 06. 10.2009. Offer received from 3 parties.

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OIL INDIA LIMITED

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

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		lean gas to various external (existing and new) and internal consumers.			/2008): Report on Techno-Commeroal acceptability has been sent to Board for approval.						**Technical scrutiny of <u>offers</u> :** Techno-Commerdal suitability report sent for placement before the Board vide Board Note No. 3107. dated 16.01.2010 was approved in 400" Board meeting held on 30.01.2010. OIL Board accorded approval for opening of price bid after taking unconditional undertaking from the

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OIL INDIA LIMITED

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

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		lean gas to various external (existing and new) and internal consumers.			/2008): Report on Techno-Commeroal acceptability has been sent to Board for approval.						bidders saying that they will not raise any objection later on. Price bid opened on 27.02.2010. **Issue of LOI :** Proposal for awarding contract put up to Board vide Board Note No. 3109 dated 25.03.2010- Contract awarded on 01/07/2010. **Job is in progress.**

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

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6	New SCADA Project	Real time monitoring of Oil & Gas Production Installations and electrical substations lo ensure required parameters, custody transfer, mass balance etc including safety system	11.5.2009	31.5.2012	Technical Bid for EPC contract opened on 02.12.2009. Technical bid scrutiny is being carried out by the consultant M/S TEPL, New Delhi. Price bid expected to be opened in the last week of Feb20lO after CBC's approval.	108 (96 Crores for SCADA System + 12 crores for communication system) 09.06.2008	Nil	Nil	One year plus	1. A major Delay in finalization of complete tender document prepared by the consultant due to: i) Increase in scope of work for Requirement Assessment. li) Re-work & Re-engineering of New SCADA Communication report tii) Review and approval of tender document. 2. Re-tendering process due to modification of BQC, BEC & BRC.	i) A detailed micro schedule prepared by the consultant for smooth execution.

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GAIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING UPTO RS. 100.00 CRORES

RS. IN CRORE

Sl. No.	Particulars	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 Date of Completion/ Commissioning	Cumulative Physical Progress upto 15.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval)	Cumulative Financial Progress upto Dec.10			
1	Kandla Samahhiah Pipeline	Evacuate LPG from Kandla for Supplying to various LPG botlling Plants in Northern India	Oct.10	No Change	94%	58.30	No Change	19.23 Crores (32.72%)	NA	NA	NA
2	Installation Of 6th Furnance Project At Pata	To increase the Ethylene capacity of Pata Petrochemical Plant	18 months from FOI to EPCM (July 2010)	No Change	Completed on 24.11.10	97.00	No Change	48.62 Crores (49.90%)	NA	NA	NA
3	Waste Heat Recovery	To install WHR unit for steam generation and sale to Customer i.e, ATL and use for internal power generation	21 months	No Change	Ongoing Project	70.00	No Change	8.26 Crores (12.35%)	NA	NA	NA

STATEMENT - II

GAIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING RS. 100.00 CRORES AND MORE

RS. IN CRORE

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1	Dahej-Vijaypur Pipetine-II	With additional RLNG supplied from PLL. LNG Terminal, Dahej and other sources like Reliance gas, the capacity Upgradalion of the DVPL pipeline will fulfill the additional Demand to the customers en-route existing DVPL & GREP Pipeline.	Apr.11	No Change	86.20%	4403	No Change	1888 (84.32%)	NA	NA	NA

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GAIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING RS. 100.00 CRORES AND MORE

RS. IN CRORE

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2	Vijatpui-Dadri-Bawana Pipeline	With additional RLNG supplied fiom PLL. LNG Terminal. Dahej and other sources like Reiiance gas. the capacity Upgradalion of the GREF pipeline will tullill the additional demand to Uie customers en-route existing GREP Pipeline and gas supply to new customer of Dadri-Bawana-Nangal P/L and Chainsa-Jajjar-Hissar P/L in Northern region	Apr.10 (Anticipated Completion Dec.10)	No Change	99.90%	4317	No Change	3326 (91.12%)	NA	NA	NA

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GAIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING RS. 100.00 CRORES AND MORE

RS. IN CRORE

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3	Compressor Station at Jhabua & Vijaipur	Compressor staiion 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	30.4.2011	No Change	91.20%	1434	No Change	810 (83.20%)	NA	NA	NA

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GAIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING RS. 100.00 CRORES AND MORE

RS. IN CRORE

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4	Compressor Station at Kailaras & Chainsa	Compressor station at Kailaras, Chamsa LS required to cater gas demand at desired pressure to various customers in route Dadn-Bawana-Nangal and Chainsa Jhajjar Hissar Pipeline systems and upgrade trie capacity of GREP P/L system.	30.04.2011 (Anticipated Completion 31.08.2011)	No Change	60.80%	1167	No Change	205 (27.20%)	NA	NA	NA

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GAIL INDIA LIMITED

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RS. IN CRORE

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5	Bawana-Nangal Pipeline	Natural Gas is an environment friendly gas and is used to substitute Naphtha and other fuels. It is nort toxic and lighter than air To supply R-LNG to Consumers in the slate of Punjab. Haryana, UP.	31.4.2011	No Change	78.25%	1816	No Change	559 (60.56)	NA	NA	NA

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GAIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING RS. 100.00 CRORES AND MORE

RS. IN CRORE

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6	Spurlines to CJPL	The project will meet the gas demand of consumers in the stale of Haryana & Rajasthan at various locations viz ChopanKi. Bhiwadi. Dharuhera. Khushkhera, Neemrana . Gurgaon. Khandsa, Manesar.	31.1.2011	No Change	98.50%	396	No Change	172.40 (64.80%)	NA	NA	NA
7	Dhabol-Bangalore Pipeline Ph-I	To Supply Natural gas for various sources to the customer in Maharastra, GOA, Karnataka	31.3.2012	No Change	38.20%	4508	No Change	49.24 (2.55%)	NA	NA	NA

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GAIL INDIA LIMITED

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING RS. 100.00 CRORES AND MORE

RS. IN CRORE

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			Original Date of Completion/ Commissioning	Revised Date of Completion/ Commissioning	Cumulative Physical Progress upto 15.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval)	Cumulative Financial Progress upto Dec.10			
8	Kochi-Koottanand-Bangalore Mangalore Pipeline Ph 1	M/s Peltonet LNG is setttng up 2 5 MMTPA LNG terminal at Kochi This pipeline is being laid to evacuate the R-LNG lor distribution lo consumers in the Slates of Keiala, Tamilnadu and KarnalaKa	31.3.2012	No Change	47.30%	348	No Change	52.16 (22.40%)	NA	NA	NA
9	Karanpur-Moradabad-Kashipour-Rudrapur Pipeline, Ph 1	For providing gas connectivity to consumers m the regions of Moradabad. Rudrapur, Kashipur, Part Nagar	31.1.2011	No Change	66.30%	197	No Change	47.00 (37.59%)	NA	NA	NA

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RS. IN CRORE

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			Original Date of Completion/ Commissioning	Revised Date of Completion/ Commissioning	Cumulative Physical Progress upto 15.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval)	Cumulative Financial Progress upto Dec.10			
10	Capacity Augmentation of Agra and Firozabad region Ph-1	Capacity augmentation and providing gas connectivity to new consumers in the Agra-Ferozabad region	31.1.2011	No Change	80.20%	125	No Change	28.18 (34.57%)	NA	NA	NA
11	BNPL Spurlmes	To cater the demand of industrial consumers in Ullar Pradesh. Haryana S Punjab States, This pipeline will conlribute in industrial development & maintaining clean environment m these States	20.6.2011	No Change	40.72%	541	No Change	0.13 (0.08%)	NA	NA	NA

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING RS. 100.00 CRORES AND MORE

RS. IN CRORE

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12	VKPL Spurlines	Naiural Gas is an environment friendly gas and is used to substitute Naphtha and other fuels. It is non toxic and lighter than air.	20.6.2011	No Change	37.80%	463	No Change	0.13 (0.04%)	NA	NA	NA
13	Exploration & Production	Improved Energy Security for the nation	Drilling As per arising Plsn of Operator	No Change	Drilling As per drilling Plan of Operator	Different dates and cost for Different Block	No Change	Total Exp in date Rs-1947.11 Crores	NA	NA	NA

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INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES

COSTING UPTO Rs.100 CRORE

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			Original Date of Completion Commissioning: Latest approved commissioning date	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.10		
1	Branch pipeline to Tikri Kalan	Cost effective and reliable movement of products for existmg Tikri kalan rmiinal	March 201 0	ML completed Panipat commissioned	94.30%	43.00 (31.10.2008)	59.00 (31.10.2009)	59.00	81.61%	Cost overrun-Nil	Completion of works at Tikrikalan is to synchonise with the upcomign Mktg. Top at Tikrikalan
2	Crude oil transfer pipeline from North Oil ellv to PHBPL Paradip	Cost effective and reliable transfer of crude oil to PHBPL paradip	November 201 0	January 201 0	81.01%	81.00 (29.5.2009)	--	81.00	58.35%	2 month	Delay in completion of piping work
3	ATF Pipeline from Mourigram to AFS Gouripur at Kolkala	Cost effective and reliable movement of ATF to Kolkata AFS	18 months after receipt of ROW, environment & forest clearance	--	21.45%	45.00 (06.05.2009)	--	45.00	1.180%	Nil	NA

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COSTING UPTO Rs.100 CRORE

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4	Augmentation of CBPL (Del i v ery-c urn-pum-pumping station at Chittoor)	Cost effective and reliable movement of products to Chittoor & Bangalore fed markets	August 2011	August 2011	48.39%	53.00 (31.8.2009)	--	53.00	5.26%	Nil	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	--	19.7%	44.00 (19.11.2009)	--	44.00	1.30%	Nil	NA
6	CBR Trichy pipeline	Cost effective and reliable movement of product from CBR to Trichy Top	30 months after receipt of statutory clearance	--	--	98.00 (13.11.2010)	--	98.00	--	Nil	NA

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES

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7	New Marketing Terminal at Tikri Kalan (Delhi)	Additional tankage and allied facilities for better logistics	July 2011	--	73%	78.15	85.32	85.32	39.12%	Nil	NA
8	LPG bottling plants at 6 locations	To construct bottling plants at 6 locations to meet supply & demand of LPG smoothly	March 2010	--	78%	36.25 (December 2007)	--	36.00	55.53%	--	Acqisition of part of pvt. Land inside plant site
9	New Marketing terminal of Jasidih	Distribution of POL	project on HOLD due to land disputes	--	3%	29.00 (21.8.2004)	--	93.54	2.04%	--	
10	New Marketing terminal at Jharsuguda (earlier Rourkela/ Rengali (Orissa)				1%				2.48%		

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PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES

COSTING UPTO Rs.100 CRORE

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11	new Marketing Terminal at Mandir Hasud	Distribution & Storage Facilities for better logistics			0%	38.18 (27.2.2001)			7.36%		

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INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING Rs.100 CRORE OR MORE

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1	Panipat Refinery Expansion from 12 to I5MMT	To meet demand of North-West	March 2008 / December 2009	December 2009 (Quality part-Completed) Nov.2010 (Other units i.e. CDU/VDU/ OHCU/ DCU) completed	100%	806.00 (30.6.2005)	1007.83 (28-12-2007)	1100.00	864.60	Quality Up gradation Part-no time overrun Exap ansion part -11 months time overrun No cost overrun as Anti cipated cost is with 10% per missible limit of the approved cost	In vieu of high product demand in Decmber 2009, shut down foi CDU/VDU/OHCt/DCU was planned in Sep-Oct 2010, based on product availability situation discusscd in Industry Review Meeting. Thu being a revamp project all major jobs, including the interfaces uith the existing units of Panipat refinery (PR) were compleled within the very tight shutdown schedule).

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INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING Rs.100 CRORE OR MORE

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2	Paradip Refiner, Protect (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 through utilizing full value chain of hydrocarbons and improving the economic viability of the project	March 2012 (AVU - First Unit) July 2012 (Alkylation - Last Unit) November 2012 (Integrated stabilised operation)	NA	37.50%	29777.00 (28.2.2009)	--	29777.00	5029.55	NA	NA

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3	Residue upgradation and improvement of MS/HSD quality at Gujarat Refinery	Improvement in distillate yield. quality upgradation of MS/HSD and processing of enhanced quantity of high sulphur crude.	January 2010/ Quality Part-January to March 2010 and other facilities progressively by June 2010	Quality part commissioned progressively from May to July 2010 VGO-HDT to commissioned on 25.11.2010 Coker expected to be commissioned by January 2011	99.92%	5693.00 (29.1.2007)	6898.00 (30.11.2009)	6898.00	5868.67	Time overrun of 4 to 6 months for quality up-gradation units, 5 months for VGO-HDT, 7 months for Cocker. No cost overrun	Time overrun of 4 to 6 mnths for Quality upgradation units was due delay in suply of compressors from BHeL & BPCL and delay in GT/HRSG job by BHEL Time overrun of 5 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 by 7 months is due to delay in supply of compressors from BHEL by 17 months.

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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	HGU commissioned on 17.9.2010, NHDT on 22.10.2010, ISOM on 12.12.2010 FCC-GDS is expected to be commissioned by end December 2010	96.26%	1492.00 (29.4.2008)	NA	1525.00	1113.09	Time overrun of 9 months No cost overrun (as anti-cipated cost is within 10% per-missible limit of approved cost	There was adelay in lining up of project consultant due to poor response against global tender leading to annulment.

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Sl. No.	Project Name Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. in Crore)				Time/Cost overrun	Reasons for time Cost Overrun
			Original Date of Completion Commissioning: Latest approved commissioning date	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.10		
5	MS Quality improvement Project at Guwahati	To meet Euro-III equivalent (BS-III) of MS	February 2010	3 - cut splitter (Indmax) commissioned on 14.5.2010 NSU commissioned on 2.9.2010, NHDT on 29.9.2010 ISOM commissioned on 12.12.2010	100%	372.00 (29.4.2008)	NA	276.00	229.04	Time overrun of 10 months No cost overrun	Delay in lining up of project consultant due to poor response against global tender leading to annulment. Further after lining up consultant, high quote by LSTK bidders resulted in annulment of tender.
6	MS Quality improvement Project at Digboi	To meet Euro-III equivalent (BS-III) of MS	February 2010	NSU commissioned on 14.9.2010 NHDT on 27.10.2010, ISOM Feed-cut expected by end December 2010	100.00%	356.0 (29.4.2008)	NA	251.00	222.69	Time overrun of 10 months No cost overrun	Delay in lining up of project consultant due to poor response against global tender leading to annulment. Further after lining up consultant, high quote by LSTK bidders resulted in annulment of tender.

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INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING Rs.100 CRORE OR MORE

B. PROJECT COSTING ABOVE RS. 100 CRORE - UNDER IMPLEMENTATION

Sl. No.	Project Name Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. in Crore)				Time/Cost overrun	Reasons for time Cost Overrun
			Original Date of Completion Commissioning: Latest approved commissioning date	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.10		
7	MS Quality improvement project at Bongaigaon	To meet Euro-III equivalent (BS-III) of MS	December 2009	Ph-I for 80% MS upgradation to EURO-III quality commissioned on 13.3.2010. Balance is upgradation of existing unit, expected by March 2011	89.10%	293.60 (25.4.2008)	NA	294.00	200.45	Time overrun of 15 months No cost overrun	Due poor pace of construction activities due to local environemtnal conditions prevailing at site. Various road blockades/ bandhs from time to time have severely affected the material & machines transportation and constructions progress. Available resorces (mainly manpower) are inadequate

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INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING Rs.100 CRORE OR MORE

Sl. No.	Project Name Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. in Crore)				Time/Cost overrun	Reasons for time Cost Overrun
			Original Date of Completion Commissioning: Latest approved commissioning date	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.10		
8	Diesel Hydro treatment (DHDT) project at Bongaigaon	To meet Euro-III equivalent (BS-III) of HSD	October 2009	Expected by March 2011	96.66%	1431.91 (26.5.2006)	1646.39 (May'08)	1676	1484.16	Time overrun of 17 months No cost overrun as anticipated cost is within 10% permissible limit of the approved cost	Due poor pace of construction activities due to local environemtnal conditions prevailing at site. Various road blockades/ bandhs from time to time have severely affected the material & machines transportation and constructions progress. Available resorces (mainly manpower) are inadequate

STATEMENT -II

INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING Rs.100 CRORE OR MORE

Sl. No.	Project Name Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. in Crore)				Time/Cost overrun	Reasons for time Cost Overrun
			Original Date of Completion Commissioning: Latest approved commissioning date	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.10		
9	Fluidized Catalytic Crackign Unit (FCCU) and Revmap of existing Propylene Unit at Mathura Refinery	To improve upon the reliability of the unit and achieve a minimum run length of 3 years. To meet the revised statutory specification of 100 mg/ Nm3.	January 2013	NA	1.87%	1000 (24.7.2010)	NA	1000	7.93	NA	NA

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INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING Rs.100 CRORE OR MORE

Sl. No.	Project Name Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. in Crore)				Time/Cost overrun	Reasons for time Cost Overrun
			Original Date of Completion Commissioning: Latest approved commissioning date	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.10		
10	Butadiene Extraction Unit (BDEU) at Panipat	Butadiene, a value added product will be used as the feedstock for Styrene Butadiene Rubber (SBR) project at Panipat SBR is primarily used for manufacture of automtive tyres, conveyor/fan belts, footwear etc.	February 2013	NA	1.60%	341.50 (30.11.2009)	NA	341.5	Nil	NA	NA
11	Branch pipeline from KSPL Viramgam to Kandla	Cost effective and reliable movement of products for Kandla	30 months after receipt of Environment & forest clearance i.e. March 2013	December 2012	62.48%	349.00 (28.2.2009)	--	349.00	132.83	NIL	NA

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INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING Rs.100 CRORE OR MORE

Sl. No.	Project Name Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. in Crore)				Time/Cost overrun	Reasons for time Cost Overrun
			Original Date of Completion Commissioning: Latest approved commissioning date	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.10		
12	Paradip-Raipur-Ranchi Product Pipeline	Cost effective and reliable movement of products for maketing depots in Orissa, Chattisgarh & Jharkhand	September 2012	September 2012	24.60%	1793.00 (31.8.2009)	--	1793.00	21.05	Nil	NA
13	Additional Tanks & blending facilities at Vadinar	Additional storage of crude oil at Vadinar	30 months after receipt of statutory clearance i.e. September 2012	August 2011	67.87%	267.00 (28.2.2009)	--	267.00	108.15	Nil	NA
14	Debottle necking of SMPL system	--	30 months after receipt of statutory clearance	--	7.91%	1584.00 (30.12.2009)	--	1584.00	1.55	Nil	NA
15	Integrated crude oil handling facilities at Paradip	--	June 2012	June 2012	25.71%	1492.33 (30.12.2009)	--	1492.33	154.65	Nil	NA

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INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING Rs.100 CRORE OR MORE

Sl. No.	Project Name Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. in Crore)				Time/Cost overrun	Reasons for time Cost Overrun
			Original Date of Completion Commissioning: Latest approved commissioning date	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.10		
16	New Marketing Terminal at Ennore	Additional tankage and allied facilities for better logistics	Project on hold due to land dispute			179.00 (Nov.2006)	--	171.83	0.00	--	--
17	LPG import facility at Kochi	Construction of Import facilities to meet supply & demand of LPG	September 2011	--	7.40%	170.00 (Dec.'07)	--	170.00	3.89	--	--
18	LPG Marketing Terminal at Paradip	To construct LPG Terminal at Paradip	To be completed in 30 months from the date of taking over of land/ statutory clearance which ever is later	--	2.30%	158.91 (July 2009)	--	159	1.37	--	--

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INDIAN OIL CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES COSTING Rs.100 CRORE OR MORE

Sl. No.	Project Name Description	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. in Crore)				Time/Cost overrun	Reasons for time Cost Overrun
			Original Date of Completion Commissioning: Latest approved commissioning date	Revised/ Anticipated date of completion/ commissioning	Cumulative % Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Anticipated cost	Cum Financial Progress upto 31.12.10		
19	New Marketing Terminal at Chittoor	Combined resitement of Tada & cuddapah Depots on CBPL for cost effective movement of products	24 Months from date of Statutory approvals		7.00%	126.60* (Aug'09) Total cost including Pipeline Division component is Rs. 179.60 crore	--	179.00	6.43	--	--
20	New Marketing Terminal at Eastern Sector Refinery, Paradip	Refinery Evacuation of products for Raod and Rail despatch for Paradeep Refinery	36 months from date of Statutory approvals		0.00%	199.75 (July 2009)	--	199.75	0.22	--	--
21	TOP at Bangrod on Koyali-Ratlam Pipeline	Final Distribution terminal on Koyali-Ratlam Depot	December 2006		100.00%	96.21 (22.12.2004)	179.00 (30.1.2009)	179.00	86.27	--	--

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES COSTING UPTO RS.100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (Rs. Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.10	Time/Cost overrun		
1	NewLPG Bottling Plant at Bangalore	Additional bottling capacity of 88TMTPA	Sept.08	18 months after complete land acquisition	5%	45.00 (12.10.06)	--	8.42	Time overrun	Delay in land acquisition	Notification issued by Govt. of Karnataka for Land acquring and the process of land acquisition in progress.
2	New LPG bottling plant at Anantpur	Additional bottling capacity of 44TMTPA	Mar'09	18 months after complete land acquisition	17%	43.45 (12.03.2007)	--	7.03	Time overrun	Land owners had gone to High Court, A.P. 80% of land in possession. Balance 20% acquisition in progress.	Construction activity in progress in area under possession. Persuing with Revenue authorities for handing over of Balance Land.
3	Bulk Storge Augemntation at Ajmer	Storage Augmentation of 2100 MT	Aug'08	Jan 2011	99%	21.27 18.5.2007	--	22.16	Time overrun	Delay in procurement of material	Anticipated completion by Jan 2011

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES

COSTING UPTO RS.100 CRORES

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (Rs. Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.10	Time/Cost overrun		
4	Bulk Storage Augemntation at Raipur	Storage Augmentation of I500MT	Sept.08	Jan 2011	100%	15.84 (16.06.07)	--	16.27	Time overrun	Delay in procurement of BQ plates. Backing out of Civil Contractor for Phase-2 Civil works	Alternate contract finalised and works completed. Final CCOE approval obtaind and OISD inspection pnding. Scheduled for commissioning by Jan. 2011
5	Bulk storage augmentation at Nashik LPG Plant	Storage Augmentation of 1000MT	Nov.10	Jun 2011	40%	15.89 (Aug.2009)	--	3.37		High Court ban for sand mining, which is required for mouned storage	Ban lifted. Awaiting Govt. order for commencement of sand mining.
6	New LPG Bottling Plant at Hazira	Setting up of 88 TMTPA Bottling Plant	March 2011	Sep.11	40%	60.13 (Sept.2009)	--	13.82		Delay due to heavy monsoon leading to water logging at site being at a low lying area.	

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES COSTING UPTO RS.100 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (Rs. Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.10	Time/Cost overrun		
1	Installation of FCCU - MR	Increase in secondary processing capacity to improve margins	Sept.09	Dec.10	Mechanically completed in December 10	900.47 (22.3.07)	--	Cum Expendi-ture 750.98. Cumu Commit-ment 869.67	Time over run 15 months / cost over run : Nil	Delays by EIL having cascading effect on procurement & construction. Delay of 7 months in delivery of AMAB by BHEL, Delay of 14 months of BHPV for supply of Scubber	Project mechanically completed in Dec. 2010. Commissioning under progress.
2	LOBS Upgradation - MR	Production of group II/III Lubes to meet market requirement	Apr'09	May 10	Mechanically completed	638.90 (18.10.06)	1030.00 (17.3.08)	827.72	2 Months	Delay in delivery & erection of Reactors and Compressor	Project mechanically completed in August 10.
3	Improvement in Effiuent Treatment Plant (IETP) at MR	Floor wash water treatment to meet pollution norms	May 09	Feb. 10	100.00%	138.00 (July'07)		116.20	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 OF VARIOUS PROJECTS / SCHEMES COSTING UPTO RS.100 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (Rs. Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.10	Time/Cost overrun		
4	Diesel Hydrotreater at MR	Production of EURO IV compliant Diesel at per Auto Fuel policy	Sept.11	--	30.16%	3283.74 (5.3.2009)	--	149.91	--	--	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)	--	509.60	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	--	44.47%	3.597.07 (5.3.2009)	--	188.34	No Cost Overrun Targetted Mechanical Completion: Mar 2012	Contractutal Mechancial completion date for LSTK Orders is Nov 2011 for DHTU & HGU and Jan 2012 for SRU	Project closely monitored

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES COSTING UPTO RS.100 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (Rs. Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.10	Time/Cost overrun		
7	Resitement of Visakh Terminal	To create space for growth, modernization and expansion plan of Visakh Refinery	Black Oil Terminal - March 11 LPG Plant June 11 White Oil Terminal Sept.11	--	Black Oil - 99.00% LPG 86.01% White oil - 74.00%	756.00 (28.1.09)	--	547.25		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	Anticipated completion March 2011	65.57%	224.00 (27.4.2009)	--	160.95	Cost increase of Rs. 106 crores	Cost overrun primarily due to increase in steel cost, land cost and land development cost	Anticipated completion March 2011

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HINDUSTAN PETROLEUM CORPORATION LIMITED

PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES COSTING UPTO RS.100 CRORES OR MORE

Sl. No.	Name of the Project/Scheme	Objective of the Project/Scheme	Physical Progress			Cost (Rs. Crore)				Reasons for time Cost Overrun	Remedial measures taken
			Original Date of Completion	Revised date of completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Date of Approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 31.12.10	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 (28.1.09)	510.00 (27.10.10)	357.22	--	--	Project completed in Dec. 2010
10	HPCL Biofuel Ltd	To have captive ethanol for blending in MS	Dec.10	Jan.11	93.00%	613.54 (2.6.09)	727.88 (26.5.10)	426.00	Cost overrun due to esclation in machinery prices	--	--
11	New LPG Plant at Bathinda	Setting up of 44 TMTPA bottling plant and 16 bay T/T evacuation facility	May 11	May 11	65.00%	117.64		67.62	--	--	--

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BHARAT PETROLEUM CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES

COSTING UPTO RS. 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 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	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 CMC Outlets to feed the automobile sector,	N.A.	N.A.	--	13.5 March'05	N.A.	N.A.	N.A.	N.A.

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

NA: Not Applicable

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BHARAT PETROLEUM CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES

COSTING UPTO RS. 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 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	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.	--	Rs. 22.5 Cr/7.7.04	N.A.	N.A.	N.A.	N.A.

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

NA: Not Applicable

STATEMENT - I

BHARAT PETROLEUM CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES

COSTING UPTO RS. 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 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	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.	--	Rs. 45 Cr/ 23.9.05	N.A.	N.A.	N.A.	N.A.

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

NA: Not Applicable

STATEMENT - I

BHARAT PETROLEUM CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES

COSTING UPTO RS. 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 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	Time/Cost overrun	
4	Equity Investment in JVC - Bharat Stars Pvt. Ltd.	For providing Into-Plane Sevices at Bengaluru Airport	N.A.	N.A.	--	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 bio-fuels in the state of U.P.	N.A.	N.A.	--	Rs. 9.905 Cr / 17.6.2008	N.A.	N.A.	N.A.	N.A.

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

NA: Not Applicable

STATEMENT - I

BHARAT PETROLEUM CORPORATION LTD.

PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES

COSTING UPTO RS. 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 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	Time/Cost overrun	
6	Equity Investment in JVC - Matrix Bharat Marine Services Pvt. 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.	--	Rs. 10 Cr/ 20.5.08	N.A.	N.A.	N.A.	N.A.
7	Equity Investment in JVC - Delhi International Airport Ltd.	Providing infrastructure, hydrant facilities at Terminal 3, Delhi International Airport	N.A.	N.A.	--	Rs. 60.68 Cr.	N.A.	Payments are released only on cash call from the JV Company	N.A.	N.A.

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

NA: Not Applicable

STATEMENT - II

BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES
COSTING RS. 100 CRORES AND ABOVE

Sl. No.	Name	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	Remedial measures taken/proposed
			Original Date of Completion	Revised/ Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	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 pumphouses, oil water separator, instrumentation, fire fighting system etc. will also be provided.	Dec.2009	March2010	Terminal mechanically completed	463.40 16.11.97	490.71 7.5.2007 639.11 10.10.08	94.19% . The cum. Exp. Upto Dec.'10 is Rs. 602 crore	N.A.	Change in scope of work due to change in refinery configuration. Project linked to Bina refinery project	N.A.

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BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES
COSTING RS. 100 CRORES AND ABOVE

Sl. No.	Name	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	Remedial measures taken/proposed
			Original Date of Completion	Revised/ Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	Time/Cost overrun		
2	Bina Kota Pipeline Project	Economic evacuation of MS,SKO,HSD and ATF from Bina Refinery,	Oct.2009	March2010	Pipeline mechanically completed	405.82 27.7.07	N.A.	89% . The cum. Exp. Upto Dec.'10is Rs. 361.18 crore	N.A.	Project linked to Bina refinery project	N.A.
3	Short term low cost modification to produce Euro IV Auto fuels from Mumbai Refinery	DHDS revamp, Gasolene Splitting facilities for improving the quality of MS, HSD to meet Euro IV equivalent norms.	31 Jan. 2010	N.A.	Project has been completed and commissioned in Feb.2010	Rs. 390.00 18.12.06	Anticipated cost Rs. 230 crore*	87.76% * The cum. Exp. upto dec.'10 is Rs. 192.67 crores	N.A.	N.A.	N.A.

***** Out of Rs. 390 crores project cost, anticipated expenditure for DHDS Revamp and FCCU Gasoline Splitter Facilities is Rs. 230 crores. which has been considered for financial progress as the balance facilities (NHDS Reamp and CRU Reactor replacement) are not beng implemented under this project.

STATEMENT - II

BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES
COSTING RS. 100 CRORES AND ABOVE

Sl. No.	Name	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	Remedial measures taken/proposed
			Original Date of Completion	Revised/ Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	Time/Cost overrun		
4	Hydrocracker revamp & setting up of a new 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 IV MS to meet Auto Fuel 'Policy requirement	Dec.2011	N.A.	Act- 28.39%	825.00 Jan.2008	N.A.	11.79 (cum exp. upto Dec.'10 is Rs. 97.27 crores	N.A.	N.A.	N.A.

STATEMENT - II

BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES
COSTING RS. 100 CRORES AND ABOVE

Sl. No.	Name	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	Remedial measures taken/proposed
			Original Date of Completion	Revised/ Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	Time/Cost overrun		
5	Equity Investment in JVC - Bharat Oman Refineries Ltd.	Setting up of a 6 MMTPA refinery at BIna in MP.	11.12.95 (with in 48 months from receipt of all approvals) 31. Dec. 2009 / June 2010	Jan. 2011	Project physical progress is 99.96%	549.00 Dec. 1995 (Re-presents BPC share of Equity)	Rs. 12208 crore (BPC share is Rs. 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

BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES
COSTING RS. 100 CRORES AND ABOVE

Sl. No.	Name	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	Remedial measures taken/proposed
			Original Date of Completion	Revised/ Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	Time/Cost overrun		
6	Capacity Expansion cum Moder-nisation 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.	30 Sept.09 (revised to 31st Dec'09)	CDU II after revamp commissioned in July'10, NHT/CCR unit commissioned in Sep.'10 and VGO HDS and sulphur Recovery units mechanically completed in Oct'10 and are under commission ing.	Project mechanically completed. Commissioning activities is in progress	2591.8 (27,04.'06)	3941.41 (11.7.2008)	81.06%, The cum. Exp. Upto 31st Dec'10 is Rs. 3195 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 BHEL	

STATEMENT - II

BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES
COSTING RS. 100 CRORES AND ABOVE

Sl. No.	Name	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	Remedial measures taken/proposed
			Original Date of Completion	Revised/ Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	Time/Cost overrun		
7	Refrigerated LPG storage and handling facility (2 x 8000 MT) at JNPT Jetty & Uran LPG Plant.	Setting up of LPG import facilities with strategic storage at Uran. Also, dispatch of pressurized LPG through road tankers and cylinder filling.	Dec.2010	Mar.2011	Act. 82.9%	304.4 Board approval in June 2008	N.A.	60% the cum. exp. upto 31.12.2010 is Rs. 181.21 crores	N.A.	Delay in progress is due to product service changed from LPG to Propane. Works at site commenced in June, 2009 on getting approvals from JNPT. Delays in progress also attributed to 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 hight court banned sand mining in Maharashtra.	

STATEMENT - II

BHARAT PETROLEUM CORPORATION LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF PROJECTS / SCHEMES
COSTING RS. 100 CRORES AND ABOVE

Sl. No.	Name	Objective of the Project/Scheme	Physical Progress			Financial Progress				Reasons for time Cost Overrun Remarks	Remedial measures taken/proposed
			Original Date of Completion	Revised/ Anticipated Date of Completion	Cumulative Physical Progress upto 31.12.10	Original Cost (Rs. in Cr.)/ (Date of Approval)	Revised Cost (Rs.in Cr.)/ Date of Approval if any	Cum Financial Progress (%)upto 31.12.10	Time/Cost overrun		
8	Pipeline for transfer of LPG from BPCL/ HPCL Refinery 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 economic evacuation of LPG from both the refineries and effectively mitigate the risks arising out of road movement Of LPG.	Feb.2012	--	Act. 22.5%	Rs.250 crore as per Annual Plan 2008-09	Rs. 206.32 cr. Sharing with HPCL CFD approval in April 2009 and Rs. 40 crores approved in Aug. 2010 for LPG mounded storage.	2.35% the cum. Exp upto Dec. 10 is Rs. 5.78 crores	N.A.	• MOU has been signed with HPCL for laying of submarine pipeline from BPCL & HPCL refineries to Uran LPG plant • PMC has been awarded to EIL • Detailed route survey has been completed • In-prindple approval from CCOE and Mumbai Port Trust obtained	

STATEMENT - II

CHENNAI PETROLEUM CORPORATION LIMITED
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING RS. 100 CRORES OR MORE

(Rs. / Crores)

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)				Reasons for time/ Cost Overrun Remarks
			Original Date of Completion/ commissioning	Revised/ date of completion/ commissioning	Cumulative Physical Progress upto 30.12.10	Original Cost* (Date of approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 30.12.10	Time/Cost overrun	
1	Desalination Project at Manali	This will result in self-sufficiency in water requirement for uninterrupted operations of Manali Refinery	Dec.'07	Jan'09	100%	231.34 (24.8.05)	243.94 (24.3.09)	93% (balance 14.98 cr. would be cleared s final settlement by Mar. 2011)	21 months	Delay In mobilization of LSTK-1 & 2 contractor; difficulty in accessing the site due to ROW and vagaries of weather. Unit commisioned in Dec 2009, PGTR carried out and Project completed on Oct 2010.
2	Revamp of CDU/VDU of Ref III from 3.0 to 4.0 MMTPA	Increase refining capacity by additional 1.0 MMTPA.	Mid 2009	Sep. '09	100.00%	134 (25.8.'06)	200.41	97% (balance Rs. 5.24 Cr. would be cleared as final settlement by Mar 2011)	7 months	inadequate response in engaging EPCM/PMC consultant due to overheat market conditions

STATEMENT - II
(Rs. / Crores)

CHENNAI PETROLEUM CORPORATION LIMITED
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING RS. 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)				Reasons for time/ Cost Overrun Remarks
			Original Date of Completion/ commissioning	Revised/ date of completion/ commissioning	Cumulative Physical Progress upto 30.12.10	Original Cost* (Date of approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 30.12.10	Time/Cost overrun	
3	Revamp of NHDT / CRU unit To CCR	Produce high quality Of MS (higher octane) for Euro-IV preparedness.	Sep '09	Oct '09	100%	234.09 (20.1.'07)	272.77	80% (balance Rs. 29.17 cr. would be cleared as final settlement by Mar 2011)	6 months	inadequate response in engaging EPCM/PMC consultant due to overheat market conditions
4	Auto Fuel Project to meet Euro IV Spec.	To produce MS/HSD to meet Euro-IV spec								Inadequate response in engaging EPCM/PMC consultant due to overheat market conditions, (the scheduled completion of majority packages are by Apr '10 and their anticipated completion are by May'11, except N202)
		DHDT NHT/ISOM HGU U&O	May'10 Jan'10 May'11 Apr'10	Jul'10 May'10 May'11 May'11	99.10% 99.70% 48.50% 66.40%	2615.69	2615.69	48%		

STATEMENT - II
(Rs. / Crores)

CHENNAI PETROLEUM CORPORATION LIMITED
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING RS. 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)				Reasons for time/ Cost Overrun Remarks
			Original Date of Completion/ commissioning	Revised/ date of completion/ commissioning	Cumulative Physical Progress upto 30.12.10	Original Cost* (Date of approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 30.12.10	Time/Cost overrun	
5	Resid Upgradation Project	Improve distillates yield by upgradation of Refinery Residue	Dec.2011	Dec.2013	86.00%	90.00 (Phase-I : Study expenses, licensor fee & PMC charges)	2990 (as per pre-approved DFR for phase-I &II)	62% (of Phase-I)	--	Study to assess the extent of revamp of HCU and shifting other existing facilities for locating the project. The final project cost will be ascertained after DFR study is completed. project is expected to be completed by end 2013.
6	Propylene Recovery unit	Augmented Propylene production capacity	Dec.2010	Dec.2010	EOI has been advertised in Newspapers to tie-up the prospective customers for propylene	300.00	--	--	--	Subsequent to tie-up of down stream customers for the entire 50,000 TPA, Board approval will be sought for investment

STATEMENT - II
(Rs. / Crores)

CHENNAI PETROLEUM CORPORATION LIMITED
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING RS. 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)				Reasons for time/ Cost Overrun Remarks
			Original Date of Completion/ commissioning	Revised/ date of completion/ commissioning	Cumulative Physical Progress upto 30.12.10	Original Cost* (Date of approval)	Revised Cost (Date of Approval if any)	Cum Financial Progress upto 30.12.10	Time/Cost overrun	
7	Revamp of CDU/VDU of Ref II	Increased refining capacity by 0.6 MMTPA and to meet Euro- IV norms.	Nov.09	May'12	13.10%	333.99	333.99	4.69%	--	Refinery-1 revamp is deferred due to issues in constructability. Refinery II revamp is being pursued.
8	New grassroot Refinery cum petro-chemical complex	Establish a new grassrool 15 MMTPA refinery cum petchem. Complex.	March'14	March'15	Project configuration is being finalised.	50.00	--	2.86%	--	Land acquisition will be taken up with State Govt. in PCPIR region Cuddaiore after the configuration is finalised.
9	Crude Oil Pipeline	In place of the existing 30 pipeline, a new 42" crude oil pipeline will be laid from Chennai Port to Refinery.	Dec.'07	Within 12 months of obtaining Right of Way	Environmental approval being sought. Alignment drg. approval obtained. Other activities are being followed up.	65.43 (May '06)	126(Oct. 10)	0.64%	--	Delay in rehabilitation and resettlement of persons living along the Port Connectivity Project may delay the implementation of this project.

STATEMENT - I

BALMER LAWRIE & CO. LIMITED
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING UPTO RS. 100 CRORES

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)			Remarks
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.10	2010-11 Original cost (Date of Approval)	2010-11 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.10	
1 (a)	Engineering infrastructure for Exports/ Imports/ Container Freight Stations	Increased Capacity/ Improved Customer satisfaction	New CFS/ Multi-model 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	Land acqusition Expected to be completed by June'11. Lease renewed with KOPT. Implemen tation by 30.09.2011	76.91%	20.00	12.82	9.86	Acquisition of land and selection of strategic partner. NOC of Kolkata Port Trust & approval of Kolkata Municipal Corporation.
(b)	Lube based Packaging Products	Geographic expansion/ Capacity consolidation	Setting-up of a Bitumen Drum Plant & Lube Barrel Plant in Eastern India & Southern India respectively within 12 months of receiving all approvals.	Lube Barrel Plant at Chittoor in Southern India has been commissioned in June, 2010	12.60%	7.00	5.00	0.63	Reaching agreement with all the stakeholders.

STATEMENT - I

BALMER LAWRIE & CO. LIMITED
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING UPTO RS. 100 CRORES

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)			Remarks
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.10	2010-11 Original cost (Date of Approval)	2010-11 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.10	
(c)	Leather Chemicals/ Auxiliaries/ Finishing Chemicals/ Construction Chemicals	Expansion of product basket	Introduction of range of finishing chemicals by 31.3.11 & launching of construction chemicals by 30.6.2010	Work on setting up facilities for processing construction chemicals is expected to be completed by 31.3.2011	20.33%	5.00	3.00	0.61	Delay in identifying acceptable target for acquisition/reaching agreement with suitable partners.
(d)	Lube Re-refining/ Blending Plant and Industrial Lubricants/ Greases	Initiatives towards raw materials security	consolidation of capacity in Western Region by 31.3.2011	Crystalisation of plant by 31.3.2010 & implementation by 31.12.11	41.67%	3.00	3.00	1.25	

STATEMENT - I

BALMER LAWRIE & CO. LIMITED
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING UPTO RS. 100 CRORES

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)			Remarks
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.10	2010-11 Original cost (Date of Approval)	2010-11 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.10	
(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, 2010	Identification of target company and agreement in acquisition/ strategic partnership by 31.12.10. In the process of increasing stake in existing JVCs by 31.3.2011.	--	10.00	17.38	--	Delay in identifying acceptable target for acquisition.
(f)	Others	Additions, alterations, renewals & replacement	By 31st March, 2011	By 31st March, 2011	28.45%	2.00	5.80	1.65	
	TOTAL					**47.00**	**47.00**	**14.00**	

STATEMENT - II

NUMLIGARH REFINERY LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING RS. 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)		Cumulative Financial Progress upto 31.12.10	Time/ cost over run	Remarks for time/ cost over run	Remedial measures taken/ proposed
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.09	Original cost (Date of Approval)	Revised cost (Date of Approval				
1	Siliguri Marketing Terminal Project	To provide a smooth, eliable and economical mode of product evacuation from Numaligarh Refinery to Siliguri.	22.09.2007	--	Project Commissioned	Rs.149.57 crores	Rs.186.23 crores	Rs.182.27 crores	The Siliguri Marketing Terminal is in operation since May, 2009		
2	Diesel Quality Upgradation Project	To comply with requirements of the 'Auto Fuel Policy' for production of Euro-III and Euro-IV HSD	31.3.2010	April 2010	Project Commissioned	Rs.434.94 crores	--	Rs. 339.26 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

NUMLIGARH REFINERY LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING RS. 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)			Time/ cost over run	Remarks for time/ cost over run	Remedial measures taken/ proposed
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.09	Original cost (Date of Approval)	Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.10			
3	Wax Project	Production of high value Paraffin and Micro-cyrstalline Wax	29.12.2013	--	Process Licensors Appointed. Project monitoring schedule shall be drawn up after fmalisation of EPCM consultant, whic! is under progres	Rs.576.60 crores	--	Rs.6.51 crores	The Wax Project has been approved for implementation on 30th June, 2010 with a project cost of Rs. 576.70 crores and implemention period of 42 months. The project is targeted to be completed by Dec, 2013.		

STATEMENT - II

NUMLIGARH REFINERY LTD.
PHYSICAL AND FINANCIAL PROGRESS REPORT OF VARIOUS PROJECTS / SCHEMES
COSTING RS. 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)			Remarks
			Original Date of Completion/ commissioning	Revised/ anticipated date of completion/ commissioning	Cumulative Physical Progress upto 31.12.10	2010-11 Original cost (Date of Approval)	2010-11 Revised cost (Date of Approval	Cumulative Financial Progress upto 31.12.10	
4	**Participation in Joint Venture Companies**								
a)	M/s Brahmaputra Cracker & Polymer Ltd. (Assam Gas Cracker Project) (GAIL/NRL/ OIL/GOA)	Inorganic growth	A joint venture company M/s Brahmaputra Cracker & Polymer Ltd. (BCPL) incorported on 8.1.07 with equity participation from M/s. GAIL (70%), M/s OIL (10%), NRL (10%) Govt. of Assam (10%) is implementing the Project. NRL's equity contribution is estimated at Rs. 110 crores and this amount has been earmarked for the project in the XIth Five Year Plan outlay. Upto 31.12.10, NRL had contributed Rs. 55.35 crores towards equity in the joint venture project. The project is scheduled for completion by April 2012.						
b)	M/s DNP Ltd. (Natural Gas Pipeline from Duliajan to Numaligarh (AGCL/ NRL/OIL)		NRL has signed an agreement with M/s Assam Gas Company Limited (AGCL) for transportation of natural gas from Duliajan to Numaligarh through a new pipeline. A joint venture company M/s DNP Ltd. incorporated on 15.6.07 is implementing the pipeline project. Equity structure of the joint venture company is: /s AGCL (51%), NRL (26%) & M/s OIL (23%), NRL has paid its entire equity amounting to Rs. 35.08 crores in the joint venture project. The project is targeted to be completed within the 4th quarter of 2010-11.						

STATEMENT - I

MANGALORE REFINERY AND PETROCHEMICALS LIMITED
PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES
COSTING UPTO RS. 100 CRORES

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)		Cumulatiave Financial Progress upto 31.12.2010	Time/ Cost overrun	Reasons for Time/ Cost overrun
			Original Date of Completion/ commissioning	Revised/ Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2010	Original Cost (Date of Approval)	Revised Cost (Date of Approval), If any			
Plan Capital Expenditure Schemes								(Rs. Crs.)		
1	Revamping of GCHDS	Increasing yield of Euro III / IV Diesel (Increase in capacity by about 25-30% of existing unit capacity of 4000 TPD)	Aug-2010	Apr-10	100.00%	80 (25.10.2005)	104.70 (28.10.2009)	92.34	24.70	Original cost estimate does not include cost of first charge of catalyst and PMC. EPCM cost which has been included in the revised cost estimate.

STATEMENT - II

MANGALORE REFINERY AND PETROCHEMICALS LIMITED
PHYSICAL AND FINANCIAL PROGRESS OF VARIOUS PROJECTS / SCHEMES
COSTING RS. 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)		Cumulatiave Financial Progress upto 31.12.2010	Time/ Cost overrun	Reasons for Time/ Cost overrun
			Original Date of Completion/ commissioning	Revised/ Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2010	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 Polypropylene 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 HSD 3. Capacity to process more sour and heavy crudes and high TAN Crude 4. Capacity expansion to 15 MMTPA 5. Supplement secondary processing facilities 6. Production of 440 TMTPA Polypropelene (a value added Petro-chemical Product)	June-2010	Mechanical completion by 31/10/2011 for Phase III Refinery Expenses cum upgradation project and 30th April, 2012 for Polypropelene Unit	69.50%	7943 (3/3/2006) (Excluding Polypropylene of Rs.1804 crs)	13964 (23/7/2009) (including Polypropylene of Rs. 1804 crs)	3649.23	No time over run as the zero date of 8/ 8/08 considering various factors by MRPL/ ONGC Board	A) For Time overrun -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) For Cost Overrun 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 OF VARIOUS PROJECTS / SCHEMES
COSTING RS. 100 CRORES OR MORE

Sl. No.	Name of the projects/ Schemes	Objective of the Project/Scheme	Physical Progress			Financial Progress (Rs. Cr.)		Cumulatiave Financial Progress upto 31.12.2010	Time/ Cost overrun	Reasons for Time/ Cost overrun
			Original Date of Completion/ commissioning	Revised/ Anticipated Date of Completion/ Commissioning	Cumulative Physical Progress upto 31.12.2010	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 Distillation unit and Vacuum Distillation Unit of Phase-I Refinery, MRPL. To enhance the capacity & efficiency	Aug. 2008	April, 2011 or during shutdown in 2011	81.56%	180 (25.10.2005)	NA	42.92	27 months	Delay by consulting engineers in finalising design basis for revamp resulting in consequential delay in awarding LSTK works.
3	Single Point Mooring Facility	Import of Crude through larger vessels - VLCC	To be completed by May, 2012	NA	Engineering work in progress	Rs. 1043.57 crs. (29-7-2010)	NA	Engineering work in progress	N.A.	--

CHAPTER-V

FINANCIAL REVIEW OF THE PROGRAMMES / ACTIVITIES

The Budget provision made for this Ministry for the year 2009-10 (Budget Estimates and Revised Estimates) and the Budget Estimates 2011-12 are shown as under :-

(Rs. in Crores)

Item	Year	Plan	Non-Plan	Total
Budget Estimates (BE)	2010-11	37.00	3142.00	3179.00
Revised Estimates (RE)	2010-11	37.00	30420.00	30457.00
Budget Estimates (BE)	2011-12	40.00	16676.20	16716.20

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 2011-12 (Non-Plan) of Rs. 16676.20 crore is higher as compared to BE 2010-11 of Rs. 3142 crore.

4. The Annual Plan Outlay 2010-11 (BE & RE) and 2011-12 (BE) for each programme/ activity are shown in Part "A" of Statement-II. The Annual Plan outlay for 2011-12 for various programmes/activities is of the order of Rs.74811.82 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 2011-12 (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 2011-12 of Oil PSUs under the Petroleum and Natural Gas sector stands at Rs.74811.82 crore, out of which Rs. 54934.95 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 2009-10 actual expenditure upto 31.12.2010 and Budget Estimates 2011-12 are shown below:

Actual Plan expenditure of Oil PSUs	2009-10			2010-11			2011-12
	BE	**RE**	**Actual**	**BE**	**RE**	**Actual up to 31.12.2011**	**BE**
	57475.74	58095.42	54813.00	69457.79	70050.84	39926.18	74811.82

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 Rs. 695.58 crore, out of which Rs. 435 crore would be on account of Capital expenditure. Budgetary support of Rs. 285 crore has been approved during XI Plan. Gross Budgetary Support of Rs. 39 crore has been approved for the year 2011-12.

8. A Plan Scheme has been formulated for providing one time assistance of Rs. 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 during the remaining period of ongoing Eleventh Five Year Plan. Rs one crore has been provided for the purpose.

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

Statement I

Budget Statement For The Year 2010-11

Rs. in crore

SL.No.	Major Head/Unit	BE 2010-11			RE 2010-11			BE 2011-12		
		Plan	Non-plan	Total	Plan	Non-plan	Total	Plan	Non-plan	Total
A	**Revenue Section**									
1.	3451-Sectt.	0.00	17.40	17.40	0.00	19.40	19.40	0.00	20.60	20.60
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	2900.00	2900.00	0.00	2900.00	2900.00	0.00	3050.00	3050.00
	d) Freight subsidy on retail products for the far flung areas	0.00	25.00	25.00	0.00	25.00	25.00	0.00	26.00	0.00
	e) Compensation to Oil marketing Companies towards under recoveries on account of sale of sensitive petroleum products	0.00	0.00	0.00	0.00	35000.00	35000.00	0.00	13000.00	13000.00
	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	183.00	183.00	0.00	461.00	461.00	0.00	564.00	564.00
	h) Petroleum & Natural Gas Regulatory Board	0.00	15.00	15.00	0.00	13.00	13.00	0.00	14.00	14.00
	i) Society for Petroleum Laboratory	0.00	1.60	1.60	0.00	1.60	1.60	0.00	1.60	1.60
	j) Rajiv Gandhi Institute of Petroleum technology	36.00	0.00	36.00	36.00	0.00	36.00	39.00	0.00	39.00
	k) Scheme for LPG connections for BPL families	1.00	0.00	1.00	1.00	0.00	1.00	1.00	00.00	1.00
	Total-Revenue	37.00	3142.00	3179.00	37.00	38420.00	38457.00	40	16676.20	16716.20
B	**Capital Section**									
3.	**Major Head 4802**	0.00	0.00	0.00	0.00	101.5315*	101.5315*	0.00	0.00	0.00
4.	**Major Head 6802**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.	**Grand Total**	37.00	3142.00	3179.00	25.00	101.5315*	101.5315*	0.00	0.00	0.00

* There is no outgo of funds.

OIL AND NATURAL GAS CORPORATION LTD.

SCHEME WISE DETAILS OF PLAN OUTLAY & EXPENDITURE(FOR SCHEMES/PROJECTS TO BE FINANCED WHOLLY BY DOMESTIC RESOURCES)

Sl. No.	Name of Project / Scheme	2010-11 BE	RE	2011-12 BE
1	2	3	4	5
	CAPITAL PROJECTS			
A	**ONGOING SCHEMES AT THE BEGINNING OF 10TH PLAN**			
1	EXPANSION TATIPAKA PH-II	19.75		
2	MHN REDEVELOPMENT PHASE-II	534.48	1253.60	483.20
B	**PROJECTS CONCEPTUALISED/ APPROVED DURING 10TH PLAN**			
3	VASAI EAST DEVELOPMENT	0.00	44.80	0.00
4	D-1 DEVELOPMENT & ADDL DEV. OF D-1	215.38	562.40	318.40
5	G-1 & G-15 DEVELOPMENT	150.00	528.80	171.20
6	REBUILDING OF MHN PLATFORM	1385.49	2244.00	1504.80
7	DEV. WEST COAST- SHALLOW WATER (WO-16, Clustr-7))	53.29	8.00	280.00
8	C-SERIES DEVELOPMENT	0.00	40.00	0.00
9	ASSAM RENEWAL PROJECT	250.00		
C	**NEW PROJECTS ENVISAGED DURING 11TH PLAN**			
10	GRID CONNECTIVITY &ESP-MH	164.66	160.00	160.00
11	HEERA REDEVLOPMENT	6.76	30.40	0.00
12	HEERA RECONSTUCTION	189.24	295.60	59.20
13	NEELAM RECONSTRUCTION	81.70	127.60	25.60
14	WEST COAST CLUSTER DEV(B46+B193+B22)	1192.42	2164.00	2160.00
15	BARGE BUMPER & RISER PROTECTION(Ph I+II)	5.33	19.20	0.00
16	ADDL. GAS SWEETENING & LPG TRAIN-URAN	226.07	49.85	225.38
17	MINI LPG PLANT CPF GANDHAR	0.43		
18	DEVELOPMENT NEW FINDS (N. TAPTI)		308.80	135.20
19	NQ REVAMP PROJECT	10.66	72.00	0.00

Sl. No.	Name of Project / Scheme	2010-11 BE	RE	2011-12 BE
1	2	3	4	5
20	M H S REDEVELOPMENT PHASE-II	1000.22	1564.00	79.20
21	URAN GAS PIPE LINE			
22	PIPELINE REPLACEMENT PROJECT -II	615.48	880.00	336.80
23	WIN REVAMP PROJECT	103.38	35.20	348.00
24	NQD & ICP ENHANCEMENT	0.00	21.60	0.00
25	MNW-NF BRIDGE	39.97	80.00	15.20
26	26 & 30 WPP	19.71	43.20	16.80
27	ADDL. FACILITY AT HAZIRA	93.37	43.31	198.05
28	MISC.SCHEMES/BALANCE PAYMENTS	1516.94	529.60	1525.48
	SUB TOTAL SCHEMES	**7874.73**	**11105.96**	**8042.51**
	CAPITAL PURCHASES & UPGRADATION			
29	RIGS & EQUIPMENTS	720.21	458.70	977.03
30	LOGGING UNITS & ACCESSORIES	57.62	43.07	189.67
31	IT PROJECTS & UPGRADATION	180.26	69.31	182.98
32	REVAMPING & REFURBISHMENT FACILITIES	93.24	79.07	397.23
33	LAND, CIVIL WORKS & OTHERS	837.51	558.57	1191.36
	TOTAL SCHEMES & CAPITAL ACQUISITION	**9763.57**	**12314.68**	**10980.78**
34	R&D INCLUDING INSTITUTES	390.00	351.00	368.55
35	SURVEY	2455.69	2035.83	1863.53
36	EXPLORATORY DRILLING	8470.17	8310.88	9300.58
37	DEVELOPMENT DRILLING	3633.06	3328.03	4854.93
38	JV PROJECTS DOMESTIC	1350.53	2101.36	1431.64
39	JV PROJECTS OVERSEAS /INT. PROJECTS	460.00	762.02	1240.01
	TOTAL OUTLAY	**26523.02**	**29203.80**	**30040.02**

Part A of Statement II

ONGC Videsh Ltd

Budget Statement for the year 2011-12

' Crore

Sl. No.	Name of the Project	2010-11 BE	2010-11 RE	2011-12 BE
I	**OPERATED PROJECTS**			
1	Myanmar AD2	1.58	0.52	-
2	Myanmar AD3	1.25	0.59	-
3	Myanmar AD9	1.09	0.57	-
4	Vietnam - 127	-	-	-
5	Vietnam - 128	18.60	8.34	76.45
6	Libya 81-1	22.13	0.73	-
7	Contract Area 43 Libya	25.73	10.81	39.18
8	Cuba-1(Blk-34,35)	35.73	9.10	45.84
9	Qatar- Najwat Najem	-	-	-
10	Iraq, Block 8	4.65	-	-
11	Sudan Pipeline	-	-	-
12	Caribean - RC8	2.97	3.26	6.44
13	Caribean - RC10	3.67	5.28	5.02
14	Iran - Farsi	19.93	2.85	3.35
15	BM-ES-42	21.39	3.87	7.12
16	BM-S-73	434.68	60.20	241.37
17	Imperial Energy (Jarpeno)	1,049.81	953.61	640.26
18	CPO5	28.37	74.75	24.52
	Sub Total	**1,671.58**	**1,134.48**	**1,089.56**
II	**JOINTLY OPERATED PROJECTS**			
1	GNOP,SUDAN	499.18	453.77	479.40
2	MECL COLOMBIA	204.60	479.60	475.60

Sl. No.	Name of the Project	2010-11 BE	2010-11 RE	2011-12 BE
3	OMEL-NIGERIA OPL 279	248.78	26.75	3.17
4	OMEL-NIGERIA OPL 285	168.75	130.81	9.61
5	Carabobo, Venezuela	-	254.57	463.22
6	PIVSA - Sancristobal, Venezuela	55.35	186.01	284.76
	Sub Total	**1,176.65**	**1,531.52**	**1,715.76**
III	**NON OPERATED PROJECTS**			
1	AFPC, SYRIA	61.85	58.10	61.94
2	BLOCK-BC10,BRAZIL	371.12	424.65	430.14
3	ONL -JDZ BLOCK 2	4.65	-	-
4	Sakhalin-1	2,464.50	1,845.94	2,070.59
5	Block 5A, Sudan	164.52	80.35	99.39
6	Block 5B, Sudan	-	-	-
7	Vietnam 06.1	175.91	146.32	470.85
8	Myanmar A1	390.76	96.00	394.80
9	Myanmar A3	120.09	99.88	125.05
10	Libya 189	4.65	4.55	4.45
11	Cuba-2(24,25,26,27,29,35)	18.60	4.85	5.10
12	Egypt - North Ramadan	79.05	-	-
13	Syria-Block 24	16.19	95.96	121.22
14	Nemed, Egypt	27.90	-	-
15	MTPN-CONGO	4.65	-	-
16	Caribean - RC9	1.72	8.94	7.98
17	Turkmenistan			
18	BM - BAR1, Brazil	2.79	20.38	2.14
19	BM - SEAL4, Brazil	54.17	243.79	1.16
20	Colombia, SSJN7	52.59	1.41	35.60

Sl. No.	Name of the Project	2010-11 BE	2010-11 RE	2011-12 BE
21	Myanmar - Offshore Midstream	145.22	113.74	109.47
22	Myanmar - Onshore Midstream	23.25	144.62	322.70
23	Satpayev, Kazakhstan		447.45	28.48
24	BMS-74, Brazil		4.55	130.27
	Sub Total	**4,184.17**	**3,841.50**	**4,421.32**
IV	**NEW PROJECTS**	1,609.68	100.01	1,446.25
V	**FIXED ASSETS**	**20.70**	**13.34**	**14.05**
	GRAND TOTAL - PLAN OUTLAY	**8,662.79**	**6,620.85**	**8,686.93**

OIL INDIA LIMITED

Sl. No.	Name of the Scheme	2010-11 BE (Approved)	2010-11 RE (Anticipated)	2011-12 BE (Proposed)
1	Other back up equipment and facilities-Assam	289.00	318.00	426.90
2	Optical fibre communication system for main trunk pipelines			
3	Drilling and surveys-Assam and AP	1249.12	840.06	1177.16
4	Rajasthan (Survey)	7.36	5.57	5.70
5	Main trunk pipelines	50.00	11.00	2.80
6	Rajasthan (Drilling)	31.53	26.04	33.29
7	Mahanadi Onshore	0.00	5.74	0.00
8	Bay Exploration Project /NEC	7.61	0.00	5.93
9	R&D including Oil Shale studies-Assam	5.00	2.00	5.00
10	Ganga Valley (Survey)-UP	3.25	1.20	0.00
11	Ganga Valley(Exp. Drilling) feasibility study-UP	0.00	0.00	0.00
12	Rajasthan Gas Dev.Project-RP	4.00	0.60	1.20
13	Overseas Projects	251.61	311.08	144.46
14	NELP Blocks:-			
14	G&G-Operated	114.29	112.07	139.15
14	G&G Non-Operated	16.20	25.25	31.73
14	Drilling-(Exp+Devl)-Operated	192.21	59.65	323.65
14	Drilling Non-Operated	213.79	163.30	202.68
15	Pre-NELP-JV Blocks-JVC:-			
15	G&G JV Blocks-Non-Operated	0.00	15.92	0.00
15	Drilling (Exp+Devl)	0.00	26.94	15.00
16	Other investments	2030.00	2288.58	665.68
	Total	**4464.98**	**4212.99**	**3180.33**

Sl. No.	Description (Xth & XIth Plan Schemes)	2010-11 BE	2010-11 RE	2011-12 BE
A)	**PETROLEUM**			
	i) CONTINUING SCHEMES			
1	G1 (KESNAPALLE) - BODASAKURU PIPELINE PROJECT	8.70	0.10	2.43
2	KANDLA-SAMRKHIALI P/L PROJECT	21.35	20.87	9.00
3	CREATION OF INVENTORY	29.60	19.69	11.18
4	EXPLORATION & PRODUCTION	491.45	252.17	445.39
5	EQUITY INVESTMENTS IN PROJECT	222.98	80.41	150.00
6	RATNAGIRI POWER PVT. LTD. (DABHOL)	70.00	106.60	103.00
7	EXPANSION of CNG PROJECT IN VADODARA	-	8.65	-
8	BUSINESS DEVELOPMENT PROJECTS			
	(M&A,GLOBOLISATION, DIVERSIFICATION , OTHERS)	-	1.60	2.20
9	WIND ENERGY PROJECT /SOLAR ENERGY PROJECT	0.50	8.82	150.00
10	WASTE HEAT RECOVERY PROJECT -WAGODIA	32.85	6.35	19.00
11	INSTALATION OF LPG PUMP AT VIJAIWADA		0.50	16.20
12	INVESTMENT IN OPAL PROJECT	250.00	595.00	50.00
13	UPCOMMING LNG PROJECT	6.00	-	-
14	JV WITH CHINA GAS	0.50	-	-
15	GLOB I & GLOBE-II	0.50	-	-
16	PFS FOR SMALL SCALE LNG PILOT PROJECT	0.50	-	-
17	DFR/PFR FOR INTERSTATE PIPELINES	9.00	0.35	6.62
18	REGIONAL/INTERSTATE PIPELINES - PROJECT DEVELOPMENT	1.00	1.79	5.54
19	DVPL -GREP UPGRADATION (VIJAIPUR-DADRI P/L) PROJECT	75.00	192.00	2.00
20	DVPL -GREP UPGRADATION (DAHEJ -VIJAIPUR P/L) PH-II	1,303.15	1,310.00	199.74
21	COMPRESSOR STATION -JHABUA- PH-I & II	195.57	382.00	43.00
22	COMPRESSOR STATION -VIJAIPUR PH-I & II	195.57	371.00	89.00

Sl. No.	Description (Xth & XIth Plan Schemes)	2010-11 BE	2010-11 RE	2011-12 BE
23	COMPRESSOR STATION -KALARAS PH-I & II	91.62	178.00	156.76
24	COMPRESSOR STATION -CHAINSA PH -I & II	77.15	181.00	156.50
25	CHAINSA- JHAJJAR SPURLINE PROJECT	57.75	91.00	8.44
26	JHAJJAR - HISSAR PIPELINE PROJECT	50.85	0.39	5.00
27	CHAINSA- JHAJJAR - BAMNOLI PIPELINE PROJECT	36.87	29.16	32.29
28	DADRI -BAWANA P/L PROJECT	4.40	25.00	-
29	BAWANA - NANGAL P/L PROJECT	900.00	600.00	204.45
30	JAGDISHPUR - HALDIA PIPELINE PROJECT	20.00	1.00	5.00
31	DABHOL - BANGALORE PIPELINE PROJECT PH-I & PH-II	400.00	255.86	1,500.00
32	BAWANA - NANGAL SPURLINES		60.00	200.00
33	VIJAIPUR KOTA SPURLINES		71.00	200.00
34	KOCHI - KOOTTANAND P/L PH-I & PH-II	92.00	73.00	400.00
35	INTER STATE/TRANS NATIONAL PIPELINE OTHERS	15.00	-	-
36	WASTE HEAT RECOVERY	10.00	-	-
37	SMALL PIPELINE PROJECT	2.96	0.40	-
38	FOCUS ENERGY PIPELINE	17.47	29.39	1.50
39	CONNECTIVITY TO NDPL	8.00	10.98	0.25
40	LAST MILE CONNECTIVITY TO RELIANCE COSTOMER IN KG BASIN	8.00	13.17	3.75
41	MGL CONNECTIVITY AT MAHAPE	4.00	5.00	-
42	CONNECTIVITY TO BANMORE, MALANPUR, DEVAS & PITAMPURA COSTOMER	32.00	7.55	-
43	FEEDER LINE FOR UJJAIN,& GWALIOR CGS	22.00	5.15	2.00
44	FEEDER LINE TO CGS TO MIDC VILE BH		6.90	6.90
45	FEEDER LINE TO CGS TO MIDC TARAPUR		11.65	11.65
46	FEEDER LINE TO CGS TO MIDC KHED		6.30	6.30
47	CGS , SONIPAT M/S GGL		1.24	-
48	CGS , MEERUT CITY M/S GGL		20.00	20.00

Sl. No.	Description (Xth & XIth Plan Schemes)	2010-11 BE	2010-11 RE	2011-12 BE
49	CONNECTIVITY TO 16 CONSUMER S		1.88	20.00
50	CONNECTIVITY TO IGL GAZIABAD & BENLON INDIA		5.78	-
51	KG BASIN COSTOMERS (SILK ROAD , SILICA RAK CERMICS)	5.00	3.69	0.78
52	AGRA-FIROZABAD CAPACITY UPGRADATION	70.00	50.00	6.87
53	KARANPUR-MORADABAD-KASHIPUR-RUDRAPUR P/L	100.00	62.00	61.86
54	CONNECTIVITY TO MUMBAI & PUNE COSTOMER	26.00	9.98	0.70
55	CONNECTIVITY TO SURYA ROSHNI, RVK ENERGY, SARVANA GLOBAL		0.17	-
56	CONNECTIVITY TO ESSAR	6.50	-	-
57	CONNECTIVITY TO NCR COSTOMER	25.00	12.27	-
58	GMR CONNECTIVITY IN KG BASIN	8.50	2.00	-
59	LINGALA CONNECTIVITY IN KG BASIN	8.00	0.30	-
60	SEGREGATION OF KG BASINB NETWORK	5.00	0.20	-
61	CHAKERI CNG TAP-OFF	1.60	0.80	-
62	CONNECTIVITY TO ROHTAK		0.09	11.20
63	CONNECTIVITY TO NEW CGS	25.00	-	-
64	AURAIYA -SCHANDI P/L	3.00	-	-
65	OTHER NEW SCHEME	12.00	-	-
66	INVESTMENT IN LNG PROJECT	0.50	-	15.00
67	BETTIAH POWER PROJECT	1.00	0.50	0.10
68	INVESTMENT IN NGMP PROJECT	0.50	0.10	0.10
69	INVESTMENT IN OPAL DOWN STREAM	1.00	-	0.10
70	SOLAR ENERGY PROJECT	-	-	2.50
71	USAR POWER PROJECT		1.00	2.00
72	SOUTH EAST ASIA GAS P/L	50.00	80.00	181.26
73	LPG STORAGE AUGMENTATION	0.40	-	-
	TOTAL PETROLEUM	**5,113.29**	**5,271.80**	**4,527.56**

Sl. No.	Description (Xth & XIth Plan Schemes)	2010-11 BE	2010-11 RE	2011-12 BE
	PETROCHEMICALS	-	-	-
74	INSTALATION OF 6TH FURNANCE AT PATA	66.66	67.00	-
75	PATA EXPANSION PROJECT	5.00	-	-
76	PETROCHEMCIAL & GAS PROCESSING PLANT INCLUDING DFR/PFR STUDIES	-	0.10	5.00
77	KOCHI PETROCHEMICAL/PDHP PLANT	0.05	-	-
78	ASSAM GAS CRACKER (BCPL)	240.00	285.00	260.00
79	CAPACITY AGUMENTATION OF PATA UPTO 800KTA	60.00	135.00	300.00
80	OTHER PFR/DFR STUDIES	-	5.00	5.00
81	CAOL GASIFICATION PROJECT	25.00	1.00	20.00
82	PE COMPOUNDING FACILITY		0.10	32.44
	TOTAL PETROCHEMICALS—B —(i+ii)	**396.71**	**493.20**	**622.44**
	A+B TOTAL CAPITAL EXPENDITURE - PLAN	**5,510.00**	**5,765.00**	**5,150.00**

INDIAN OIL CORPORATION LIMITED

Sl. No.	Name of the Scheme	2010-11 BE	2010-11 RE	2011-12 BE
1	2	3	4	5I
REFINING & MARKETING				
A	**REFINERIES**			
1	Grassroot refinery in Eastern India at Paradip	5500.00	4500.00	9000.00
2	Expansion of Panipat Refinery by 6 MMTPA (PREP)	10.00	10.00	0.00
3	Expansion of Panipat Refy from 12 to 15 MMTPA (PREAP)	250.00	250.00	135.00
4	Installation of facilty for improvement in diesel quality & distillate yield at Haldia Refinery (OHCU at Haldia)	290.00	310.00	155.00
5	Residue upgradation & MS-HSD quality improvement at Gujarat Refy	1000.00	1000.00	400.00
6	MS Quality Improvement projects at Panipat Refinery	90.00	100.00	15.00
7	MS Quality Improvement projects at Barauni Refinery	560.00	500.00	180.00
8	Miscelleneous completed projects	10.00	10.00	0.00
9	FCC Gasoline Desulphurisation at Mathura	75.00	40.00	5.00
10	ISOM-Digboi & Naphtha Splitter at Guwahati	167.00	120.00	30.00
11	High Sulphur crude maximisation at Barauni	10.00	5.00	5.00
12	Distillate Yield Improvement (Coker) in Haldia	60.00	10.00	5.00
13	FCC Rewamp at Mathura	100.00	16.00	150.00
14	Expansion to 11 MMTPA along with Coker at Mathura	10.00	5.00	5.00
15	Gujarat Refinery Expansion to 16 MMTPA	10.00	5.00	5.00
	BONGAIGAON REFINERY (erst. BRPL)			
1	Diesel Quality Upgradation (DHDT) at Bongaigaon Refinery	286.00	200.00	85.00
2	MS Quality Improvement projects at Bongaigaon Refinery	152.00	94.00	23.00
3	INDMAX at Bongaigaon Refinery	100.00	1.00	5.00
	Sub-Total (Refineries) - A	**8680.00**	**7176.00**	**10203.00**

Sl. No.	Name of the Scheme	2010-11 BE	2010-11 RE	2011-12 BE
1	2	3	4	5
B	**PIPELINES**			
1	Paradip-Haldia crude oil pipeline	55.00	26.00	0.00
2	Koyali-Ratlam product pipeline	4.00	0.00	0.00
3	Dadri-Panipat R-LNG spurline	28.00	27.00	0.00
4	Chennai-Bangalore product pipeline	38.00	25.00	0.00
5	Paradip-New Sambalpur-Raipur-Ranchi product pipeline	250.00	270.00	600.00
6	Branch pipeline from Panipat-Delhi section of MJPL to Tikri Kalan	27.00	12.00	7.00
7	Branch pipeline from KSPL, Viramgam to Kandla	200.00	175.00	130.00

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

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	8686.93	5238.68	0	0	0	0	3448.25	0	0	8686.93
2	ONGC	30040.02	30040.02	0	0	0	0	0	0	0	30040.02
3	OIL	3180.33	9673.74	0	0	0	0	0	0	0	9673.74
4	GAIL	4527.56	527.56	0	0	1500	1500	1000	0	0	4527.56
5	IOC	600	261	0	0	0	83	256	0	0	600
6	HPCL	460	460	0	0	0	0	0	0	0	460
7	BPCL	0	0	0	0	0	0	0	0	0	0
Sub-Total (A)											
REFINING & MARKETING											
1	HPCL	3540.9	580.9	0	1285	900	0	775	0	0	3540.9
2	BPCL	2865.15	0	0	865.15	0	2000	0	0	0	2865.15
3	CPCL	1053.92	177.04	0	0	0	0	550	326.88	0	1053.92
4	IOC	13000	5648	0	0	0	1793	5559	0	0	13000
5	NRL	57.47	57.47	0	0	0	0	0	0	0	57.47
6	MRPL	5164	1164	0	4000	0	0	0	0	0	5164
Sub-Total (B)											

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

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
PETROCHEMICAL											
1	IOC	900	391	0	0	0	124	385	0	0	900
2	HPCL	2.1	2.1	0	0	0	0	0	0	0	2.1
4	CPCL	0	0	0	0	0	0	0	0	0	0
6	GAIL	622.44	622.44	0	0	0	0	0	0	0	622.44
8	NRL	43	43	0	0	0	0	0	0	0	43
9	MRPL	0	0	0	0	0	0	0	0	0	0
Sub-Total (C)											
ENGINEERING											
2	Balmer Lawrie Ltd.	60	40	0	0	0	0	20	0	0	60
3	Biecco Lawrie Ltd.	8.00	0	0	8	0	0	0	0		8.00
Sub-Total (D)											
Grand Total (A+B+C+D)											

STATEMENT-II
Part-C

PLAN OUTLAY

(Rs. in Crore)

S.No.	Name of PSU	Acutal 2007-08	Acutal 2008-09	Acutal 2009-10	BE 2010-11	RE 2010-11	Actual Upto 31-12-2010	BE 2011-12
	EXPLORATION							
	OVL	4529.26	16104.89	4991.9	8662.79	6620.85	3259.7	8686.93
	ONGC	17651.04	21820.12	23559.05	26523.02	29203.8	17395.85	30040.02
	OIL	1210.33	1631.89	1556.86	4464.98	4212.99	1228.83	3180.33
	GAIL	1317.84	2716.22	3540.95	5113.29	5271.8	3640.89	4527.56
	IOC	218.24	195.59	222.22	335	400	240.74	600
	HPCL	36.96	89.94	249.59	300	335	52.14	460
	BPCL	87.39	400	200	900	996.31	397.45	798
	Sub Total(A)	**25051.06**	**42958.65**	**34320.57**	**46299.08**	**47040.75**	**26215.6**	**48292.84**
	Refining & Marketing							
	HPCL	1656.82	1204.69	2832.11	3621	4350.5	2399.12	3543
	BPCL	732.22	1575.64	2890.47	2122	1818	1243.11	2067.15
	CPCL	159.8	422.96	892.51	1079.9	866.88	464.95	1053.92
	KRL	0	0	0	0	0	0	0
	BRPL	251.82	0	0	0	0	0	0
	IOC	2235.12	5451.79	8767.69	10301	8682	3966.65	13000
	EIL	0	0	0	0	0	0	0
	IBP Co. Ltd.	0	0	0	0	0	0	0
	NRL	59.24	108.42	229.04	202.24	123.51	91.96	57.47
	MRPL	59.24	108.42	229.04	202.24	123.51	91.96	57.47
	Sub Total(B)	**5154.26**	**8871.92**	**15840.86**	**17528.38**	**15964.4**	**8257.75**	**19779.01**
	Petrochemical							
	IOC	2436.08	4705.14	3266.25	2189	2918	1945.1	900
	HPCL	30.91	0	0	3	0	0	2.1
	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	0.32	0	0	0	0	0	0
	GAIL	31.33	70.1	159.1	396.71	493.2	251.89	622.44
	ONGC	0	0	0	0	0	0	0
	NRL	4.19	28.28	0	35	35	22.88	43
	MRPL	0	15	56.2	426.87	416.88	78.35	530
	Sub Total(C)	**2502.83**	**4818.52**	**3481.55**	**3050.58**	**3863.08**	**2298.22**	**2097.54**
	Engineering							
	IBP Co. Ltd.	0	0	0	0	0	0	0
	Balmer Lawrie Ltd.	17.22	19.1	41.34	47	47	14	60
	Biecco Lawrie	0	0	0	5	5	0	8
	Sub Total (D)	**17.22**	**19.1**	**41.34**	**52**	**52**	**14**	**68**
	Grand Total (A+B+C+D)	**32759.44**	**56826.26**	**53684.32**	**66930.04**	**66920.23**	**36785.57**	**70237.39**

CHAPTER VI

REVIEW OF PERFORMANCE OF STATUTORY AND AUTONOMOUS BODIES

1. OIL AND NATURAL GAS CORPORATION LIMITED (ONGC)

Oil & Natural Gas Commission was established on 14th August 1956 as a statutory body under Oil & Natural Gas Commission Act for the development of petroleum resources and sale of petroleum products. As on 31.3.2010, the authorized share capital of ONGC was Rs.15000 crore. The paid up equity capital is Rs.2138.892 crore.

The major part of ONGC's oil and gas production comes from its offshore fields with Mumbai as the centre. Onshore producing areas are located in the states of Andhra Pradesh, Assam, Gujarat, Rajasthan, Tamil Nadu and Tripura.

PHYSICAL PERFORMANCE

			2009-10		2010-11			2011-2012
Sl.No.	Product	Unit	BE	Actual	BE	RE	Actual* Apr-Dec '10	BE
1.	Crude Oil	MMT	26.95	24.671	25.425	24.550	18.411	24.774
2.	Gas Prod	BCM	22.248	23.108	21.483	22.921	17.374	23.536
3.	Gas Supplies	BCM	16.985	18.240	16.579	17.978	13.803	18.530
4.	VAP#	000'T	3309	3457	3084	3260	2355.64	3358

*Provisional
#Value Added Products = LPG, C2-C3, SKO, Naphtha, HC, HSD etc.

SOURCES OF GENERATION OF FUNDS FOR THE BUDGET

The pattern of Internal Resources generation for the years 2010-11(RE) and 2011-2012 (BE) are as given in the table below:-

(Rs. Crores)

Particulars	2010-11 (RE)	2011-12 (BE)
Net Internal Resources available for Plan	**29203.80**	**30040.02**
Extra Budgetary Resources	0.00	0.00
Total Internal and Extra Budgetary Resources	29203.80	30040.02
Plan Outlay	**29203.80**	**30040.02**
Budgetary Support	0.00	0.00

Revenue Generation **Rs. Crore**

2009-10	2010-11		2011-12
Actual	Anticipated (RE)	Actual (April-Dec. 2010)	Projected
61663.19	65799.92	50598.00	67017.11

Profit Before Tax **Rs. Crore**

2009-10	2010-11		2011-12
Actual	Anticipated (RE)	Actual (April-Dec. 2010)	Projected
24983.84	24244.45	23865.00	22570.90

Profit After Tax **Rs. Crore**

2009-10	2010-11		2011-12
Actual	Anticipated (RE)	Actual (April-Dec 2010)	Projected
16767.55	16191.05	16133.00	15073.41

Note : The Actual (April-Dec.2010) figures are provisional

FINANCIAL PERFORMANCE

The highlights of the financial performance are given at Annexure 'A'.

GENDER BUDGETING

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 2014 women employees, 172 women officers are at Corporate level. The total percentage of women employees in the workforce as on 01.01.2011 is 6.15%.

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

I. Statutory obligations

- All statutory obligations as per the Factories Act 1948 with respect to setting up of creches 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.

(ii) Training & Development:

Adequate representation to 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 work centres 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.

During 2010-11(till 31.10.2010), the ONGC Academy organized two customized programmes for Women Executives. Regional Training Institute, Chennai conducted and exclusive programme on “Health & Nutrition” for women employees and spouses of ONGC officials and another one was organized exclusively for SC/ST women employees. RTI, Vadodara organized Programme on Women Empowerment & Positive Health as well Orientation Training for SC/ST women employees benefitting a large number of women officials. ONGC also sent 10 women executives for training/seminars /workshops/conferences abroad during this period.

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(iii) 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 2009-10and 2010-11(till date), ONGC supported certain initiatives and programmes which aimed at benefiting women especially those belonging to the weaker sections of the Society.

(iv) Women Development Programme:

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 deal with:

- Welfare of women employees,
- Improvement in working conditions,
- Training & Development,
- Redressal of Grievances.
- Code of conduct at the work place and
- 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 **Annexure-A**

Financial Efficiency Parameters

Sl. No.	Details	2009-10 Actual	2010-11 BE	2010-11 RE	2010-11 Actual 1/4/2010 to 31/12/2010	2011-12 BE
1	Sales	61939.79	56822.84	66067.87	53277.18	67215.36
2	Cost of Sales	36955.95	40038.12	41823.41	29208.27	44644.46
3	Cost of Sales as percentage of Sales	60%	70%	63%	55%	66%
4	Total Cost of Production	30236.86	27417.87	34845.38	23951.37	37582.58
5	Total Sale Value of Production	55220.70	44202.59	59089.83	48020.28	60153.48
6	Cost of Production as percentage of Sale value of production	55%	62%	59%	50%	62%
7	Total Value added	38155.91	26076.09	40114.31	33253.27	40472.45
8	Value added per employee	1.16	0.75	1.16	1.01	1.17
9	Ratio of Net Profit After Tax to Net Worth	19%	14%	17%	17°/	15%
10	Ratio of Gross Margin to Capital employed	57%	47%	47%	41%	42%
11	Contribution to Central Govt. Exchequer					
	(a) Cess/Excise Duty	5950.43	6313.95	6267.42	4620.32	6362.90
	(b) Royalty	2791.09	3011.41	3585.41	2806.61	3697.58
	(c) Customs Duty	0.00	0.00	0.00	0.00	0.00
	(d) Corporate tax	8002.72	6163.03	8053.40	7731.67	6163.03
	(e) Tax on Foreign Companies A/c	0.00	0.00	0.00	0.00	0.00
	(f) Dividend	6844.39	6844.39	7058.28	11722.19	6844.39
	(g) Tax on Dividend	1163.20	1163.20	1172.29	0.00	1163.20
	Sub-total (11)	24751.83	23495.98	26136.80	26880.79	24231.10
12	Contribution to State Government Exchequer					
	(a) Sales Tax including turnover tax	320.23	281.81	291 15	248.90	291.27
	(b) Royalty	2698.86	2599.56	3466.93	2713.86	3575.40
	(c) Octroi/BPT Duties	448.43	413.52	419.46	387.68	407.71
	Sub-Total (12)	3467.52	3294.89	4177.54	3350.44	4274.38
12A	Total Contribution to Central/State Exchequer (11 + 12)	28219.35	26790.86	30314.35	30231.23	28505.48
13	Number of Employees on roll					
	(a) Officers	23276	24506	24506	23381	24426
	(b) Workmen (Technical)	5938	6252	6252	5965	6233
	(c) Workmen (Non-Technical)	3612	3803	3803	3628	3791
	Sub-total (13)	32826	34560	34560	32974	34447
14	Total Manpower Cost	1052.00	947.00	1104.00	0.00	1157.00
15	Retained Profit	8759.95	5088.83	7960.48	4410.96	6842.84
16	Internal Resources Generated	23352.53	14497.91	22597.76	19933.54	17423.36
17	Net Internal Resources	23559.05	26523.00	29204.38	18302.23	30040.47
18	Approved Plan outlay restricted to	23559.05	26523.00	2920438	18302.24	30040.47
19	Foreign exchange outgo					
	(a) Services	0.00	0.00	0	0	0
	(b) Interest and Repayment of Foreign Loans & others	0.00	0.00	0	0	0
	Sub-total (19)	0.00	0.00	0	0	0
20	Profit Before Tax (after Interest & Depreciation)	24983.84	19259.45	24244.45	23864.82	22570.90
21	Provision for Tax	8216.29	6163.03	8053.40	7731.67	7497.49
22	Profit after Tax	16767.55	13096.42	16191.05	16133.15	15073.41

2. ONGC VIDESH LIMITED (OVL)

OVL, a wholly owned subsidiary of ONGC, was incorporated as Hydrocarbons India Private Limited on March 5, 1965, with an initial authorized capital of Rs. 5 Lakhs, 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 capital of OVL as on 31.3.2010 were Rs.1000 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 Rs. 200 Crore, which in February 2005 was increased to US$ 75 Million or Rs. 300 Crore, whichever is less. Projects beyond this value require consideration of an 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 company in terms of its oil and gas reserves and production (1st being ONGC, the parent company of OVL). OVL Currently has presence in 15 countries; Vietnam, Sudan, Russia, Iraq, Iran, Myanmar, Libya, Syria, Egypt, Cuba, Colombia, Nigeria, Brazil, Venezuela & joint development zone(Nigeria STP), and has 40 oil and gas projects. Nine projects are hydrocarbon producers. Four projects are under development and remaining 26 projects are in various stages of exploration. One Pipeline project, an engineering project at Sudan was completed in 2005.

OVL started with a small oil and gas production in 2002-03 which had increased to 8.870 million tons of oil and oil equivalent (MMTOE) in 2009-10, of which 6.489 MMT is oil and condensate and 2.381 BCM is gas. The consolidated turnover of OVL during the financial year 2009-10 was Rs. 15,464.45 Crore registering a 16.42% decrease from the previous year's turnover of Rs.18,503.50 Crore and the profit after tax was Rs. 2089.58 Crore, against Rs. 2806.70 Crore for 2008-09 (25.55 % decrease). This was due to less oil price realization in 2009-10.

PHYSICAL PERFORMANCE

Sl. No	Products	Unit	2009-10			2010-11				2011-12
			MOU	RE	Actual	BE	MOU	RE	Actual upto Dec.10 (Prov.)	BE
1.	Crude Oil Production	MMT	5.800	6.125	6.489	5.997	6.200	6.580	5.041	6.365
2.	Natural Gas Production	BCM	2.100	2.017	2.381	1.903	2.000	2.106	2.023	2.098
3.	Total	MMTOE	7.900	8.142	8.870	7.900	8.200	8.686	7.064	8.463

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 2010-11 RE of Rs. 6620.85 Crore will be financed through internal resource of Rs. 6182.10 Crore and borrowing of Rs. 438.75 Crore. The outlay for 2011-12 BE of Rs. 8686.93 Crore will be financed through internal resource of Rs. 5238.68 Crore and borrowing of Rs. 3488.25 Crore.

Rs./Crores

Particulars	**2009-10**	**2010-11**		**2011-12**
	Actual	**BE**	**RE**	**BE**
Net Internal Resources available for Plan	4,972.63	4,287.42	6,182.10	5,238.68
Extra Budgetary Resources	19.27	4,375.37	438.75	3448.25
Total Internal and Extra Budgetary Resources	4,991.90	8,662.79	6,620.85	8,686.93
Plan Outlay	4,991.90	8,662.79	6,620.85	8,686.93
Budgetary Support	0.00	0.00	0.00	0.00

PROFITIBALITY

The profitability position of the Company is given below :-

Rs. in Crores

	2009-10	2010-11			2011-12
	Actual	**BE**	**RE**	**Apr. to Dec. '10 (Provisional)**	**BE**
Revenue	15,464.45	12,685.28	16,453,82	13,360.97	14,003.24
Profit Before Tax	3,945.88	1,766.50	3,602.84	3,066.78	2,963.73
Profit After Tax	2089.58	402.67	1,830.22	1,415.81	1,227.85

FINANCIAL PERFORMANCE

The highlights of the financial performance are given at Annexure A.

ONGC Videsh Ltd.

Financial Effeciency Parameters

Annexure A

Sl. No.	Details	Unit	2009-10 Actual	2010-11 BE	2010-11 RE	(Apr. to Dec. 2010)	2011-12 BE
1.	Sales	Rs./Cr.	15,464.45	12.685,28	16,453.82	13,360.97	14,003.24
2.	Cost of Sales	Rs./Cr.	11,066.50	10,460.50	11,680.82	9,694.35	10,820.23
3.	Cost of Sales as percentage of Sales	%	71.56%	82.46%	70.99%	72.56%	77.27%
4.	Total Cost of Production	Rs./Cr.	11,066.50	10.460.50	11,680.82	9,694.35	10,820.23
5.	Total Sale Value of Production	Rs./Cr.	15,464.45	12,685.28	16,453.82	13,360.97	14,003.24
6.	Cost of Production as percentage of sale value of Production	%	71.56%	82. 46%	70.99%	72.56%	77.27%
7.	Total value added	Rs./Cr.	5,343.74	3.294.86	4,484.36	3,490.07	4,378.37
8.	Value added per employee	Rs./Cr.	23.13	10.98	16.31	15.11	14.59
9.	Ratio of Net Profit After Tax to Net Worth	%	17.94%	3.27%	13.58%	10.93%	8.35%
10.	Ratio of Gross Margin to Capital Employed	%	29.86%	22.76%	26.39%	11.58%	25.81%
11.	Contribution to Central Govt. Exchequer	Rs./Cr.					
	a. Cess/Excise Duty	Rs./Cr.					
	b. Royalty	Rs./Cr.					
	c. Customs Duty	Rs./Cr.					
	d. Corporate Tax*	Rs./Cr.	1,888.94	1,363.83	1,747.89	1,634.31	1,705.20
	e. Tax on Foreign Companies A/c	Rs./Cr.					
	f. Dividend	Rs./Cr.					
	g. Tax on Dividend	Rs./Cr.					
	Sub Total (11)	Rs./Cr.	**1,888.94**	**1,363.83**	**1,747.89**	**1,634.31**	**1,705.20**
12.	Contribution to State Exchequer	Rs./Cr.					
	a. Sales Tax including Turnover Tax	Rs./Cr.					
	b. Royalty	Rs./Cr.					
	c. Octroi/BPT	Rs./Cr.					
	Sub Total (12)	Rs./Cr.	--	--	--	--	--
12A	Total Contribution to Central/State Exchequer	Rs/Cr.	1,888.94	1,363.83	1,747.89	1,634.31	1,705.20
13	Number of Employes on roll Executive	Nos.	231.00	300.00	275.00	231.00	300.00
	Non Executive	Nos.	--	--	--	--	--
	Sub Total (13)	Nos.	**231.00**	**300.00**	**275.00**	**231.00**	**300.00**
14.	Profit Before Tax	Rs./Cr.	3,945.88	1,766.50	3.602.84	3,066.78	2,963.73
15.	Provision for Tax & Minority Interest	Rs./Cr.	1,914.53	1,363.83	1,773.82	1,651.00	1,735.87
16.	Profit After Tax & Minority Interest	Rs./Cr.	2,089.58	402.67	1,830.22	1,415.81	1,227.85
17.	Retained Profit	Rs./Cr.	2,089.58	402.67	1,830.22	1,415.81	1,227.85
18.	Internal Resources Generated	Rs./Cr.	4,972.63	4,287.42	6,182.10	5,061 89	5,238.68
19.	Net Internal Resources	Rs./Cr.	4,972.63	4,287.42	6,182.10	5,061.89	5,238.68
20.	Extra Budgetary Resources	Rs./Cr.	19.27	4,375.37	438.75	(1,802.19)	3,448.25
21.	Total Internal & Extra Budgetary Resources	Rs./Cr.	4,991.90	8,662.79	6,620.85	3,259.70	8,686.93
22.	Plan Outlay**	Rs./Cr.	4,991.90	8,662.79	6,620.85	3,259.70	8,686.93

- Extra Budgetary Resources Indicate Borrowings/(Repayment) from/to Parent Company.

* Corporate Tax Includes Foreign Tax as well ** Plan Outlay for Apr-Dec 2010 is Provisional

3. Oil India Limited (OIL)

Oil India Limited (OIL) is a public sector undertaking engaged in exploration and exploitation of Hydro-carbons. 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 Rs. 500 crores and the paid up capital is Rs. 240.45 crores as on 31.3.2010.

PHYSICAL PERFORMANCE

Crude Oil

The BE/RE target for production of crude oil during 2010-11 is set at 3.70 MMT. Crude Oil production for first 9 months of the year 2010-11 (April-December 2010) is 2.6474 MMT, which is 71.55 % of the Annual Target of 3.70 MMT. OIL has also taken several steps to further increase the crude oil production during 2010-11. Crude Oil production target for 2011-12 BE is set at 3.76 MMT.

Natural Gas

The natural gas Production target for 2010-11 is fixed at 2621 MMSCUM and the sale target for 2010-11 is fixed at 2117 MMSCUM. Overall Natural Gas production during first 9 months of the year 2010-11 (April-December 2010) is 1752.25 MMSCM, which is 66.85% of the annual BE target of 2621 MMSCM . Natural gas sale for first 9 months of the year 2010-11 (April-December 2010) is 1344.006 MMSCM, which is 63.49% of the annual BE target of 2117 MMSCM.

LPG

The LPG production during the year 2009-10 was 44950 Tonnes. LPG production during first 9 months of the year 2010-11 (April-December 2010) is 34129 Tonnes, which is 78.28% of the annual target of 436000 Tonnes for the year 2010-11.

GENERATION OF INTERNAL RESOURCES

The entire Plan expenditure of Rs.4464.98 Crores for the year 2010-11 (BE) was envisaged to be financed from Company's own generation of internal resources, considering the carried forward surplus from 2009-10 including the IPO proceeds received in the year 2009-10. The net resources budgeted to be available for plan expenditure of Rs.4212.99 Crores during the year 2010-11 (RE) consists of internally generated resources amounting to Rs.2852.77 Crores and the brought forward surplus from earlier years which stands at Rs. 8542.91 Crores including the unutilized portion of IPO proceeds as

at 31.3.2010.. During the year 2011-12 (BE), the net internal resources budgeted to be available for meeting the Plan expenditure of Rs.3180.33 Crores comprises of internally generated resources amounting to Rs. 2491.05 Crores and the carried forward surplus from earlier years which is estimated to stand at Rs.7182.69 Crores. Thus the entire Plan expenditure for 2010-11(RE) and 2011-12 (BE) is envisaged to be financed from Company's own generation of internal resources, considering the carried forward surplus from earlier years.

FINANCIAL PERFORMANCE

Profitability

(Rs./Crores)

	2009-10	**2010-11**			**2011-12**
	Actuals	**BE**	**RE**	**Actual (Apr-Dec.10)**	**BE**
Profit before tax	3895.09	4114.03	4259.76	3481.32	4306.43
Tax provision	1284.57	1501.62	1415.65	1232.34	1531.13
Profit after tax	2610.52	2612.41	2844.11	2248.98	2775.30

The highlights of financial performance are given at Annexure A.

GENDER BUDGETING

OIL undertakes all gender related activities through Public Relations Department under the aegis of 'Social Welfare Programme' and 'Area Development Scheme'. On the basis of Government guidelines, an independent cell has been 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. During 1st April to 31st Dec. 2010 a total of 32 Nos. of rural women were imparted such training with a total expenditure of **Rs.6.50 lakhs**.

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. The expenditure on this account was **Rs.73.00 lakh** for the period 1st April to 31st December, 2010.

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. Stress is also given towards child care and hygiene. The expenditure on this during 1st April to 31st Dec. 2010 was **Rs 26.49 lakh**.

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. An amount of Rs.106.00 Lakhs was incurred for the above organisation under OIL's area of operation in Assam and Arunachal Pradesh during 1st April to 31st Dec. 2010.

e. **Nomination of women representative for attending National and International seminars/training etc**.: WIPS (Women in Public Sector), Duliajan branch has majority working women members from OIL. Besides extending financial assistance, OIL sponsors women members for attending National and International seminars/training as and when such opportunity is available. The expenditure on this account was **Rs. 30.02 lakh** during 1st April to 31st Dec. 2010.

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. As on 31.12.10 the total investment by OIL in this project is **Rs 3.42 Crores**.

Existing Women Employee Strength: As on 31.12.10 there are 337 women employees out of total manpower of 8309 constituting 4.05% of the total workforce. Besides OIL recruits women sports persons and continues to encourage competent sports women to participate in National and International events.

Annexure-A

OIL INDIA LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sl. No.	Item	Unit	2009-10 Actuals (Audited)	2010-11 B.E (Approved)	2010-11 R.E. (Anticipated)	2010-11 (April-Dec.) (Provisional)	2010-11 (Jan.-March) Estimated	2011-12 B.E. (Proposed)
1	Sales	Rs.crores	7905.55	8802.60	8398.40	6296.68	2101.71	8648.91
2	Cost of Sales	Rs.crores	4010.46	4688.57	4138.64	2815.36	1323.28	4342.48
3	Cost of Sales / Sales	%	50.73%	53.26%	49.28%	44.71%	62.96%	50.21%
4	Total Cost of Prodn	Rs.crores	3419.63	4006.32	3544.54	2660.73	883.81	3787.30
5	Total Sale Value of Prodn	Rs.crores	7649.74	8448.11	8093.43	6073.25	2020.18	8318.09
6	Total Cost of Prodn/Total Sale Value of Prodn.	%	44.70%	47.42%	43.80	43.81%	43.75%	45.53%
7	Value Added Per Employee	Rs.crores	40.68	46.90	42.40	31.64	10.57	45.30
8	Total Value Added	Rs.crores	3395.89	3971.69	3520.84	2643.19	877.66	3761.32
9	PAT/Net Worth	%	18.99%	16.99%	18.22%	14.44%	3.81%	15.93%
10	PBT/Capital Employed	%	29.92%	35.11%	34.95%	22.62%	6.39%	36.48%
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	Rs.lakhs	91.65	99.77	97.46	72.69	72.69	100.17
	d) Capital-Output ratio	%	58.76%	72.11%	66.40%	39.46%	16.57%	70.45%

OIL INDIA LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sl. No.	Item	Unit	2009-10 Actuals (Audited)	2010-11 B.E (Approved)	2010-11 R.E. (Anticipated)	2010-11 (April-Dec.) (Provisional)	2010-11 (Jan.-March) Estimated	2011-12 B.E. (Proposed)
12	Total Salary & Wages Paid :	Rs.crores	968.88	1116.79	1062.08	721.83	340.25	1125.80
	a) Direct Salary & Wages	Rs.crores	806.09	860.14	890.28	681.03	209.25	943.70
	b) Overheads	Rs.crores	162.79	256.66	171.80	40.80	131.00	182.11
13	Utilities Consumed :							
	a) Electricity	Rs.crores	29.15	39.78	31.67	22.16	9.51	34.41
	b) Fuel	Rs.crores	17.59	31.95	16.93	12.94	4.00	18.54
	c) Others (Water)	Rs.crores	27.76	35.95	30.54	23.64	6.90	33.59
	Total Utilities	Rs.crores	74.50	107.68	79.15	58.74	20.41	86.55
14	a) Total fixed Cost	Rs.crores	968.88	1116.79	1062.08	721.83	340.25	1125.80
	b) Total Variable Cost	Rs.crores	3995.76	4355.89	3917.13	3005.67	911.46	4092.36
15	Maintenance & Repairs :	Rs.crores	439.73	517.03	483.70	337.10	146.60	532.07
16	Expenditure for travelling :	Rs.crores	22.16	19.33	23.49	11.20	12.29	24.90
17	Expenditure for Entertainment	Rs.crores	2.67	32.97	2.84	0.91	1.92	3.01
18	Overtime As % of wages Bill	%	10.46%	11.85%	10.03%	9.40%	13.00%	10.03%
19	Contribution to central Govt.:							
	a) Cess on crude oil	Rs.crores	941.92	948.05	965.34	691.47	273.86	981.19
	b) Dividend - Govt.	Rs.crores	817.54	783.72	853.23	320.76	532.47	832.59
	c) Dividend - Tax	Rs.crores	137.46	133.19	141.71	112.06	29.65	138.28
	d) Excise duty	Rs.crores	0.00	0.00	0.00	0.00	0.00	0.00
	e) Customs duty	Rs.crores	0.00	0.00	0.00	0.00	0.00	0.00
	f) Corporate tax (excl deferred tax)	Rs.crores	1159.82	1398.77	1309.15	1077.78	231.37	1423.47

Annexure-A (Contd.)

OIL INDIA LIMITED
FINANCIAL EFFECIENCY PARAMETERS

(Rs. in crore)

Sl. No.	Item	Unit	2009-10 Actuals (Audited)	2010-11 B.E (Approved)	2010-11 R.E. (Anticipated)	2010-11 (April-Dec.) (Provisional)	2010-11 (Jan.-March) Estimated	2011-12 B.E. (Proposed)
20	Contribution to State Govts :							
	a) Sales Tax		331.55	423.93	365.53	267.01	98.52	406.93
	b) Royalty		1083.80	1298.81	1006.96	809.01	197.95	1032.67
	c) PEL Fees		3.35	4.92	3.16	7.98	-4.82	3.16
21	No of Employees on Roll :							
	a) Officers		1296	1284	1298	1332	1298	1298
	b) Workmen: Technical		6299	6135	5957	5253	5957	5957
	c) Workmen: Non-Technical		752	1049	1049	1770	1049	1049
	Total No. of Employees		8347	8468	8304	8355	8304	8304
22	Gross Internal Resources Generated:		3732.27	3938.34	4093.29	3271.09	822.20	4009.90
23	Net Internal Resources Available for Plan Outlay :		1572.57	2108.48	2852.77	2683.97	160.10	2491.05
24	Approved Plan Outlay :		2276.31	4464.98	4212.99			3180.33
25	Actual / Estimated Plan Expenditure :		1556.86			1228.83	2984.16	

OIL INDIA LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sl. No.	Item	Unit	2009-10 Actuals (Audited)	2010-11 B.E (Approved)	2010-11 R.E. (Anticipated)	2010-11 (April-Dec.) (Provisional)	2010-11 (Jan.-March) Estimated	2011-12 B.E. (Proposed)
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
27B	Foreign Exchange Utilization:							
	a) Material/Equipment		299.65	216.02	329.61	159.58	170.03	362.57
	b) Services		30.88	40.78	33.44	29.18	4.26	36.21
	c) Others							
	Total (27B)		330.53	256.80	363.05	188.76	174.29	398.78
27C	Foreign Exchange Outgo:							
	a) Material/Equipment		299.65	216.02	329.61	159.58	170.03	362.57
	b) Services		30.88	40.78	33.44	29.18	4.26	36.21
	c) Others		0.00	0.00	0.00	0.00	0.00	0.00
	Total (27C)		330.53	256.80	363.05	188.76	174.29	398.78
28	Profit Before Tax : (After Interest and Depreciation)		3895.09	4114.03	4259.76	3481.32	778.44	4306.43
29	Tax Provision :		1284.57	1501.62	1415.65	1232.34	183.30	1531.14
30	Profit After Tax :		2610.52	2612.41	2844.12	2248.98	595.13	2775.30

4. GAIL (India) Limited

GAIL (India) Ltd. is India's principal natural gas transmission and marketing company with activities expanding to Gas Processing for fractionating LPG, Propane, SBP Solvent and Pentane; transmission of Liquefied Petroleum Gas (LPG); Petrochemicals like HDPE and LLDPE; leasing bandwidth in Telecommunications. The company has extended its presence in Power, Liquefied Natural Gas (LNG) re-gasification, City Gas Distribution and Exploration & Production through equity and joint venture participations. The company has an authorized and Paid-up Capital of Rs. 2000 crores and Rs. 1268 crores respectively as on 31.3.2010. The Government of India holds 57.34% of its equity.

PHYSICAL PERFORMANCE

The Natural gas quantity transmitted increased from 104.12 MMSCMD in April-Dec 2009 to 117.09 MMSCMD in April-Dec 2010. During the same period liquid hydrocarbon Production decreased from 1082 (000 MTs) to 1029 (000 MTs), Petrochemical Quantity Production decreased from 305 to 294 (000 MTs), and LPG Transmission quantity increased from 2289 (000 MTs) to 2480 (000 MTs)

S.No.	Particulars	2009-10 Actual	2010-11 BE	2010-11 RE	2010-11 Apr-Dec	2011-12 BE
A	**Natural Gas (MMSCMD)**					
	Domestic Gas Marketing & Transportation (ONGC/JV/OIL/RIL) (Including Internal Consumption)	60.09	59.26	60.55	64.78	60.79
	RLNG /Additional Gas/ Spot Gas	15.25	18.61	16.63	17.57	16.73
	Total Gas Sales(Marketing)	76.15	77.87	77.18	82.41	77.53
	Domestic Gas (PMT JV) -MKT	5.28	7.99	9.84	82.41	9.63
			26.19			
	Domestic Gas (RIL/PMT/RLNG) Transported & Not Marketed	20.53		29.89		35.86
	RLNG Transported and Not Marketed				34.68	
	RLNG Transported & Not Marketed	10.05	8.78	7.76		8.5
	TOTAL GAS MARKETING	**81.43**	**85.86**	**87.02**	**82.41**	**87.15**
	TOTAL GAS TRANSPORTATION	**106.73**	**112.83**	**114.83**	**117.09**	**121.88**

B	**Liquid Hydrocarbon Production (MT)**					
	LPG	1,099,554	993,456	1,023,319	808,625	1,001,226
	Propane	179,274	135,968	141,287	114,862	139,565
	Pentane	58,551	57,509	57,067	25,815	56,738
	SBP	33,260	28,833	33,182	21,005	31,553
	Naphtha	69,219	47,039	54,976	59,148	54,287
	Total Liquid Hydrocarbon Production (MT)	**1,439,858**	**1,262,805**	**1,309,831**	**1,029,454**	**1,283,369**
C	**Polymer Production (MT)**	417,147	405,002	420,000	293,915	420,000
	Polymer Import (MT)	–	–	5000	–	20,000
D	**LPG Transported (MT)**					
	Jamnagar- Loni Pipeline	2,444,779	2,149,908	2,192,906	1,911,165	2,235,904
	Vizag-Secunderabad Pipeline	715,818	660,000	673,205	568,731	686,664
	Total LPG Transmission (MT)	**3,160,597**	**2,809,908**	**2,866,111**	**2,479,895**	**2,922,568**

FINANCIAL PERFORMANCE

The Company has achieved a turnover of Rs.23,565 Crore during April-December 2010 against Rs.21229 Crore during the same period in 2009-2010. The Net Profit has also increased to Rs. 2,778 Crore during April to December 2010 from Rs. 2229 Crores during same period in the previous year.

PROFITS (AFTER TAX)

(Rs. Crores)

ACTUALS 2009-2010	R.E. 2010-2011	Actuals 2010-2011 Apr.-Dec. 2010	B.E. 2011-2012
3139.84	2769.72	2778.06	2738.21

The highlights of financial performance are at Annexure A.

CORPORATE SOCIAL RESPONSIBILITY AT GAIL

In GAIL, socially useful initiatives and activities are undertaken in terms of the CSR Policy of the Company and the laid down guidelines on the subject. Specific CSR programmes are undertaken across various work-centres of GAIL, in the seven broad thrust areas identified for the purpose. Most CSR programmes are focussed in the rural areas adjoining major work-centres/installations of the Company.

In alignment with the increased importance being accorded by the Government for socio-economic development of the under-priveledged and deprived segment of the society, GAIL has enhanced its annual allocation on CSR activities, from 1% to 2% of its PAT of the previous year, from the current year onwards.

The year-wise spending under CSR is as follows:-

(Rs. in Lacs)

Thrust areas	**2007-08 Actual**	**2008-09 Actual**	**2009-10 Actual**	**2010-11 Apr-Dec.'10**
Community Development	95.77	23.49	1260.34	1314.01
Drinking water/Sanitation	155.91	131.42	223.25	17.18
Education	684.85	548.23	249.01	289.29
Environment Protection	188.20	76.59	88.08	26.64
Healthcare/Medical	185.28	2080.78	1026.56	93.19
Infrastructure	106.19	125.33	391.89	130.78
Literacy enhancement/empowerment	249.87	87.85	231.63	672.18
Others	Nil	Nil	Nil	696.00
Total	**1666.07**	**3073.69**	**3470.76**	**3239.27**

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 and 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	2009-10 Actuals	2010-2011 Projected BE	2010-2011 Anticpated RE	2010-11 Actuals Apr.-Dec.10	2011-12 Projected BE	Remarks
1.	Sales (Net of ED)	Rs./Crs.	24,996	26,532	31,623	23,565	32,910	
2.	Cost of sale	Rs./Crs.	20,328	21,720	26,941	19,383	27,660	
3.	Cost of sale as % age of sale	%	81%	82%	85%	82%	84%	
4.	Total cost of production/transport	Rs./Crs.	20,328	21,720	26,941	19,383	27,660	
5.	Total sale value of prodn./transport	Rs./Crs.	24,996	26,532	31,623	23,565	32,910	
6.	Total cost of production/transport as %age of total value of production	%	81.32%	81.86%	85.20%	82.25%	84.05%	
7.	Value added per employee	Rs./Crs.	1.73	1.63	1.87	1.85	1.93	
7A)	Total value added	Rs./Crs.	6,384.56	7,045.68	7,213.05	5,273.87	7,641.78	
8	Ratio of net profit aft. tax to net worth	%	18.91%	15.15%	30.09%	19.43%	27.12%	
9	Ratio of gross margin (PBDIT) to capital employed	%	26.49%	24.18%	47.17%	26.69%	52.58%	
10	Number of Employees on roll							
	a) Executives	Nos.	2628	2984	2750	2725	2825	
	b) Non Executives	Nos.	1071	1327	1100	1075	1125	
	c) Total	Nos.	3699	4311	3850	3800	3950	
11	Total salary paid	Rs./Crs.	621.20	728.77	865.88	477.62	758.22	
12	a) Total fixed cost	Rs./Crs.	697.62	757.17	940.88	536.64	833.22	
	b) Total variable cost	Rs./Crs.	19,629.94	20,962.61	26,000.49	18,846.24	26,827.26	
13	Maintenance & Repairs	Rs./Crs.	140.45	419.00	407.74	139.71	418.33	
14	Expenditure on travelling	Rs./Crs.	38.09	46.13	41.68	33.47	44.79	
15	Expenditure on Entertainment	Rs./Crs.	0.11	3.51	1.18	0.1	1.21	
16	Contribution to Central Govt. Exchequer							
	a) Dividend incl. Div. tax	Rs./Crs.	742.20	608.67	757.04	703.56	779.31	
	b) Sales tax	Rs./Crs.	-	-	-	-	-	
	c) Excise duty	Rs./Crs.	350.22	332.62	357.22	240.91	367.73	
	d) Customs duty	Rs./Crs.	42.11	36.0	42.95	112.87	44.22	
	e) Other incl. Corp. tax	Rs./Crs.	1932.67	2,155.91	1,971.32	1,270.03	2,029.30	
17	Contributions to State Govt.							
	a) Sales tax	Rs./Crs.	932.53	865.74	951.18	959.24	979.16	
	b) Others	Rs./Crs.	208.78	336.68	212.96	74.67	219.22	
18	Total gross internal resources Generated (retained profit after div.+ depreciation)	Rs./Crs.	2,591.31	2,480.69	2,486.66	2,965.31	2,800.67	

GAIL (INDIA) LIMITED

FINANCIAL EFFICIENCY PARAMETERS

ANNEXURE 'A'

Sl. No.	Item	Unit	2009-10 Actuals	2010-2011 Projected BE	2010-2011 Anticpated RE	2010-11 Actuals Apr.-Dec.10	2011-12 Projected BE	Remarks
19	Net internal resources avail. for plan excluding opening cash	Rs./Crs.	2.800.65	761.49	2,645.33	1,706.19	1,463.38	
20	Approved plan outlay	Rs./Crs.	4,200.00	5,510.00	5,764.00	3,569.68	5,150.00	
21	Actual plan expenditure	Rs./Crs.	2,786.32	--	--	3,892.78	--	
22	Reasons for shortfall in expenditure compared to approved outlay							
23	Profit before tax (Aft. interest & depn.)	Rs./Crs.	4,578.47	4,134.52	4,147.37	4,101.11	4,100.19	
24	Tax provision	Rs./Crs.	1,438.63	1,405.32	1,377.65	1,323.05	1,361.98	
25	Profit after tax & before div.	Rs./Crs.	3,139.84	2,729.20	2,769.72	2,778.06	2,738.21	
26	Inventories at the close of the year							
	a) Value of inventory of raw material stores spares	Rs./Crs.	371.45	549.12	473.11	409.33	487.02	
	b) Value of inventory of finished goods	Rs./Crs.	260.25	231.48	394.94	369.29	406.56	
	Value of total inventory (A+B)	Rs./Crs.	631.70	780.60	868.05	778.62	893.58	

5. INDIAN OIL CORPORATION LIMITED (IOCL)

Indian Oil Corporation 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. (IOCL) is Rs. 2500.00 crore. The paid-up capital was Rs. 2427.95 crore as on 31.3.2010. The Government of India's shareholding in IOC as on 31.3.2010 was 78.92%.

IOCL 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 six 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
IBP	Cryogenics and Explosives (The Petroleum business has been merged with IOC)
Business Development	Marketing of Petrochemicals and Gas, Exploration & Production.

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 crude. The crude throughput of the refineries during 2009-10 and April-December 2010 was 51.70 MMT and 38.73 MMT respectively. Estimated crude throughput during 2010-11 and 2011-12 is 52.22 MMT and 51.21 MMT respectively.

PIPELINES

Pipeline throughput is given below:

(MMT)

2009-10	2010-11	April-Dec'10	2011-12
Actual	**RE (Estimated)**	**Actual**	**BE (Estimated)**
65.01	66.67	49.11	68.33

SALES OF PETROLEUM PRODUCTS

The product sales (including gas and exports) of IOC during 2009-10 and April-December'10 were 69.92 MMT and 53.65 MMT . The estimated product sales (including gas and exports) for the year 2010-11 and 2011-12 is 72.80 MMT and 78.63 MMT respectively. The details of physical performance is given at Annexure-A.

GENERATION OF INTERNAL RESOURCES

The adjusted internal resources after making adjustments for non-plan expenditure, changes in working capital etc. of the Corporation are given below:

(Rs. crore)

2009-10	2010-11	April-Dec'10	2011-12
Actual	**RE(Estimated)**	**Actual**	**BE(Estimated)**
8619	10026	4343	8963

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:

(Rs. crore)

	2009-10 Actual	2010-11 (RE) Estimated	April-Dec'10 Actual	2011-12 (BE) Estimated
Profit before tax	14106.09	4608.01	4917.11	(1124.47)
Tax provision	3885.54	1530.67	1376.79	--
Profit after tax	10220.55	3077.34	3540.32	(1124.47)

The details of financial performance is given at Annexure-B.

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 34335 employees as on 30.9.2010, the number of women employees is 2648, which works out to 7.71%.

b) IOC takes keen interest in the promotion of sports activities. With a view to encourage sports talents, IOC has engaged 10 sports-women (Permanent-5, Tenure base-2 and on Scholarship basis-3) 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 '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 Government, 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

(i) **IndianOil Scholarships Scheme" for Graduate and Post-Graduate students**

Under this scheme total 200 scholarships (100 for Engineering, 40 for MBBS and 60 for MBA) are awarded every year out of which 50% are reserved for SC/ST/OBC students. The scholarship amount is Rs. 2000/-per month for all the four years for Engineering and Medical Courses and two years for Business Administration/Management Courses. 25% of the Scholarship in each category/sub category is earmarked for girl students and 10% for Physically Handicapped students. Recently, the number of scholarships have been increased to 600 (300 for Engineering, 200 for MBBS and 100 for MBA)

(ii) **IndianOil Merit Scholarships Scheme" for 10 +/ITI Studies**

Under this scheme, total 250 scholarships are awarded to students pursing 10+ courses/ ITI every year @ Rs. 1000/- per month for two years. Here again, 50% scholarships are reserved for SC/ST/OBC students and 25% of the scholarship in each category/ sub category is earmarked for girl students and 10% for Physically Handicapped students. Recently, the number of scholarships have been increased to 2000.

(iii) **IndianOil Sports Scholarship Scheme**

IndianOil has also introduced a Sports Scholarship Scheme from the year 2006-07 for

promising young sports persons representing State in team games and on National ranking in others. The Sports Scholarship Scheme awarded 72 scholarships for 10 games/sports (Cricket, Table Tennis, Badminton, Tennis, Chess, Hockey, Golf, Billiards/ Snooker, Carrom and Athletics). However, recently the scheme has been revised wherein 150 scholarships for 10 games/sports are awarded to upcoming junior players in the age groups upto 19 years and are paid scholarship of Rs.9000/- to 14000/- p.m. depending upon performance, for 3 years in addition to kit items.

k) 33% of the Retail Outlets/ SK.O-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 **Annexure-A**

ACHIEVEMENTS VIS-A-VIS TARGETS : 2009-10 & 2010-11 AND PROJECTED TARGETS 2011-12

Description	Unit	2009-2010 Target B.E.	2009-2010 Performance	2010-11 Target (B.E.)	Apr. to Dec. Target	Apr. to Dec. Performance	Jan to Mar. Target	Jan to Mar. Projected	Anticipated Performance (R.E.)	2011-12 Projected Target (B.E.)
1	2	3	4	5	6	7	8	9	10	11
PHYSICAL TARGET :	**MMT**									
1. CRUDE T'PUT										
- Guwahati		0.833	1.078	0.892	0.662	0.854	0.230	0.221	1.075	0.882
- Barauni		5.586	6.184	5.684	4.273	4.501	1.411	1.594	6.095	5.684
- Gujarat		12.936	13.206	13.034	9.643	10.059	3.391	3.411	13.470	13.230
- Haldia		5.488	5.686	6.370	4.732	4.834	1.638	1.871	6.705	7.056
- Mathura		7.840	8.107	7.840	5.830	6.609	2.010	1.851	8.460	7.840
- Panipat		12.152	13.615	12.642	9.096	9.782	3.546	3.868	13.650	13.818
- Bongaigaon		1.975	2.220	2.087	1.564	1.588	0.523	0.562	2.150	2.107
- Digboi		0.588	0.600	0.578	0.426	0.503	0.152	0.107	0.610	0.588
Total		47.398	50.696	49.127	36.226	38.730	12.901	13.485	52.215	51.205
Commissioning of ROs :										
- Marketing	No.	845	667	993	745	467	248	521	988	991
LPG Customer enrolment :										
- Marketing	No.(Lakh)	30.00	43.11	40.95	30.71	33.02	10.24	11.53	44.55	47.63
Commissioning of LPG Distributorships :										
- Marketing	Nos.	60	118	600	450	208	150	197	405	606#
FINANCIAL TARGETS :	Rs.Crore									
- Sales & Other income		249722.14	292541.19	283257.99	212443.49	250436.45	84229.11	86480.00	336916.45	347165.64
- Profit before tax		8391.07	14106.09	3033.44	2275.08	4917.11	1152.00	-309.10	4608.01	-1124.47
- Corporate taxation		2939.02	3885.54	805.16	603.87	1376.79	382.67	153.88	1530.67	0.00
- Profit after tax		5452.05	10220.55	2228.28	1671.21	3540.32	769.34	-462.98	3077.34	-1124.47

Includes 400 nos. in BE 2010-11, 38 nos April-Dec.10, 200 nos. in RE 2010-11 and 500 nos in BE 2011-12 RGGLV's (Rajiv Gandhi Gramin LPG Vitarak)

ANNEXURE-B

INDIAN OIL CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crore)

Sl. No.	Items	Unit	2009-10 (Actual)	2010-11			2011-12	Remarks
				Budget Estimate	Revised Estimate (Prov)	Apr.-Dec'10 Actual	Budget Estimate (Prov)	
1	2	3	4	5	6	7	8	9
1.	Sales & Other Income	Rs./Crs.	292541.19	283257.99	336916.45	250436.45	347165.64	
2.	Cost of Sales	Rs./Crs.	278435.10	280224.55	332308.44	245519.34	348290.11	
3.	Cost of sales as % of sales	%	95.18	98.93	98.63	98.04	100.32	
4.	Total cost of Production	Rs./Crs.	13233.38	143374.87	166649.80	118859.36	159290.72	
5.	Total Sale value of Production (Transfer value of Refinery Production)	Rs./Crs.	203407.56	191898.27	237767.13	175574.50	226652.24	
6.	Total cost of production as % of total value of production	%	65.06	74.71	70.09	67.70	70.28	
7.	Value added per employee	Rs./Lacs	94.17	71.95	79.86	58.24	67.22	
8.	Total value added	Rs./Crs.	32725.18	23946.61	26797.24	20005.98	22699.05	
9.	Ratio of Net Profit after tax to networth	%	20.22	4.73	5.86	6.54	-2.19	
10.	Ratio of Gross Margin (Profit before Tax) to capital employed	%	25.09	4.16	6.61	6.19	-1.65	
11.	PRODUCTIVITY :							
	-Input/Output Ratio		91.86%	90.45%	91.10%	91.15%	90.45%	
	-Cost of Input Per employee	Rs./Lacs	1271.50	1336.92	1661.03	1153.92	1557.64	
	-Value of Output per employee	Rs./Lacs	1356.17	1422.93	1746.65	1217.71	1613.71	
	-Capital Output Ratio	Times	0.83	0.67	0.68	0.44	0.68	
12.	Total Salary Paid :							
	-Direct Wages	Rs./Crs	5741.05	5136.61	5397.85	3992.72	5492.51	
13.	Utilities Consumed :							
	-Electricity	Rs./Crs.	182.64	243.63	263.84	148.08	318.09	
	-Fuel	Rs./Crs.	1076.98	1001.27	1670.98	1595.95	1565.23	
	-Other Items	Rs./Crs.	4.25	4.48	5.21	3.29	5.86	
	Total		1263.87	1249.38	1940.03	1747.32	1889.18	
14	A.Total Fixed Cost	Rs./Crs.	10263.44	7685.90	8403.55	6046.89	8072.10	
	B.Total Variable Cost	Rs./Crs.	270351.19	266880.59	320702.33	238279.04	333482.21	
15.	Repairs & Maintenance	Rs./Crs.	1399.20	1676.81	1878.55	996.68	2189.08	
16.	Expenditure on Travelling	Rs./Crs.	258.26	282.97	304.40	216.25	340.84	
17.	Expenditure on Entertainment	Rs./Crs.	2.19	2.88	2.95	1.72	3.06	
18.	Total Overtime as % of wage bill	%	3.15	3.63	4.74	7.88	5.51	
19.	Contribution to Central Exchequer							
	-Cess	Rs./Crs.	–	–	0.00	0.00	0.00	
	-Royalty	Rs./Crs.	–	–	0.00	0.00	0.00	
	-Dividend (Cash Basis)**	Rs./Crs.	718.56	574.85	766.31	2491.00	0.00	
	-Sales Tax / Service Tax	Rs./Crs.	158.23	88.18	123.68	112.72	124.31	
	-Excise Duty	Rs./Crs.	21641.90	24442.68	24065.29	17037.40	22720.58	
	-Custom Duty	Rs./Crs.	1198.80	818.27	5617.28	5830.00	5835.17	
	-Income Tax (Incl. Dividend Tax.)	Rs./Crs.	2823.61	291.95	986.58	3508.77	9.55	

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

ANNEXURE-B (CONTINUED)

INDIAN OIL CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crore)

Sl. No.	Items	Unit	2009-10 (Actual)	2010-11			2011-12	Remarks
				Budget Estimate	Revised Estimate (Prov)	Apr.-Dec'10 Actual	Budget Estimate (Prov)	
1	2	3	4	5	6	7	8	9
20.	Contribution to State Govt.							
	-Sales Tax	Rs./Crs.	29709.00	30383.13	29790.58	25156.75	29787.26	
	-Others(entry tax/Octroi etc.)	Rs./Crs.	1430.32	1193.14	1377.99	1650.12	1435.72	
21.	Number of Employees		34363	33280	33557	34353	33767	
	-Officers	No.	14210	13715	13927	14644	14186	
	-Workmen	No.	20153	19565	19630	19709	19581	
22.	Total Gross Internal Generation (Retained Profit+Dep.)	Rs./Crs.	9782.52	6204.07	6493.19	6870.49	3861.75	
23.	Net Internal and External Resources for Plan expenditure	Rs./Crs.	12256.15	12825.00	12000.00	6686.99	14500.00	
24.	Approved Plan Outlay	Rs./Crs.		12825.00	12000.00	–	14500.00	
25.	Actual Plan Expenditure	Rs./Crs.	12256.15	–	–	6686.99		
26.	Reasons for shortfall in Plan Expenditure							
27.	A. Foreign exchange Budget Allocation:							
	- Material / Equipment		NOT APPLICABLE					
	- Services							
	- Others							
	B. Foreign exchange utilisation:							
	- Crude & Finished Products							
	- Material / Equipment							
	- Services							
	- Others							
28.	Profit before tax	Rs./Crs.	14106.09	3033.44	4608.01	4917.11	-1124.47	
29.	Tax provision (incl. Deferred Tax & FBT)	Rs./Crs.	3885.54	805.16	1530.67	1376.79	0.00	
30.	Profit after tax	Rs./Crs.	10220.55	2228.28	3077.34	3540.32	-1124.47	
31.	Inventories at the close of the year:							
	- Raw material, Stores & Spare	Rs./Crs.	16485.15	18050.00	20940.43	19743.93	20242.71	
	- Raw material inventory in terms of man-days' consumption	Days	50	24	50	52	53	
	- Finished goods	Rs./Crs.	17116.22	17400.00	17350.00	18491.16	17400.00	
	- Semi-Finished Goods	Rs./Crs.	2802.71	2470.00	2420.00	4343.68	2470.00	
	Value of total inventory	Rs./Crs.	36404.08	37920.00	40710.43	42578.77	40112.71	
	- Finished goods as % of Sales & others	%	5.85	6.14	5.15	7.38	5.01	

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 7.5 MMTPA. The Corporation holds an equity stake of 16.95% in Mangalore Refinery & Petrochemicals Limited, a state-of-the-art refinery at Mangalore with an enhanced capacity of 11.82 MMTPA. In addition, HPCL in Joint Venture with Mittal Energy Investments Pte Limited, Singapore is setting up of a 9 MMTPA Greenfield refinery at Bathinda, Punjab, which is scheduled to be completed by May, 2011.

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

PHYSICAL PERFORMANCE

The achievements during the year 2009-10, 2010-11 and the target set for 2011-12 are as follows:

Performance Parameter	2009-10 Actual	2010-11 April to Dec'10	2011-12 Targets
Refinery Throughput (MMT)	15.76	10.43	15.56
Capacity utilisation (%)			
MR	107.08	94.06	104.52
VR	117.33	103.80	116.90
Market Sales (MMT)	24.39	18.86	26.81
Pipeline Throughput (MMT)	11.95	9.66	10.20

The details of the physical performance are given in Annexure 'A'.

GENERATION OF INTERNAL RESOURCES:

Gross Internal Resource generated during 2009-10 was Rs. 2197 crores as compared to Rs. 1383 crores in 2008-09. The proposed revised plan outlay of Rs. 4685 crores for the year 2010-11 and proposed plan outlay of Rs. 4003 crores for 2011-12 is proposed to be met out of internal resources, borrowings from OIDB, ECB, Debentures and other loans.

FINANCIAL PERFORMANCE:

The highlights of financial performance are given at Annexure 'B'.

GENDER BUDGETING:

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.

Number of women employees:

Against a total strength of 11322 employees, as on 31.12.2010, the strength of women employees was 826 which constitutes 7.30% of the total manpower.

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. Women are also present at various leadership positions in the corporation.

Training:

HPCL is imparting training on Technical/ Functional / Behavioral Competencies on a regular basis as part of individual / organizational development to all women employees based on needs / assessment. Women employees participated significantly in programs with specific emphasis on Women's Empowerment, Health Awareness and Achieving Personal and Professional Success. A total of 320 employees attended 604 programs during April - Dec 2010.

Welfare Schemes:

HPCL has various welfare schemes for the women employees of the Corporation such as Medical Benefit Insurance Policy (MBIP) and Group Personal Accident Insurance Policy (GPAIP). Under MBIP, women employees are covered for self, spouse, children and dependent parents. Women employees are allowed 135 days 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 for all employees including women with special tests for women above 40 years of age. HPCL has also set up Health Club for the benefit of women employees.

Component Plan / Corporate Social Responsibility (CSR):

HPCL is carrying out welfare/developmental activities for the upliftment of women across the country under its Special Component Plan, Tribal Sub Plan and Welfare Plan for Weaker Section against specific budget provided on annual basis. Under this scheme, computers are provided for basic

Computer literacy. HPCL granted scholarships, provided uniforms, books, study materials etc. for school going girl children; constructed classrooms, toilet blocks, hostel building for girls at schools; provided drinking water facilities by way of water coolers, storage tanks etc.; provided medical services like medical camp, eye checkup camp, distribution of free medicines, spectacles; provided ambulances; provided mobile dispensary to the Missionaries of Charity for transportation and treatment of patients from villages around Kolkata; provided sewing and embroidery machines for tailoring training centres of All Women Federations of Mizoram; provided brail books sports items, music items etc. for Sparsh Rajkiya Drishti Badhit Inter College for Blind Girls, Lucknow; provided computers and sewing machines along with furniture, printer and generator set for computer and tailoring training of girls through Rewati Svalamban Samiti, Rewari etc.

In addition to the various welfare activities under Component Plan, some of the CSR projects executed/ implemented for gender during the year e.g. **Nanhi Kali** which is focused on education and personality development of 5100 girl children from Districts Mehboobnagar and Paderu region in Andhra Pradesh, Sheopur in Madhya Pradesh and Udaipur in Rajasthan. Secondly, the CSR Project like **Unnati** is focused on basic Computer training for 4000 students from urban, semi-urban and rural schools in and around various installations of HPCL in Maharashtra, Andhra Pradesh, Uttar Pradesh and Rajasthan. The project Muskan takes care to transform the lives of 200 street children by providing shelter at Tughlakabad and Jahangirpuri in Delhi and also basic needs like food, clothes, shelter, health care, education and vocational training etc. **Navjyot** aims to improve the health index and welfare of 3560 children in resettlement colonies of Delhi. Project Swavalamban is providing free vocational training to 1800 beneficiaries from low income group.

HINDUSTAN PETROLEUM CORPORATION LIMITED

ANNEXURE-A

ACHIEVEMENTS VIS-A-VIS TARGETS 2009-2010 & 2010-2011 AND PROJECTED TARGETS 2011-12

Sl. No.	Description	Unit	2009-2010 Target (BE)	2009-2010 Performance	2010-11 Target (BE)	2010-11 4/10 - 12/10 Actual	2010-11 Apr-Mar (Anticipated) Performance	2011-12 Projected Target
1.	2.	3.	.4	5.	6.	7.	8.	9
1.	PHYSICAL							
	Crude Thruput	Million Tonnes						
	a) Mumbai Refinery		6.20	6.97	6.78	4.59	6.80	6.79
	b) Visakh Refinery		8.19	8.80	8.65	5.84	8.51	8.77
	New Retail Outlets	Nos.	500	601	600	658	800	600
	LPG Customers	in lakhs	15.00	25.29	18.00	21.30	24.80	18.00
	New LPG Distributorships	Nos.	100	147	250	101	150	250
2.	FINANCIAL							
	Sales realisation (Gross)*	Rs./Cr.	113,977.38	114,888.63	115,741.74	100,036.93	128,976.23	127,328.43
	Profit /(LOSS) before tax (PBT)	-do-	-3,503.68	2,125.04	-429.73	595.28	-462.17	-2,548.52
	Profit /(LOSS) after tax	-do-	-3,523.68	1,301.38	-429.73	416.35	-462.17	-2,548.52

ANNEXURE-B

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2009-10 (Actual)	2010-2011			2011-2012 (Projected) (B.E.)
				Budgeted (B.E.)	4/10 to 12/10 (Actual)	(R.E.)	
1	2	3	4	5	6	7	8
1.	Sales Realisation	Rs./Crores	114,888.63	115,741.74	100,036.93	128,976.23	127,328.43
2.	Cost of Sales	Rs./Crores	112,763.59	116,171.47	99,441.65	129,438.39	129,876.94
3.	Cost of Sales as %-age of net sales	%	98.15	100.37	99.40	100.36	102.00
4.	Total cost of production	Rs./Crores	39,368.11	37,159.53	28,952.55	45,918.85	44,979.98
5.	Total value of production	Rs./Crores	47,872.52	44,335.72	34,011.75	52,304.08	50,796.55
6.	Total cost of production as %age of value of Production	%	82.24	83.81	85.13	87.79	88.55
7.	Value added per employee	Rs./Lakhs	83.11	70.05	51.40	65.82	61.40
7A.	Total Value Added	Rs./Crores	9,365.25	8,035.21	5,811.85	7,435.88	7,003.04
8.	Profit after tax to Average Net Worth	%	11.68	-3.87	3.54	-4.08	-25.95
9.	Gross margin (profit before tax) to capital employed	%	12.04	-2.02	2.99	-2.32	-11.85

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2009-10 (Actual)	2010-2011 Budgeted (B.E.)	2010-2011 4/10 to 12/10 (Actual)	2010-2011 (R.E.)	2011-2012 (Projected) (B.E.)
1	2	3	4	5	6	7	8
10.	Productivity						
	a) Input output ratio		1.22	1.19	1.17	1.14	1.13
	b) Cost of input per employee	Rs./Lakhs	349.36	323.96	256.07	406.45	394.35
	c) Value of output per employee	Rs./Lakhs	424.83	386.52	300.82	462.97	445.35
	d) Capital output ratio		2.71	2.08	1.71	2.63	2.36
11.	Total Salary Paid	Rs./Crores	1617.32	1363.64	1231.19	1693.81	1837.04
12.	Utilities Consumed	Rs./Crores					
	a) Electricity		448.12	320.01	416.02	280.96	317.03
	b) Other items		25.59	24.04	14.61	22.88	22.44
	c) Total		473.71	344.05	430.63	303.84	339.47
13.	a) Total fixed costs (Excl. Deprn.)	Rs./Crores	3,024.17	3,000.77	2,274.21	3,344.05	3,588.06
	b) Total variable costs	Rs./Crores	647.99	512.73	501.81	452.93	501.34
14.	Maintenance and repairs	Rs./Crores	559.69	612.67	466.09	658.35	693.05
15.	Expenditure on Travelling	Rs./Crores	97.39	117.52	82.57	113.77	120.66

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2009-10 (Actual)	2010-2011 Budgeted (B.E.)	2010-2011 4/10 to 12/10 (Actual)	2010-2011 (R.E.)	2011-2012 (Projected) (B.E.)
1	2	3	4	5	6	7	8
16.	Expenditure on entertainment	Rs./Crores	1.21	2.50	1.04	2.48	2.72
17.	Total over time as % of wage bill	%	1.91	2.50	1.92	2.13	2.02
18.	Contribution to Central Govt. Ex-chequer	Rs./Crores					
	a) Cess on Crude Oil		—	—	—	—	—
	b) Royality		—	—	—	—	—
	c) Dividend (including dividend tax)		121.08	182.66	275.18	275.18	0.00
	d) Sales Tax		—	—	—	—	—
	e) Excise Duty		7,121.14	7,585.40	5,186.76	7,520.80	7,671.22
	f) Customs Duty		564.74	461.19	2,297.22	3,075.06	2.284.54
	g) Others if any (Income Tax/Service Tax)		437.79	461.06	543.22	557.22	0.00
19.	Contribution to state Government	Rs./Crores					
	a) Sales Tax		12,583.82	11,447.26	11,112.15	14,973.59	15,327.13
	b) Others (Octroi)		327.46	0.00	272.76	412.52	370.42
20.	Number of employees	Nos.					
	a) Officers		4779	5166	4972	4969	4979
	b) Clerical		1613	1656	1637	1633	1610
	c) Labour		4899	4885	4713	4702	4919
	Total		11291	11707	11322	11304	11508

ANNEXURE-B (CONTD.)

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2009-10 (Actual)	2010-2011			2011-2012 (Projected) (B.E.)
				Budgeted (B.E.)	4/10 to 12/10 (Actual)	(R.E.)	
1	2	3	4	5	6	7	8
21.	Total Gross Internal Resources Generated (Retained Profit + Depreciation + Deferred Taxes)	Rs./Crores	7,466.81	1,496.00	3,041.07	3,105.00	4,052.00
22.	Net internal resources available for plan (including oil bond issue/redemption)	Rs./Crores	1,943.70	0.00	1,301.27	807.00	1,043.00
23.	Approved plan outlay /Actual Plan Expenditure	Rs./Crores	2,190.00	3,924.00	2,451.27	4,685.50	4,003.00
24A.	Foreign Exchange Budget commitments Materials/Equipment/Royalties/ Services etc.	Rs./Crores	25918.85	42,910.04	23272.51	36296.71	40,568.57

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2009-10 (Actual)	2010-2011			2011-2012 (Projected) (B.E.)
				Budgeted (B.E.)	4/10 to 12/10 (Actual)	(R.E.)	
1	2	3	4	5	6	7	8
24B.	Foreign Exchange outgo (actual payment) on account of materials, equipments, royalties, etc.	Rs./Crores	25,918.85	42,910.04	23,272.51	36,296.71	40,568.57
25.	Profit before tax (after interest and depreciation)	Rs./Crores	2,125.04	-429.73	595.28	-462.17	-2,548.52
26.	Tax Provision	Rs./Crores	823.66	0.00	178.93	0.00	0.00
27.	Profit after tax	Rs./Crores	1,301.38	-429.73	416.35	-462.17	-2,548.52
28.	Total value of imports incl payment for royalties, etc.	Rs./Crores	25,918.85	42,910.04	23,272.51	36,296.71	40,568.57
29.	Total value of procurement from indigenous sources	Rs./Crores	73,571.36	69,932.59	70,330.40	76,470.69	77,810.08

HINDUSTAN PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	2009-10 (Actual)	2010-2011 Budgeted (B.E.)	2010-2011 4/10 to 12/10 (Actual)	2010-2011 (R.E.)	2011-2012 (Projected) (B.E.)
1	2	3	4	5	6	7	8
30.	Value of Inventories						
	a) Raw Materials, Stores & Spares	Rs./Crores	2,767.25	3,140.86	3,318.04	3,690.59	3,813.03
	b) Raw materials in terms of thruput	No. of days	20	21	25	21	22
	c) Finished Goods & Packages	Rs./Crores	8,975.08	10,248.03	10,481.11	9,203.81	9,760.81
	d) Semi Finished Goods	Rs./Crores	836.89	726.17	987.21	564.05	581.95
	Value of Total Inventories (a+c+d)		12,579.22	14,115.06	14,786.36	13,458.45	14,155.79
	e) Finished Goods & Packages as % of Gross Sales Realisation		7.81	8.85	10.48	7.14	7.67

7. BHARAT PETROLEUM CORPORATION LIMITED (BPCL)

BPCL is an integrated oil company engaged in refining of crude oil and marketing of petroleum products. It has also diversified into the upstream sector, manufacture and marketing of petrochemical feedstock.

Till 1992, the Government of India held the entire paid-up capital of BPCL, which was Rs. 50 crore. At present, the Government share holding in BPCL is 54.93% consequent to the merger of erstwhile Kochi Refineries Ltd.

The Authorized and Paid up Capital of the Company is Rs. 450 crores and Rs. 361.54 crores respectively.

IMPORTS & EXPORTS

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 2010-11 :

Figs, in TMT

	Apr.-Dec.'10 (Provisional)	Jan. -March'11 (Estimate)	Total (Estimate)
Crude Imports			
Mumbai / Kochi refinery	11621	3660	15281
Total	**11621**	**3660**	**15281**
Product Imports			
LPG	290	180	470
HSD	467	0	467
SKO	0	0	0
MS	580	150	730
Reformate	216	0	216
Sub Total	**1542**	**330**	**1872**
Product Exports			
Naphtha	1375	300	1675
Fuel Oil	755	270	1025
Gasoil(l%S)	--	--	
Bitumen	0.5	--	0.5

ENGAGEMENTS ABROAD

- 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.

PHYSICAL PERFORMANCE

The details of the Physical Performance during 2009-10 and 2010-11 and BE for the year 2011-12 are given in the Annexure - A.

GENERATION OF INTERNAL RESOURCES

Gross Internal Resources generated by the Corporation during the year 2009-10 was Rs. 3305.12 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 2010-11 envisages a Plan Outlay of Rs.2814.31 crores to be funded by other borrowings.

For the year 2011-12, the Plan Outlay of Rs. 2865.15 crores will be met entirely from other borrowings.

FINANCIAL PERFORMANCE

The highlights of the financial performance are as per Annexure B.

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. and monitoring of gender budget initiatives.

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 on 30th September 2010, BPCL has a total No. of 1199 women employees which represents 8.5% of the total employees (Total employees i.e. 13890).

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 and 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 creche facility is provided at Mumbai 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 started community work in the backward areas, predominantly in SC/ST areas. Some of the activities undertaken to help the women tribal population are:

- 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 Government of India.
- Participation and display of their works at exhibitions is encouraged. This helps them earn a livelihood and also to supplement the family income.
- 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, marital 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, 70 women were trained in Chikenkari skills formed with SHG and provided a market connect which enabled them to earn an average income of 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 of three villages in Kasara region, Thane, Maharashtra with funding fromOIDB DRT.

ANNEXURE A

BHARAT PETROLEUM CORPORATION LIMITED
ACHIEVEMENTS VIS-A-VIS TARGETS : 2009-10, 2010-11, PROJECTED TARGET FOR 2011-12

Sr. No.	Description	Unit	2009-10 Target (RE)	2009-10 Performance	2010-11 Annual Target (as per Action Plan)	2010-11 Apr.-Dec.'10 Target	2010-11 Apr.-Dec.'10 Performance (Provl.)	2010-11 Jan.-Mar.'11 Target	2010-11 Jan.-Mar.'11 Performance (Proj.)	2010-11 Est.	2011-12 Projected Target	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											
i)	Mumbai Refinery	MMT	12.23	12.52	12.30	9.25	9.67	3.06	2.63	12.30	12.30	
ii)	Kochi Refinery	MMT	7.80	7.89	8.55	6.15	6.53	2.40	2.02	8.55	9.25	
B.	**OTHER PHYSICAL TARGETS**											
i)	Enrolment of LPG Customers	Nos. Lakhs	18.0	19.29	23.0	16.00	20.48	5.00	2.52	23.0	22.0	
ii)	LPG Distributorships	Nos.	80	89	75	62	53	13	13	75	150	Advertisement not released for appointment of new distributors because of MOP & NG's directive for change in categorisation of distributorships
iii)	Retail Outlets Commissioning	Nos.	612	307	820	615	298	205	102	400	400	Non-availability of suitable land

BHARAT PETROLEUM CORPORATION LIMITED
ACHIEVEMENTS VIS-A-VIS TARGETS : 2009-10, 2010-11, PROJECTED TARGET FOR 2011-12

Sr. No.	Description	Unit	2009-10 Target (RE)	2009-10 Performance	2010-11 Annual Target (as per Action Plan)	2010-11 Apr.-Dec.'10 Target	2010-11 Apr.-Dec.'10 Performance (Provl.)	2010-11 Jan.-Mar.'11 Target	2010-11 Jan.-Mar.'11 Performance (Proj.)	2010-11 Est.	2011-12 Projected Target	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	25.5	23.5	50.6	27.8	27.0	11.20	7.60	34.6	44.3	Benzene/Toluene production is in line with demand.
	Kochi Refinery	TMT	41.0	34.2	39.7	29.7	29.3	10.00	10.00	39.3	50.0	
v)	**Production of Toluene**											
	Mumbai Refinery	TMT	8.5	7.2	12.2	7.3	4.2	2.70	1.30	5.5	14.8	
	Kochi Refinery	TMT	9.0	16.1	13.8	9.8	9.0	4.0	4.0	13.0	25.0	

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Anticipated (R.E.)	Apr.-Sept'10 (Actuals)	Apr.-Dec.10 (Actuals)	2011-12 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9	10
1.	Sales (including Misc.Income)	Rs.Crores	133,739.96	133.900.00	148,816.00	76,227.86	116,131.18	145,652.95	
2.	Cost of Sales (Marketing & Refining)	Rs.Crores	131, 373.91	135,938.00	149,654.21	75,605.74	115,094.68	149,193.21	
3	Cost of Sales as percentage of sales	%	98.23	101.52	100.56	99.18	99.11	102.43	
4.	Total Cost of Production	Rs.Crores	53,941.35	58,593.00	63,266.94	33,448.58	49,134.21	61,812.14	
5.	Total Sale Value of Production (Transfer value of Refinery Production)	Rs.Crores	54,872.03	59,356.00	63,950.28	33,996.47	50,061.49	62,180.14	
6.	Total Cost of Production as %age of total Sale value of Production	%	98.30	98.71	98.93	98.39	98.15	99.41	
7.	Value added per Employee	Rs. Lakhs	72.45	47.55	52.62	62.46 (annualised)	66.99 (annualised)	46.08	
8	Total Value Added	Rs.Crores	10,112.33	6,775.84	7,393.79	8,685.52 (annualised)	9,317.21 (annualised)	6,565.74	
9	Ratio of Net Profit after tax to Average Net Worth	%	12.20	(18.17	(6.62)	6.38 (annualised)	6.09 (annualised)	(33.79)	
10	Ratio of Gross Margin (Profit before Depn. Int & Tax) to Capital Employed	%	13.74	3.79	5.31	11.70 (annualised)	12.64 (annualised)	(0.51)	

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Antici-pated (R.E.)	Apr.-Sept'10 (Actuals)	Apr.-Dec.10 (Actuals)	2011-12 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9	10
11	Productivity								
(a)	Input Output Ratio	%	98.23	101.52	100.56	99.18	99.11	102.43	Represents cost of Sales (Item No.2) as % of Sales
(b)	Cost of Input per employee	Rs.Lakhs	941.21	953.95	1,065.15	1,087.38 (annualised)	1,103,43 (annualised)	1,046.97	Represents cost of Sales per Employee
(c)	Value of Output per Employee	Rs.Lakhs	958.16	939.65	1,059.19	1,096.33 (annualised)	1,113,37 (annualised)	1,022.13	Represents Sales per Employee
(d)	Capital Output Ratio	%	397.76	384.88	417.73	460.71 (annualised)	490.34 (annualised)	424.14	Sales expressed as % of Capital employed
12	Total Salary Paid:	Rs.Crores	2,141.12	1,985.00	2,000.00	993.85	1,563,43	2,200.00	
13	Utilities Consumed :	Rs.Crores							
(a)	Electricity and Fuel		237.12	375.00	458.00	218.50	339.90	391.00	
(b)	Other iterms (Water Charges)		23.01	30.66	23.87	11.93	17.79	25.06	
	Total		260.13	405.66	481.87	230.43	357.68	416.06	

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Antici-pated (R.E.)	Apr.-Sept'10 (Actuals)	Apr.-Dec.10 (Actuals)	2011-12 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9	10
14	Classification of Costs :	Rs.Crores							
(a)	Total Fixed Costs		7,588.68	7,610.59	6,934.38	3,270.78	5,083.89	8,196.19	
(b)	Total variable Costs		123,785.23	128,327.41	142,719.82	72,334.96	110,010.79	140,997.02	
15	Maintenance and Repairs	Rs.Crores	493.59	499.00	217.00	218.89	363.30	585.00	
16	Expenditure on Travelling	Rs.Crores	98.81	115.00	104.86	52.43	81.22	150.00	
17	Expenditure on Entertainment	Rs.Crores	0.82	1.08	0.57	0.28	0.57	0.61	
18	Total Overtime as % of Wage bill	%	1.91	2.10	2.07	2.09	2.21	1.94	

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Antici-pated (R.E.)	Apr.-Sept'10 (Actuals)	Apr.-Dec.10 (Actuals)	2011-12 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9	10
19.	Contribution to Central Govt. Exchequer	Rs.Crores							
	a) Cess on Crude Oil								
	b) Royalty								
	c) Dividend #		139	--	278.04	278.04	278.04	--	
	d) Service Tax		35	51.19	39.88	19.94	31.59	41.08	
	e) Excise Duty		9,069	12,730.76	10,011.40	5,005.70	7,413.69	10,311.74	
	f) Customs Duty		1,696	2,568.06	5,901.18	2,950.59	4,004.67	6,078.22	
	g) Others if any (specify)								
	Income Tax		888		--	1,045.87	1,045.87		
	Corporate Dividend Tax		31	–	--	--	72.77	--	
20.	Contribution to State Govt.	Rs. Crores							
	a) Sales Tax		13,787	19,931.53	16,137.02	8,068.51	12,423.26	16,621.13	
	b) Others - Rates & Taxes		35	58.92	32.26	16.13	23.89	33.23	
	c) Octroi		1,005		1,111.02	555.51	827.53	1,144.35	
21.	Number of Employees on roll as at the end of the year	Nos.							
	a) Managerial		4,858	5,167	5,250	4,942	4,986	5,390	
	b) Clerical		2,158	2,185	2,153	2,163	2,161	2.133	
	c) Labour		6,884	6,948	6,797	6,807	6,768	6,777	
	Total		13,900	14,300	14,200	13,912	13,915	14,300	

Represents dividend pay out on cash basis

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Antici-pated (R.E.)	Apr.-Sept'10 (Actuals)	Apr.-Dec.10 (Actuals)	2011-12 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9	10
22.	Total Gross Internal Resources (Retained Profit+Depreciation + Deferred Tax)	Rs.Crores	3,305	(480.00)	741	1,505	2,334	(2,175)	
23.	Net internal resources available for plan	Rs.Crores	--	–	--	--	--		
24.	Approved plan outlay	Rs.Crores	3,685	3,022.00	2,814.31	1,511.00	2,266.50	2,865.15	
25.	Actual Plan Expenditure	Rs.Crores	3,090			1,339.82	1,640.56		
26.	Profit / (Loss) before Tax		2,366	(2,038.00)	(838.20)	622.12	1,036.50	(3,540.26)	
27.	Tax provision (including deferred tax)		828	--	--	198.00	425.00		
28.	Profit / (Loss) after Tax		1,538	(2,038.00)	(838.20)	424.12	611.50	(3,540.26)	
29.	Inventories at the close of the year								
a)	Value of Inventory of	Rs. Crores							
	Raw materials		2,746	3011	4.630.79	4,630.79	3,878.72	4,630.79	
	Stores and spares		176	188	217.08	217.08	207.21	217.08	
	Total		2,922	3,199.43	4,847.87	4,847.87	4,085.93	4,847.87	

ANNEXURE-B

BHARAT PETROLEUM CORPORATION LIMITED
FINANCIAL EFFECIENCY PARAMETERS

Sr. No.	Description	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Antici-pated (R.E.)	Apr.-Sept'10 (Actuals)	Apr.-Dec.10 (Actuals)	2011-12 (Projected) (B.E.)	Remarks
1	2	3	4	5	6	7	8	9	10
b)	Raw Material Inventory in Terms of per day consumpton	No. of Days	20	24	29	27	23	31	
c)	Value of Inventory Finished Goods	Rs. Crores	8,383	7859	10,668.60	10,688.60	9,679.18	10,688.60	
d)	Value of Inventory Semi-Finished Goods	Rs. Crores	723	557	860.21	860.21	1,031.92	860.21	
e)	Value Total Inventory (a+c+d)	Rs. Crores	12,029	11,615.50	16,396.68	16,396.68	14,797.03	16,396.68	
f)	Finished Goods as % of net Sales	%	6.27	5.87	7.18	7.01 (annualised)	6.25 (annualised)	7.34	

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 Rs. 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 29.3.2001 and hence, CPCL has become a subsidiary of IOCL. The authorised and paid-up capital of CPCL as on 31.12.2010 is Rs.400 crore and Rs. 149 crore respectively.

PHYSICAL PERFORMANCE

Crude Thruput (upto 31.12.2010)

The refineries at Manali and Cauvery Basin Refinery (CBR) have processed 7.91 Million Metric Tonnes (MMT) of crude upto 31.12.2010.

Fuel and Loss (upto 31.12.2010)

The Fuel & Loss of Manali Refinery during the year 2010-11 upto 31.12.2010 is estimated at 9.6 wt.%. The Fuel & Loss at CBR upto 31.12.2010 was estimated at 4.7 Wt%.

	2009-10	2010-11 (Upto 31.12.2010)	2010-11 (Target)
Installed Capacity (MMT)			
Manali Refinery	9.5	10.5	10.5
Cauvery Basin Refinery	1.0	1.0	1.0
Total	**10.5**	**11.5**	**11.5**
Actual Production (MMT)			
Manali Refinery	9.541	7.42	10.30
Cauvery Basin Refinery	0.517	0.49	0.55
Total	**10.058**	**7.91**	**10.85**

Capacity Utilisation(%)			
Manali Refinery	100.4	93.77	98.05
Cauvery Basin Refinery	51.7	64.90	55.00
Fuel & Loss (%)			
Manali Refinery	9.01	9.6	9.4
Cauvery Basin Refinery	5.7	4.7	5.2

FINANCIAL PERFORMANCE

Revenue Generation

(Rs. in crore)

2009-10	2010-11	
Actual	Actual (upto 31.12.2010)	Anticipated
29184.00	26427.20	31997.00

Profit Before Tax

(Rs. in crore)

2009-10	2010-11	
Actual	Actual (upto 31.12.2010)	Anticipated
683.76	295.60	263.50

Profit After Tax

(Rs. in crore)

2009-10	2010-11	
Actual	Actual (upto 31.12.2010)	Anticipated
603.22	197.41	175.97

Highlights if financial performance is placed at Annexure 'A'.

GENDER BUDGETING

Number of women employees vis-a-vis total employees (**as** of 31.12.2009)

Out of the 1787 employees (includes Managing Director, Directors (2) and CVO), there were 84 women employees representing 4.7% of the strength. This comprises of 34 women executives and 50 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 380 man-days of various general training programmes conducted at CPCL and 137 man-days of conferences/seminars organized by others during the year.

(iii) Corporate Social Responsibility Activities:

Forming part of the Corporate Social Responsibility, empowerment to the women folk in neighbourhood society is taken care by way of

Educational / literacy programmes, skill development, infrastructural development, protection of environment, etc.

Distribution of Benches & Tables to schools in the neighbourhood.

Providing infrastructural facilities like construction of class rooms, toilets, etc., in the neighbourhood rural schools.

Conducted General Medical Camp and Eye Camp regularly in the neighbourhood villages.

Running a Community Health Centre, Physiotherapy Unit and Library for the benefit of majority of local population.

CPCL has sponsored a job-oriented Plastics Processing Machine Operator course at the Central Institute of Plastics engg. and Technology (CIPET). Around 50 rural youth from Manali neighbourhood are taken for 6 months course and all of them are placed in plastic industries around Chennai at a monthly salary of Rs.6,000/-.

CPCL sponsored 5 Computer Centers exclusively for women & Tuition Centers for X & XII students in Government and Panchayat Union Schools in association with Ramakrishna Mission.

Running a Creche and Health Centre at Manali.

Rendering assistance to mentally retarded women home etc.

CPCL sponsored one day workshop on “Protection of Girl Child” at Manali in association with “Tamil Nadu Social Welfare Board” for the benefit of women.

CPCL sponsored one Mobile Science Lab for the benefit of schools in Thiruvallur District in association with Agastiya International, Bangalore.

CPCL contributes aids to the physically challenged people through the Tamil Nadu Handicapped Federation Charitable Trust, to the tune of Rs. 5.0 lakhs. Recently, CPCL co-sponsored Sports Meet for the benefit of physically challenged people.

(iv) Women Development Programme:

CPCL identified that there is a good job potential for Nursing Assistant in various Chermai based Hospitals and are regularly providing one year Nursing Assistant Course for the benefit of Rural women to improve their employability. Women empowerment through conduct of skill development programmes is accorded top priority by the Management. 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
(Rs. in crores)

Sl No.	Item	Unit	2009-10 (Actual)	2010-11 (Projected) (B.E.)	2010-11 Actuals Upto Dec 2010	Remarks
1	Sale	Rs/Crore	29183.84	31997.40	26427.20	Gross Sales - Commission & Discount
2	Cost of Sale	"	28500.08	31733.90	26131.60	(Sales - Profit before Tax)
3	Cost of sale as % of sale	%	97.66	99.18	98.88	
4	Total cost of production	Rs/Crore	29034.85	31607.40	26390.21	(Crude cost + Excise duty + Operating Cost (net) +Depn.+ Interest (net))
5	Total sale value of prodn.	"	29841.83	31997.40	26064.73	(Sales - Inv. Difference)
6	Total cost of production as % of total value of prodn.	%	97.30	98.78	101.25	
7.	Value added per employee	Rs/Crore	0.90	0.82	0.53	
7A	Total value added	Rs/Crore	1562.01	1466.10	946.15	[(Gross Refinery Margin - (Utilities + Stores, spares and chemicals)]
8	Ratio of Net Profit after tax to Net Worth	%	17.42	4.92	5.50	(Net Profit after tax/Net Worth)
9	Ratio of Gross Margin (profit before tax) to Capital Employed	%	10.04	3.74	4.89	(P.B.T./Capital Employed)

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

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A

(Rs. in crores)

Sl No.	Item	Unit	2009-10 (Actual)	2010-11 (Projected) (B.E.)	2010-11 Actuals Upto Dec 2010	Remarks
10	Productivity					
	a) Input output ratio	%	91.16	90.78	90.61	(Thruput/(Thruput-Fuel & Loss)
	b) Cost of input per employee (crude cost)	Rs./Lakhs	1465.09	1809.78	1320.08	(Crude cost/No. of employees other than Dev. & Project)
	c) Value of output per employee	"	1838.68	1911.43	1560.76	(Value of prodn/No. of employee other than Dev. & Project)
	d) Capital output ratio		8.43	8.95	7.36	(Turnover/Shareholders Funds)
11	Total Salary Paid	Rs./Crore	247.47	195.45	153.62	
	a) Direct Wages	"	24.85	41.05	19.65	
	b) Overheads (Welfare Exp.)					
12	Utilities Consumed					
	a) Electricity	Rs./Crore	14.31	29.00	18.14	
	b) Fuel (Own)	Rs./Crore	2066.00	2272.60	1870.15	
	c) Other items (Water)	Rs./Crore	27.54	13.10	12.59	
	d) Total	Rs./Crore	2107.85	2314.70	1900.88	

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A
(Rs. in crores)

Sl No.	Item	Unit	2009-10 (Actual)	2010-11 (Projected) (B.E.)	2010-11 Actuals Upto Dec 2010	Remarks
13	a) Total fixed costs	Rs./Crore	878.25	1202.60	671.41	Includes all revenue expenditure excluding utilities & chemicals
	b) Total variable costs	Rs./Crore	110.92	109.10	59.76	Utilities, Chemicals & Catalysts.
14	Maintenance & Repairs	Rs./Crore	155.85	208.30	85.51	
15	Expenditure on Travelling	Rs./Crore	3.32	4.45	1.58	
16	Expenditure on Entertainment	Rs./Crore	0.28	0.46	0.35	
17	Total overtime as % of total wages	%	12.25	9.85	14.11	O.T. as % of Sup & Non Sup salaries

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A

(Rs. in crores)

Sl No.	Item	Unit	2009-10 (Actual)	2010-11 (Projected) (B.E.)	2010-11 Actuals Upto Dec 2010	Remarks
18.	Contribution to Central Govt. Exchequer					
	a) Cess on Crude Oil	Rs./Crore				
	b) Royalty	"				
	c) Dividend	"				
	d) Sales tax	"	11841	13000	108.48	
	e) Excise duty / Service Tax	"	4101.34	4500.00	3144.42	
	f) Customs Duty	"	15221	1000.00	718.88	
	g) Others, If any-Income Tax	"	10502	60.00	60.60	Includes corporate tax, FBT & DOT
19.	Contribution to State Govts.					
	a) Sales tax	"	457.41	400.00	267.04	Sales Tax including VAT
	b) Others	"	8.70	15.00	14.04	Includes Purchase Tax
20.	Number of Employees on Roll as On 31st March					
	a) Officers	Nos.	815	760	815	
	b) Workmen (Technical)	"	919	843	963	
	c) Workmen (Non-Technical)	"	6	133	6	
21.	Total Gross Internal Resources Generated (Retained Profit + Depreciation + Others)	Rs./Crore	823.94	558.62	443.73	
22.	Net Internal Resources available for Plan	Rs./Crore	(2102.69)	264.17	308.30	

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A

(Rs. in crores)

Sl No.	Item	Unit	2009-10 (Actual)	2010-11 (Projected) (B.E.)	2010-11 Actuals Upto Dec 2010	Remarks
23.	Approved Plan Outlay	Rs./Crore	919.43	866.86		*RE Figures
24.	Actual Plan Expenditure	Rs./Crore	892.51		464.95	
25.	Reasons for shortfall in Expenditure compared to approved outlay					
26A.	Foreign Exchange Budget allotment	Rs./Crore				
	a) Materials/Equipment					
	b) Services					
	c) Others (specify)					
	Total					
26B	Foreign Exchange Utilisation (actual releases)	Rs./Crore				
	a) Materials/Equipment		122.48	100.00	91.86	
	b) Services		19.36	20.00	14.52	
	c) Others (Books & Travel)		239	3.00	1.79	
	d) Dividends		000	6.88	27.52	
26C	Foreign Exchange Outgo (actual payment)					
	a) Materials/Equipment		122.48	100	91.86	
	b) Services		19,36	20	14.52	
	c) Others (Books & Travel)		239	3	1.79	
	d) Dividends		0.00	6.88	27.52	

CHENNAI PETROLEUM CORPORATION LIMITED
FINANCIAL EFFICIENCY PARAMETERS

Annexure-A

(Rs. in crores)

Sl No.	Item	Unit	2009-10 (Actual)	2010-11 (Projected) (B.E.)	2010-11 Actuals Upto Dec 2010	Remarks
27.	Profit before tax (after interest and depreciation)	Rs./Crore	683.76	263.50	295.60	
28.	Tax Provision	Rs./Crore	80.54	87.53	98.19	
29.	Profit After Tax	Rs./Crore	603.22	175.97	197.41	
30.	Total Value of Imports (CIF)	Rs./Crore	122.48	100.00	91.86	
31.	Total value of procurement from indigenous sources	Rs./Crore	40.17	75.00	30.13	Stores, Spares, Chemicals and Catalysts and Packing Materials consumed plus diff between closing and opening stores inventory (Eliminating CIF value)
32	a) Value of inventory of raw materials, stores & spares	Rs./Crore	2687.97	2600.00	2750.43	
	b) Raw material inventory in terms of consumption	No of days	34.09	27	30.84	
	c) Value of inventory of finished goods	Rs./Crore	1389.75	1390.00	1539.29	
	d) Value of Inventory of semi-finished goods	Rs./Crore	300.52	300.00	513.38	
	e) Value of total inventory	Rs./Crore	4378.24	4290.00	4803.10	
	f) Finished goods as % of sales		4.76	4.34	5.82	

9. NUMALIGARH REFINERY LIMITED (NRL)

Numaligarh Refinery, popularly known as “Assam Accord Refinery” was set up as a grass-root refinery at Numaligarh in the District of Golaghat (Assam) in fulfillment of the commitment made by Government of India in the historic “Assam Accord”, signed on 15* August 1985 for providing the required thrust towards industrial and economic development of Assam. Commercial production of Numaligarh Refinery commenced from 1st October 2000.

The present authorized capital of the company is Rs. 1000 crores and paid up capital is Rs. 735.63 crores. Shareholding pattern of the Company as on 31-12-2010 is Bharat Petroleum Corporation Limited-61.65%, Oil India Limited- 26.00% and Govt. of Assam-12.35%.

PHYSICAL PERFORMANCE

NRL has successfully implemented a Diesel Quality Upgradation Project during first quarter of 2010-11 within the approved project cost of Rs.435 Crore. The project involved major revamp of process units and has enabled production of Euro-Ill and Euro-IV HSD at 100% capacity of the refinery.

The key performance details for the year 2007-08, 2008-09, 2009-10 and 2010-1 l(April to December, 2010) are given below:

Parameter	2007-08	2008-09	2009-10	2010-11 (Apr-Dec'10)*
Crude Received (TMT)	2542	2308	2560	1557
Crude Throughput (TMT)	2568	2251	2619	1603
Capacity Utilisation (%)	85.6	75.1	87.3	71.2
Distillate Yield (%)	84.8	84.7	85.3	80.4
Specific Energy Consumption (MBN)	66.1	70.7	67.6	72.00

*The refinery was shut down for most part during 1s quarter of 2010-11 for implementing the Diesel Quality Upgradation Project.

FINANCIAL PERFORMANCE:

Parameter	2007-08	2008-09	2009-10	2010-11 (Apr-Dec)
Sales Turnover (Rs/Crs)	8764	8853	7874	5882
Profit Before Tax (Rs/Crs)	413	320	362	293
Profit After Tax (Rs/Crs)	373	236	232	203
Gross Refining Margin ($/bbl)	15.92	14.43	11.19	15.31

The details of the financial performance are given at Annexure 'A'.

RETAIL MARKETING

Major products of NRL like LPG, MS, ATF, SKO and HSD are marketed through PSU oil marketing companies. Products like Naphtha, RPC/CPC and Sulphur are mostly marketed directly by the Company. NRL has been granted permission by the Government of India for marketing MS and HSD directly and for setting up a network of Retail Outlets (ROs). Retail Outlets are being set up in various parts of the country in a phased manner with focus in the North East region. NRL's total number of ROs as on 01.01.2011 stood at 72 out of which 64 are in the North East Region. NRL has been able to sustain an average Per-Pump-Throughput (PPT)at a level higher than industry average.

CORPORATE SOCIAL RESPONSIBILITY (CSR) AND GENDER BUDGETING

With a strong commitment towards socio-economic upliftment of the region, NRL continues to pursue definitive measures for improving lives of the people in the neighbouring areas of the refinery. The Vivekananda Kendra NRL Hospital (VKNRL), a multi-specialty 30 bed general hospital offers round the clock emergency services to the surrounding populace. The hospital also conducts regular health camps, offering free treatment and medicines.

NRL lays great emphasis in promoting education for the girl child. Under a scheme titled 'Prerana', scholarship is being awarded to over 200 girl students every year from 28 schools in the neighbourhood of the refinery.

Various schemes are also being pursued by NRL for providing clean drinking water and hygienic sanitation in all villages within 10 km radius of the refinery. Other CSR initiatives include providing ambulance speed boat, construction of training and placement centres in Golaghat and Jorhat districts of the State.

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

Details of expenditure incurred by NRL on CSR activities in last 3 years were as follows:

(Rs in Lakhs)

	2007-08	**2008-09**	**2009-10**	**2010-11 (Apr-Dec)**
Agri- Allied	36.03	44.58	64.08	20.55
Assistance to Educational Institutions	84.83	139.27	134.31	136.81
Infra-structure Development	132.15	139.53	171.38	131.26
Community Health	58.50	23.32	50.43	14.22
Promotion of Sports/ Culture/ Literature	38.33	59.71	50.77	55.03
Total	349.84	406.41	470.97	357.87

There are 37 women employees out of a total of 819 employees in NRL, which constitutes 4.51% of the total strength. For the year 2010-11, against an allocation of Rs.122 Lakhs on gender budgeting activities, the expenditure during April-December 2010 was Rs.59 Lakhs.

ANNEXURE-A

NUMALIGARH REFINERY LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Actual upto 31-12-2010	2010-11 Projected Jan-Mar'11	2011-12 Projected BE	2011-12 Remarks
1	2	3	4	5	6	7	8	9	10
1.	Sales etc. **	Rs. Crores	7,603.08	8,402.58	7,615.68	5.453.51	2,162.17	7,825.36	Financial parameters have been calculated based on 2.48 MMT crude throughput (83% capacity utilisation for the year 2011-12)
2.	Cost of Sale	Rs. Crores	7,241.36	7,944.57	7,192.43	5,160.47	2,031.95	7,474.23	
3.	Cost of sale as %age of sale	Percent	95.24%	94.55%	94.44%	94.63%	93.98%	95.51%	
4.	Total cost of Production	Rs. Crores	6,898.88	7,678.23	7,002.99	4,942.57	2,027.11	7,381.93	
5.	Total sale value of production	Rs. Crores	6,588.21	7,546.04	6,760.60	4,758.82	1,960.47	7,066.27	
6.	Total cost of production as %age of total sale Value of production	Percent	104.72%	101.75%	103.59%	103.86%	103.40%	104.47%	
7.	Value added/employee (Excl. Project)	Rs. Lakhs	6.92	41.07	27.35	16.79	5.47	18.17	
7A	Total value added	Rs. Crores	55.53	324.44	216.10	134.32	43.79	146.24	
8	Ratio of Net Profit after tax to Average Net Worth	Percent	9.67%	11.60%	11 .06%	7.95%	2.91%	8.67%	
9.	Ratio of Gross Margin (Profit before tax to Avg. capital employed)	Percent	15.18%	21.80%	16.60%	10.53%	4.59%	13.73%	
10.	Productivity :								
	a) Input Output Ratio	Percent	89.53%	96.98%	88.24%	87.21%	90.41%	93.70%	
	b) Cost of input per employee	Rs. Lakhs	859.14	971.93	886.45	617.82	253.39	917.01	
	c) Value of output per employee	Rs. Lakhs	820.45	955.20	855.77	594.85	245.06	877.80	
	d) Avg. Cap employed output Ratio	No. of times	2.76	3.59	2.65	1.71	0.69	2.76	
11.	Total Salary Paid	Rs. Crores							
	a) Direct wages		68.60	69.20	52.61	64.30	18.82	55.11	
	b) Overheads		36.30	69.21	57.87	25.98	4.39	60.62	
12.	Utilities Consumed :	Rs. Crores							
	a) Electricity Purchased }		0.02	0.20	4.25	0.02	4.24	4.46	
	b) Fuel }								
	c) Water								
	d) Total		0.02	0.20	4.25	0.02	4.24	4.46	

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

ANNEXURE-A

NUMALIGARH REFINERY LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Actual upto 31-12-2010	2010-11 Projected Jan-Mar'11	2011-12 Projected BE	Remarks
1	2	3	4	5	6	7	8	9	10
13.	a) Total Fixed cost	Rs.Crores	703.55	703.40	628.36	514.23	110.43	519.13	
	b) Total Variable Cost	Rs.Crores	6,532.57	7,221.60	6,544.50	4,624.51	1,916.68	6,920.03	
14.	Maintenance & Repairs	Rs.Crores	49.59	89.28	93.48	56.30	14.18	97.93	
15.	Expenditure on Travelling	Rs.Crores	9.86	14.37	15.50	7.44	5.06	16.24	
16.	Expenditure on Entertainment	Rs.Crores	0.09	0.12	0.14	0.06	0.07	0.14	
17.	Total Overtime as %age of wage bill	Percent	3.42%	4.16%	5.44%	9.12%	3.38%	5.44%	
18.	Contribution to Central Government Exchequer (cash basis)	Rs.Crores							
	a) Cess on Crude Oil								GOI does
	b) Royalty								not have any
	c) Dividend								direct shareholding in NRL
	d) Sales Tax (i.e. CST)		65.66	137.13	69.61	65.31	12.61	138.46	
	e) Excise Duty		627.16	551.65	540.07	335.05	205.02	565.13	
	f) Customs Duty		2.42	1.16	2.13	1.60	0.53	2.13	
	g) Others-Income Tax, Divident Tax & Interest		171.75	190.47	159.24	125.51	33.31	136.71	
19.	Contribution to State Government Exchequer (Cash basis)	Rs.Crores							
	a) Sales Tax		81.81	78.62	97.64	73.23	24.41	98.62	
	b) Others (Dividend)		15.01	9.40	14.76	14.48	0.28	14.76	
20.	Number of Employees on Roll as on 31st March	Number							
	a) Officers		394	406	406	386	386	391	
	b) Workmen (Technical)		399	372	372	408	408	408	
	c) Workmen (Non-Technical)}		30	32	32	26	26	26	
	d) Total (Including Project)		823	810	810	820	820	825	

ANNEXURE-A

NUMALIGARH REFINERY LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Actual upto 31-12-2010	2010-11 Projected Jan-Mar'11	2010-12 Projected BE	Remarks
1	2	3	4	5	6	7	8	9	10
21.	Total Internal Resources Generated (includes carry forward) (Retained Profit +Deferred Tax Provision + Depreciation + Write-off-deduction)	Rs.Crores	253.95	234.56	119.31	58.18	69.48	125.19	
22.	Net Internal Resources utilised for Plan (Surplus is carried forward)	Rs.Crores	229.04	212.24	93.51	49.83	43.67	100.47	
23.	Approved/Projected Plan Outlay	Rs.Crores		237.24	158.51		43.67	100.47	
24.	Actual Plan Expenditure	Rs.Crores	229.04			114.83			
25.	Reasons for shortfall in Plan Expenditure Compared to approved Outlay								
26.	Foreign Exchange Out-go (Used)	Rs.Crores							
	a) Materials/Equipment		103.54			63.37			
	b) Services }		5.11			3.13			
	c) Others }		0.05			0.03			
	d) Total		108.71	-		66.53			

ANNEXURE-A

NUMALIGARH REFINERY LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Actual upto 31-12-2010	2010-11 Projected Jan-Mar'11	2011-12 Projected BE	Remarks
1	2	3	4	5	6	7	8	9	10
27.	Profit Before Tax	Rs. Crores	361.71	458.01	423.25	293.04	130.22	351.12	
28	a) Income Tax Provision (Net)	Rs. Crores	136.23	179.39	140.45	88.90	51.59	117.96	
	b) Deferred Tax Provision		(6.60)	(21.67)	3.42	1.20	2.22	3.28	
29.	Profit After Tax	Rs. Crores	232.08	300.29	279.35	202.94	76.41	229.88	
30.	Total value of Imports (CIF)	Rs. Crores	107.94			66.06			
31.	Total value of procurement (crude) from indigenous sources	Rs. Crores	6,458.23	7,068.41	6,517.15	4,465.04	2,025.80	6,897.09	
32.	INVENTORY AT THE CLOSE OF THE YEAR								
	a) Value of inventory of Raw Materials, Store & Spares	Rs. Crores	245.90	382.81	344.40	129.75	344.40	345.68	
	b) Raw Material Inventory in terms of consumption	Percent	2.29%	30.07%	2.29%	0.58%	2.29%	2.25%	
	c) Value of Inventory of Finished Goods	Rs. Crores	1,189.04	501.36	711.36	1,054.26	711.36	711.36	
	d) Value of Inventory of Semi-Finished Goods	Rs. Crores	115.22	100.66	100.66	373.38	100.66	100.66	
	Value of Total Inventory (a+b+c+d)	Rs. Crores	1,550.16	984.83	1,156.41	1,557.39	1,156.41	1,157.70	
	e) Finished Goods as percentage of Net Sales	Percent	19.94%	6.65%	10.83%	22.86%	10.83%	10.10%	

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 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 interests span both manufacturing and services. The Company achieved Gross Turnover of Rs. 1750.50 crores during 2009-10, and Profit after Tax of Rs. 117.29 Crores, highest ever in the history of the Company, which is an increase of 15% over previous financial year.

The authorized capital and paid-up capital of the company as on 31.12.2010 was Rs. 30 Crore and Rs. 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.

PHYSICAL PERFORMANCE

Sl. No.	Description	Unit	2009-10 (Actual)	2010-11 Estimated Apr.-Dec'10	2010-11 Estimate	2011-12 (BE)
1.	Barrels/Drums					
	200/2l0Ltrs.		32.16	25.90	31.00	32.00
	165 Ltrs. Bitumen	Nos./Lakhs	6.93	1.10	2.00	2.00
2.	Greases/Lubricants	MT/Lakhs	0.43	0.31	0.40	0.42
3.	Leather Chemicals	MT	5984	4700	6000	6200

REVENUE GENERATION (INTERNAL GENERATION)

Rs/Crores

Description	2009-10 Actual	2010-11 Anticipated	2010-11 Actual (upto Dec.10)	2011-2012 Projected
Internal Generation	41.34	47.00	14.00	40.00

PROFIT

Rs/Crores

Description	2009-10 Actual	2010-11 Anticipated	2010-11 Actual (upto Dec.10)	2011-2012 Projected
Profit Before Tax	152.98	153.00	122.00	169.00
Profit After Tax	117.29	103.00	82.20	114.00

Highlights of financial performance may be seen at Annexure 'A'.

GENDER BUDGETING

An amount of Rs. 240.00 lakhs was budgeted under the 'SCP/TSP' and 'Gender Budgeting' during the year 2010-11. As on 31st December, 2010, expenditure amounting to Rs.60.42 lakhs was incurred under the Schemes of 'Balmer Lawrie initiatives for Self-Sustenance' (BLISS) and 'Samaj Mein Balmer Lawrie' (SAMBAL).

Further, the Company has earmarked an amount of Rs.240.00 lakhs for Gender initiatives for the year 2011-12.

ANNEXURE - A

BALMER LAWRIE & CO. LTD.

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	Actual 2009/10	2010-11 Target	2010-11 Estimated April'10 Dec.'10	2011-12 BE
1.	Sales (including Excise Duty)	(Rs./Crores)	1750.50	1920.00	1605.25	2200.00
2.	Cost of Sales	(Rs./Crores)	1597.52	1753.20	1476.11	2024.00
3.	Cost of Sales as % of Sales	(%)	91.3	91.3	92.0	92.0
4.	Total Cost of Production/ Services & Other Activities	(Rs./Crores)	1570.94	1728.82	1453.79	1990.61
5.	Total Sale Value of Production/ Services & Other Activities	(Rs./Crores)	1745.20	1920.00	1606.74	2200.00
6.	Value Added per Employee	(Rs./Lakhs)	28.07	22.01	29.63	33.36
7.	Total Value Added	(Rs./Crores)	397.15	324.58	318.48	492.00
8.	Financial					
	a) Ratio of Net Profit after Tax to Net Worth	(%)	25.39	21.44	21.09	19.84
	b) Ratio of Gross Margin (PBIDT) to Capital Employed	(%)	35.34	32.57	32.05	32.62
	c) PBT as % of Cap. Employed	(%)	32.35	30.05	29.42	29.44
	d) PAT as % of Cap. Employed	(%)	24.80	20.14	19.77	19.74
	e) Earnings per Share	(Rs.)	72.00	68.63	71.05	72.44
	f) Net Worth/Eq. Shares	(Rs.)	283.59	320.04	336.88	365.04
	g) Debt Equity Ratio	(Ratio)	0.00:1	0.06:1	0.05:1	0.08:1

ANNEXURE - A

BALMER LAWRIE & CO. LTD.

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	Actual 2009/10	2010-11 Target	2010-11 Estimated April'10 Dec.'10	2011-12 BE
9.	Productivity (*)					
	a) Input/output Ratio	(Ratio)	1.30	1.21	1.25	1.29
	b) Cost of Input per Employee	(Rs./Lakhs)	95.32	107.91	89.34	115.41
	c) Value of Output per Employee	(Rs./Lakhs)	123.71	130.17	112.02	149.15
	d) Capital Output Ratio	(Ratio)	3.70	3.46	2.74	3.68
10.	Contribution to Central Exchequer	(Rs./Crores)				
	a) Cess on Crude Oils		–	–	–	–
	b) Royalty		–	–	–	–
	c) Dividend		–	–	–	–
	d) Sales Tax		3.15	6.50	4.25	7.00
	e) Excise Duty		77.92	87.00	71.79	100.00
	f) Customs Duty		3.47	5.50	3.40	5.00
	g) Others, if any (Specify)					
	- Corporate Tax (Other than deferred Tax)		35.69	55.00	43.53	58.00
	- Others		15.37	13.00	9.00	14.00
			135.60	167.00	131.97	184.00

* Figures have been annualised whereever necessary.

(*) Capital Employed denotes Net Fixed Assets + Working Capital + Investments + Deferred Revenue Expenditure

ANNEXURE - A

BALMER LAWRIE & CO. LTD.

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	Actual 2009/10	2010-11 Target	2010-11 Estimated April'10 Dec.'10	2011-12 BE
11.	Contribution to State Exchequer	(Rs./Crores)				
	a) Sales Tax		21.49	30.00	19.50	32.00
	b) Others		1.35	2.50	1.50	3.00
	Total		22.84	32.50	21.00	35.00
12.	No. of Employees on Roll (As on 31st March)	(Nos.)	1415	1475	1433	1475
13.	Total Gross Internal Resources Generated (Retained Profit + Depreciation and Write-offs) before Non Plan Capital Expenditure	(Rs./Crores)	85.22	83.79	95.83	87.37
14.	Non-Plan Capital Expenditure	(Rs./Crores)				
	a) Total		0.12	0.50	–	0.25
	b) Funded by OIDB/FIs		–	–	–	–
	c) Funded by IR		0.12	0.50	–	0.25
15.	Net Internal Resources available for Plan	(Rs./Crores)	41.34	27.00	20.22	40.00

ANNEXURE - A

BALMER LAWRIE & CO. LTD.

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Item	Unit	Actual 2009/10	2010-11 Target	2010-11 Estimated April'10 Dec.'10	2010-11 2011-12 BE
16.	Approved Plan Outlay	(Rs./Crores)	66.90	47.00	47.00	60.00
17.	Actual Plan Expenditure	(Rs./Crores)	41.34		20.44	
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 2010-11 (RE) and 2011-12 (BE) has accordingly been projected.			
19.	Profit before Tax (after Interest & Depreciation)	(Rs./Crores)	152.98	166.80	129.14	176.00
20.	Tax Provision	(Rs./Crores)	35.69	55.00	42.33	58.00
21.	Profit after Tax	(Rs./Crores)	117.29	111.80	86.81	118.00

11. BIECCO LAWRIE LIMITED (BLL)

Biecco Lawrie Limited was incorporated in 1919 as British India Construction Company Limited and became an independent PSU on 02.07.79 through equity participation of Government of India as the major shareholder.

The authorized and paid up capital of the company as on 31.12.2010 were Rs.5000 lakhs and Rs.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. Financial Institutions and general public hold the balance.

The company has the following business activities at present:

Electrical Operations : The Company's Electrical Operations comprise:-

Switchgear & spares manufacturing and marketing Repair of Electrical Rotating Machinery and Electrical Turnkey Projects

Petroleum Operation: The Company undertakes lubricating oil filling operations on behalf of IOCL and BPCL.

PHYSICAL PERFORMANCE

During 2009-10 the company manufactured 1167 Nos. Switchgear Panels representing 85% of capacity utilization. The Company is expected to manufacture 1454 Nos. Switchgear Panels during 2011, which is 106% of the installed capacity. 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 2009-10 turnover was Rs.908 lakhs and expected turnover in 2011 is Rs. 1160 lakhs.

In its project activity the company registered a turnover of Rs.2614 lakhs in 2009-10 and expected turnover for the year 2010-11 is Rs.4400 lakhs. 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.

During 2009-10, BLL has also started operating as Third Party Inspection Agency (TPIA) for RGGVY projects implemented by the State Governments and other Governments Authorities. During 2011-12, sales value of Rs.6.90 Crore is budgeted as against Rs.7.46 Crore in 2010-2011 for Third Party Inspection Agency business.

Generation of Internal Resources

The company earned net profit of Rs.l.73 Crore during 2009-10 and expected profit in 2010-11 is Rs.4.05 Crore. The budgeted net profit projected for 2011-12 is Rs.4.39 Crore.

Financial Performance

The highlight of the financial performance of the company is given at Annexure 'A'.

Gender Budgeting

The gender budgeting initiatives taken are given at Annexure 'B'.

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Anticipated (R.E.)	2010-11 Actual Apr.-Dec'10 (Prov.)	2011-12 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
1.	Sales	Rs./Crores	67.42	113.21	93.70	39.44	103.59	
2.	Cost of Sales	Rs./Crores	65.69	109.01	89.65	38.27	99.20	
3.	Cost of Sales as percentage of Sales	Percentage	97.43	96.29	95.68	97.03	95.76	
4.	Total Cost of Production	Rs./Crores	64.20	107.40	87.90	37.43	97.08	
5.	Total Sales value of Production (output)	Rs./Crores	67.23	113.21	93.70	39.24	103.59	
6.	Total cost of production as percentage of total value of production	Percentage	95	95	94	95	94	
7.	Value added per employee	Rs.	604680	798058	714250	5454	818490	
7A.	Total value added	Rs./Crores	24.55	32.88	28.57	2.22	31.43	
8.	Ratio of Net Profit after tax to Net Worth		N.A	N.A	N.A	N.A	205%	
9.	Ratio of Gross margin (Profit before tax) to Capital employed		5%	10%	10%	3%	10%	
10.	Productivity							
	a) Input Output Ratio	Percentage	64	71	70	52	70	
	b) Cost of input per employee	Rs.	1065212	1957039	1646250	502703	1898177	
	c) Value of output per employee	Rs.	1655911	2747816	2342500	964128	2697656	
	d) Capital output Ratio	Percentage	160	270	223	93	247	
11.	Total Salary paid	Rs./Crores						
	a) Officers		5.30	5.48	5.63	4.24	5.90	
	b) Workmen (Technical)		4.25	4.26	4.31	3.08	4.68	
	c) Workmen (Non-Technical)		1.45	1.80	1.85	1.35	1.91	
	d) Total		11.00	11.54	11.79	8.67	12.49	
	e) Overheads		3.91	3.54	3.74	3.32	3.67	
			14.91	15.08	15.53	11.99	16.16	

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Anticipated (R.E.)	2010-11 Actual Apr.-Dec'10 (Prov.)	2011-12 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
12.	Utilities consumed	Rs./Crores						
	a) Electricity		0.72	0.78	0.77	0.56	0.87	
	b) Fuel		0.18	0.22	0.21	0.16	0.24	
	c) Other Items		-	-	-	-	-	
	d) Total		1.00	0.98	0.94	0.72	1.11	
13.	a) Total Fixed Costs	Rs./Crores	20.95	26.77	22.05	16.97	24.19	
	b) Total variable Costs (Input)	Rs./Crores	43.25	80.63	65.85	20.46	72.89	
14.	Maintenance and Repairs	Rs./Crores	0.56	0.73	0.62	0.47	0.74	
15.	Expenditure on Travelling	Rs./Crores	0.59	0.75	0.65	0.49	0.75	
16.	Expenditure on Entertainment	Rs./Lakhs	0.59	0.90	0.44	0.34	0.99	
17.	Total overtime as percentage of wages bill		4	6	4	2	6	
18.	Contribution to Central Govt. Exchequer	Rs./Crores						
	a) Cess on Crude Oil		-	-	-	-	-	
	b) Royalty		-	-	-	-	-	
	c) Dividend		-	-	-	-	-	
	d) Sales Tax		1.38	1.90	1.60	0.67	2.07	
	e) Excise Duty		2.38	4.77	2.95	1.66	3.76	
	f) Customs Duty		0.05	0.35	0.20	0.02	0.10	
	g) Other, if any (FBTax etc.)		0	0.00	0.00	0.00	0.00	
19.	Contribution to State Govt.	Rs./Crores						
	a) Sales Tax		0.68	0.99	0.80	0.62	0.88	
	b) Turnover Tax & Others							

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Antici-pated (R.E.)	2010-11 Actual Apr.-Dec'10 (Prov.)	2011-12 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
20.	Number of Employees on Rolls as on 1.4.10	Nos.						
	a) Officers		78	78	90	88	90	
	b) Workmen (Technical)		280	266	254	261	240	
	c) Workmen (Non-Technical)		48	68	56	58	54	
	d) Total		406	412	400	407	384	
21.	Total Gross Internal Resources Generated: (Retained Profit + Depreciation + others)	Rs./Crores	2.40	4.80	4.70	1.62	5.07	
22.	Net Internal Resources available for plan	Rs./Crores	-	-	-	-	-	
23.	Approved Plan Outlay	Rs./Crores	8.00	5.00	5.00	5.00	8.00	
24.	Actual Plan Expenditure	Rs./Crores	-	5.00	5.00	-	8.00	
25.	Reasons for shortfall in plan Expenditure compared to approved outlay (reasons should be very brief)	Rs./Crores	-	-	-	-	-	
26A.	Foreign Exchange Budget allotment (if any)	Rs./Crores						
	a) Materials/Equipment		1.50	1.70	1.60	0.65	5.16	
	b) Services		-	-	-	-	-	
	c) Others-Technical know-how		-	-	-	-	-	
			1.50	1.70	1.60	0.65	5.16	

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Anticipated (R.E.)	2010-11 Actual Apr.-Dec'10 (Prov.)	2011-12 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
B.	Foreign Exchange Utilisation (actual release)	Rs./Crores						
	a) Materials/Equipment		0.22	5.16	1.60	0.18	5.16	
	b) Services		-	-	-	-	-	
	c) Others-Technical know-how		-	-	-	-	-	
			0.22	5.16	1.60	0.18	5.16	
C.	Foreign Exchange out-go (actual payment)	Rs./Crores						
	a) Materials/Equipment		0.22	5.16	1.60	0.18	5.16	
	b) Services		-	-	-	-	-	
	c) Others-Technical know-how		-	-	-	-	-	
			0.22	5.16	1.60	0.18	5.16	
27.	Profit before Tax (after interest and depreciation)	Rs./Crores	1.74	4.32	4.17	1.23	4.54	
28.	Tax Provision	Rs./Crores	0.07	0.12	0.12	0.06	0.12	
29.	Profit after Tax	Rs./Crores	1.67	4.20	4.05	1.17	4.39	
30.	Total value of Imports	Rs./Crores	0.22	5.16	1.60	0.18	5.16	
31.	Total value of procurement from indigenous resources	Rs./Crores	28.00	43.25	55.70	20.62	70.49	

ANNEXURE-A

BIECCO LAWRIE LIMITED

FINANCIAL EFFICIENCY PARAMETERS

Sl. No.	Items	Unit	2009-10 (Actuals)	2010-11 Budgeted (B.E.)	2010-11 Antici-pated (R.E.)	2010-11 Actual Apr.-Dec'10 (Prov.)	2011-12 Projected (B.E.)	Remarks
1	2	3	4	5	6	7	8	9
32.	Inventories at the close of the year :							
	a) Raw Material Inventory in terms of manday/ consumption Days		111	41	74	84	40	
	b) Value of Inventory of raw materials, stores & spares	Rs./Crores	8.22	4.73	6.77	6.56	4.69	
	c) Value of Inventory of Finished goods	Rs./Crores	1.50	5.25	2.54	2.19	5.07	
	d) Value of Inventory of Semi-finished goods	Rs./Crores	0.97	1.05	1.92	1.32	1.06	
	Value of Total Inventory (B+C+D)	Rs./Crores	10.69	11.03	11.23	10.07	10.82	
	e) Finished goods as percentage of net Sales	Percentage	2	5	3	6	5	

GENDER BUDGETING INITIATIVES 2010-11

Schemes/ Policies	Brief description of activities earmarked entailed and activities for women	Target Group of beneficiaries/ users	Analysis of employment pattern/No. of women beneficiaries/post project increase in income/ skills etc.	Special Gender Budgeting initiatives that can be taken to promote women's participation either in employment or as user
Plan Schemes				
Sponsoring of one(1) bed at Child in Need Institute (CINI) for underprivileged mothers and children - covering diagnosis, treatment, hospitalization, medicines, nutrition, etc.	Sponsoring a bed for in-door medical assistance including hygiene, nutrition and parenting skills for Mother and mal-nourished / ill Children to economically weak families under the aegies of the “Child In Need Institute (CINI)”	The programme is targetted at young mothers and children who come from poor socio-economic backgrounds and have limited access to medical care	The project is directed at providing assistance by way of medical intervention as well as nutritional and parenting inputs. This leads to better understanding of health and nutrition so that the approach is preventive rather than seeking curative methods	Proper care, nutrition and timely medical intervention at the early stages of development help in overall development / growth of the child both mentally and physically thereby having long reaching implications
Sponsoring of education of twelve(12) abandoned girl children under Child In Need Institute (CINI) a 24 month programme	Upliftment of the abandoned girl child through bridge education prior to placement in formal educational systems	This targets the abandoned girl child and provides for bridge education prior to placement in formal educational systems	Providing basic life skills & education and thereafter, possibly, formal / skill training, will assist in bringing about improvement in attitudinal as well opportunities for growth and development.	The expected outcomes of imparting education is that the person can make informed decisions, has access to better opportunities and can bring about changes at the family level.

GENDER BUDGETING INITIATIVES 2010-11

Schemes/ Policies	Brief description of activities earmarked entailed and activities for women	Target Group of beneficiaries/ users	Analysis of employment pattern/No. of women beneficiaries/post project increase in income/ skills etc.	Special Gender Budgeting initiatives that can be taken to promote women's participation either in employment or as user
Training of female health / field workers. The outcomes would be manifold i.e. the trained personnel could earn a livelihood and in turn reach out to the grassroot level to provide needed health care and support	Ten(10) girls with Madhyamik / Higher Secondary background, have been selected from economically backward communities, for training as “Ward Nurses”	Young women who through proper training can develop the skills that will not only improve the health care for the community but also generate income and economic independence and upliftment	(1) Most young women are given in early marriage to reduce the burden on the parents. (2) Young women are lured to unskilled jobs which leave them open to exploitation	The young trained women would be able to better face the world on the work front arena.

12. MANGALORE REFINERY & PETROCHEMICALS LIMITED

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 Rs.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 Rs.2000 Crore and Rs.1761.85 Crore respectively. As on 31.12.2010, ONGC holds 71.63% of equity of the Company while BPCL holds 16.95%.

PHYSICAL PERFORMANCE

During the year 2009-10, the Company has achieved highest ever capacity utilization of 130%.

During the year 2008-09, the Company processed 12.59 million metric tones (MMT) of crude oil, produced 11.78 MMT of finished goods and despatched 11.76 MMT of finished goods. Distillate yield for the year was 71.95% comprising of Light distillate of 19.57% and Middle distillate of 52.38%. Heavy ends yield was 21.63%. The fuel & loss of the refinery was 6.42%.

FINANCIAL PERFORMANCE

Sources of Generation of funds for the Budget

The entire plan expenditure for the year 2008-09 has been met from internal resources. The outlay for 2009-10 will also be met out of internal resources.

Profitability

During the year 2009-10, turnover of the company was Rs. 31,860/- Crore. The company has reported profit after tax of Rs. 1112.37 Crore.

Profit Before Tax

Rs. Crore

	2009-10	2010-11	2010-11	2011-12
		(RE)	UPto Dec.2010	(BE)
	Actual	Anticipated	Actual	Projected
Profit / (Loss) before Tax	1691.84	634.13	892.42	480.40

Profit after Tax

Rs. Crore

	2009-10	2010-11 (RE)	2010-11 UPto Dec.2010	2011-12 (BE)
	Actual	Anticipated	Actual	Projected
Profit /(Loss) after Tax	1112.37	418.59	623.78	317.11

The details of Financial Performance are given at Annexure-A.

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 expenses for the same is Rs.1,13,013/-. It is also proposed to organize training programme on Health Care. Women employees are 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.

> Rs. 15,00,000 is ready for distribution as financial assistance to girl children in 160 government schools will be provided to them with zero balance account in their name, in a Nationalised Bank.

In a life enabling initiative a girl child Baby Ankitha was provided cochlear device to activate her hearing disability costing Rs. 10,00,000/-

A girl child Baby Anvitha was provided financial help of Rs.43,000/- for heart treatment. Mrs. Annie Rodrigues was provided financial help of Rs,10,000/- for cancer treatment. Mrs. Shanthi was provided financial help of Rs.40,000/- for cancer treatment. The total amount spent on above 4 activities comes to Rs. 10,93,000/-. Through fitment of Jaipur Foot gave mobility to three women ranging from 35 to 72 years and a girl child of 6 years. One polio effected girl child was given tricycle for easy movement.

> Conducted Self Employment training on Stichcraft and tailoring at MRPL Rehablitation Colony, Chellairu, Mahila Samaj Katipalla & Sarpady. 72 women have trained and equipped to set up their tailoring unit and another 42 women will be given six month training and will be given individual sewing machine. This entire exercise was at a budget of Rs.4,52,000/-.

> Sponsored Rs. 50,000/- Women Entrepreneurship programme for SC/ST organized by SC/ST Studies and Development Trust Mangalore.

> Sponsored Rs. 1,00,000 to Karavali Readers and writers association to organize two days seminar on Social Linguistic issues pertaining to women writers.

ANNEXURE-A

Mangalore Refinery & Petrochemicals Limited

Financial Efficiency Parameters

Sl. No.	Details	Unit	2009-10 Actual	2010-11 BE	2010-11 RE	2010-11 Actual Upto Dec.2010	2011-12 BE
1.	Sales (Net of Excise Duty)	Rs.Crore	31,860.09	31,749.81	35,128.02	26,482.88	35,561.92
2.	Cost of Sales	Rs.Crore	30360.34	30931.75	34,099.19	25,366.08	34,401.27
3.	Cost of Sales as percentage of Sales	%	95%	97%	97%	96%	97%
4.	Total Cost of Production	Rs.Crore	30,569.02	30,870.52	34,027.63	26,085.43	34,317.34
5.	Total Sale Value of Production	Rs.Crore	32,155.97	31,749.81	35,128.02	27,276.61	35,561.92
6.	Cost of Production as percentage of Sale value of production	%	95%	97%	97%	96%	97%
7.	Total Value added	Rs.Crore	1795.63	818.06	1028.83	11,910.53	1,160.65
8.	Value added per employee	Rs.Crore	1.37	0.59	0.67	1.48	0.67
9.	Ratio of net Profit After Tax to Net Worth	%	18.27%	3.71%	6.96%	13.37%	5.01%
10.	Ratio of Gross Margin to Capital employed	%	49.15%	28.09%	33.24%	21.42%	8.73%
11.	Contribution to Central Govt. Exchequer						
	(a) Cess/Excise Duty	Rs.Crore	4,169.83	3,717.52	4,597.53	3,658.13	4,654.32
	(b) Royalty	Rs.Crore					
	(c) Customs Duty	Rs.Crore	110.79	50.47	123.31	116.88	124.44
	(d) Corporate Tax, FBT/W Tax	Rs.Crore	470.76	108.15	501.11	501.11	163.29
	(e) Tax on Foreign Companies A/c	Rs.Crore					
	(f) Dividend	Rs.Crore					
	(g) Tax on Dividend	Rs.Crore	35.75		34.93	34.93	
	Sub-Total (11)	**Rs.Crore**	4,787.13	3,876.14	5,256.89	4,311.05	4,942.06
12.	Contribution to State Government Exchequer						
	(a) Sales Tax including turnover tax, RST, CST & VAT	Rs.Crore	261.80	269.17	288.65	171.11	292.22
	(b) Royalty	Rs.Crore					
	(c) Octroi/BPT Duties & Entry Tax	Rs.Crore	80.68	73.72	90	62.96	90.62
	Sub-Total (12)	**Rs.Crore**	342.48	342.89	378.45	234.07	382.84
12A	Total Contribution to Central/State Exchequer (11+12)	Rs.Crore	5,129.61	4,219.03	5,635.34	4,545.12	5,324.90

ANNEXURE-A

Mangalore Refinery & Petrochemicals Limited
Financial Efficiency Parameters

Sl. No.	Details	Unit	2009-10 Actual	2010-11 BE	2010-11 RE	2010-11 Actual Upto Dec.2010	2011-12 BE
13.	Number of employees on roll						
	(a) Officers	Nos.	600	658	641	587	641
	(b) Workmen (Technical)	Nos.	579	610	759	576	933
	(c) Workmen (Non-Technical)	Nos.	133	130	136	131	165
	Sub-Total (13)	Nos.	1312	1398	1536	1294	1739
14.	Total Manpower Cost	Rs.Crore	95.89	118.29	120.84	135.70	129.84
15.	Retained Profit	Rs.Crore	867.12	210.04	418.59	623.78	317.11
16.	Internal Resources Generated	Rs.Crore	1,348.12	538.88	829.50	707.13	820.42
17.	Net Internal Resources available for plan	Rs.Crore	5,339.29	2,112.16	4,796.88	4,632.09	1,527.90
18.	External Resources - ECB/Supp. Credit	Rs.Crore	0.00	1,800.00	0.00	0.00	4,000.00
19.	Gross Resources available for Plan	Rs.Crore	5,339.29	3,912.16	4,796.88	4,632.09	5,527.90
20.	Approved Plan outlay	Rs.Crore	1,413.92	3,156.86	3,671.00	2,404.53	5,164.00
21.	Foreign exchange outgo						
	(a) Goods & Services	Rs.Crore	26,296.06	24,553.00	28,625.90	24,828.64	28,859.96
	(b) Interest	Rs.Crore	4,43	0.00	3.80	0.00	0.00
	Sub-Total (19)	Rs.Crore	26,300.49	24,553.00	28,629.70	24,828.64	28,859.96
22.	Foreign exchange earnings	Rs.Crore	11,041.34	8,964.66	13,440.02	9,364.17	12,986,84
23.	Profit/(Loss) Before Tax (after Interest & Depreciation)	Rs.Crore	1,691.84	318,20	634.13	892.42	480.40
24.	Provision for Tax	Rs.Crore	487.80	174.49	215.54	482.73	163.29
24A	Deferred Tax	Rs.Crore	91.67	(66.33)	0.00	(214.09)	0.00
25.	Profit after Tax	Rs.Crore	1,112.37	210.04	418.59	623.78	317.11

MANGALORE REFINERY & PETROCHEMICALS LIMITED
FINANCIAL EFFICIENCY PARAMETERS

ANNEXURE A-I
(RS.IN CRORES)

PART - I, RETAINED PROFIT/SURPLUS

Sl. No.	Description	2009-10 ACTUAL	2010-11 BE	2010-11 RE	2010-11 Actual Upto Dec.'10	BE 2011-12
1	2	3	4	5	6	7
1.	Receipts :					
	i. Gross Sales	31,860.09	31,749.81	35,128.02	26,482.88	35,561.92
	ii. Other Income	63.75	15.30	20.85	(13.81)	15.64
	iii. Interest Receipts	227.76	22.25	101.17	131.50	1.91
	Sub Total (1)	32,151.60	31,787.36	35,250.04	26,600.57	35,579.47
2	Operating Cost					
	i. Raw Material Cost	30,230.87	30,412.34	33,647.93	25,788.56	33,956.30
	ii. Salaries & Wages	95.89	118.29	120.84	135.70	129.84
	iii. Bonus	0.00	0.00	0.00	0,00	0,00
	iv. Maintenance, Utilities	97.16	191.14	116.06	67.09	115.50
	v. Selling & Dist Expenses	87.20	61.23	71.56	74.38	83.93
	vi. Other Cost	(245.30)	148.75	142.80	83.08	115.70
	Sub Total (2)	30,265.82	30,931.75	34,099.19	26,159.81	34,401.27
3	Accretion (+)/Decretion (-) to Stocks	310.89	0.0	0.00	826.84	0.00
4	DEPRECIATION & WRITE-OFFS	389.33	395.17	410.91	297.44	503.31
5	INTEREST PAYMENT					
	i. Central Govt.	0.00	0.00	0.00	0.00	0.00
	ii. Others	115.50	142.24	105.81	77.74	194.49
	Sub Total (5)	115.50	142.24	105.81	77.74	194.49
6	Profit/(Loss) Before Tax	1,691.84	318.20	634.13	892.42	480.40
7	Provision for Corporate Tax-Current Tax	487.80	174.49	215.54	482.73	163.29
8a	Defered Tax Liability	91.67	(66.33)	0.00	(214.09)	0.00
9	Profit After Tax	1,112.37	210.04	418.59	623.78	317.11
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	867.12	210.04	418.59	623.78	317.11

MANGALORE REFINERY & PETROCHEMICALS LIMITED
FINANCIAL EFFICIENCY PARAMETERS

ANNEXURE A-II
(RS. CRORES)

PART - II, GENERATED INTERNAL AND EXTRA BUDGETARY RESOURCES FOR PLAN SCHEMES

Sl. No.	Details	2009-10 ACTUAL	2010-11 BE	2010-11 RE	2010-11 Actual Upto Dec.'10	BE 2011-12
1	2	3	4	5	6	7
1.	RETAINED PROFIT/SURPLUS FROM PART-I	867.12	210.04	418.59	623.78	317.11
2	ADD : (a) Depreciation & Write Offs	389.33	395.17	410.91	297.44	503.31
	(b) Defered Tax	91.67	(66.33)	0.00	(214.09)	0.00
3	DEDUCT					
	i. Loan Repay Govt. India	0.00	0.00	0.00	0.00	0.00
	ii. Loan Repay Others	511.47	90.00	0.00	130.01	431.40
	a. Total Loan Repayments	511.47	90.00	0.00	130.01	431.40
	b. Net Increase/Decrease in Working Capital	(2,178.58)	0.00	(150.00)	(154.52)	(150.00)
	c. Non-Plan Capital Requirement	47.67	150.00	108.00	24.93	137.00
	d. Amount withdrawn from Reserve	0.00	0.00	0.00	0.00	0.00
	Subtotal (3)	(1,619.44)	240.00	(42.00)	0.42	418.40
4	Adjusted internal Resources available for Plan Schemes	2,967.56	298.88	871.50	706.71	402.02
5	Carry forward surplus available from prervious year	2,371.73	3,366.94	3,925.38	3,925.38	1,125.88
6	Total Internal Resources (4+5)	5,339.29	3,665.82	4,796.88	4,632.09	1,527.90
7	EXTRA BUDGETARY RESOURCES					
	a. Other Loans	0.00	0.00	0.00	0.00	0.00
	b. Indian Loans (OIDB)	0.00	0.00	0.00	0.00	4,000.00
	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	0.00
	e. Cash credit (SBI)	0.00	0.00	0.00	0.00	0.00
	Subtotal (7)	0.00	0.00	0.00	0.00	4,000.00
8	Total Internal & External Budgetary Resources (6+7)	5,339.29	3,665.82	4,796.88	4,632.09	5,527.00
9	Plan Outlay	1,413.92	3,156.86	3,671.00	2,404.53	5,164.00
10	Surplus / Deficit for the year	3,925.37	508.96	1,125.88	2,227.56	363.90

13. ENGINEERS INDIA LIMITED (EIL)

Engineers India Limited (EIL) is a leading design engineering and project management consultancy organization set up in 1965 with its headquarter situated in New Delhi. EIL has an authorized and paid up share capital of Rs. 300 crores and Rs. 168.47 crores respectively as on 31.12.2010. The Government of India has a holding of 80.4% in the paid up share capital of the company. Since its inception, EIL has been serving the petroleum, 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 owned 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 the 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.

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 organization. A budgetary allocation to this Forum for the purpose of participation in Training Programmes, Workshops and Seminars etc. was Rs. 7 Lakhs for 2010-11.

(i) Statutory Obligations

The Women's Forum is authorized as the Gender Budgeting Cell and is presently looking after overall welfare of women employees within the organization.

(ii) Training and Development

In the FY 2010 (upto December, 2010), 266 women employees participated in in-house training

programmes conducted for senior, middle management, junior and staff levels which comprised of training in Change Management, Leadership and Execution, Negotiation and Communication skills, Stress Management, Creativity and Innovation, Coaching Skills, Risk Management, Grooming for Role Transition, Fostering Teamwork etc. Two Women Development Programmes each covering 20 employees were conducted exclusively for women employees during the year. In addition to the above, 26 women employees were nominated for external training programmes conducted by other institutions during the year.

(Hi) Number Of Women Employees

Women employees comprise about 11% of the total employee strength of the Company.

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Apr'10 - Dec'10 Provisional	2011-12 Projected	Remarks
1	2	3	4	5	6	7	8	9
1.	Sales	Rs./cr.	1994	2250	2600	1877	3400	
2.	Cost of Sales	Rs./cr.	1517	1795	2024	1438	2905	
3.	Cost of Sales as % of sales	%	76%	80%	78%	77%	85%	
4.	Total cost of Production	Rs./cr.	—	—	—	—	—	
5.	Total sale value of Production	Rs./cr.	—	—	—	—	—	
6.	Total Cost of Production as % of Total value of Production	%	—	—	—	—	—	
7.	Value Added	Rs./cr.	1137	1152	1286	959	1278	
7A	Value Added per Employee	Rs./cr.	0.36	0.33	0.38	0.29	0.36	Turover Less: subcontract construction on a trial out sourcing R & D consumables.
8.	Ratio of Net Profit After Tax To Net Worth	%	39%	30%	33%	24%	25%	

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Apr'10 - Dec'10 Provisional	2011-12 Projected	Remarks
1	2	3	4	5	6	7	8	9
9.	Ratio of Gross Margin (Profit Before Tax + Dep. to Capital Employed)	%	60%	48%	51%	37%	39%	
10.	Productivity :							
	a) Input Output Ratio				Not Applicable			
	b) Cost of input per emp.							
	c) Value of output per emp.							
11.	Total Salary Paid :	Rs./Cr.	487	465	483	360	538	
12.	Utilities :							
	a) Electricity							
	b) Fuel				Not Applicable			
	c) Other Items							
	d) Total							
13.	a) Total Fixed Costs							
	b) Total Variable Costs							
14.	Maintenance and Repairs	Rs./ Cr.	15	22	23	14	25.5	

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Apr'10 - Dec'10 Provisional	2011-12 Projected	Remarks
1	2	3	4	5	6	7	8	9
15.	Expenditure on Travelling	Rs./ Cr.	47	58	55	39	59	
16.	Expenditure on Entertainment	Rs./ Cr.	2	3	3	1	3	
17.	Total Overtime as % of wage Bill	%	0.50%	0.54%	0.53%	0.61%	0.27%	
18.	Contribution to Central Govt. Exchequer	Rs./ Cr.						
a)	Cess on crude oil		-	-	-	-	-	
b)	Royalty		-	-	-	-	-	
c)	Dividend **		538	617	115	--	103	*for the respective Financial year*
d)	Tax on (C) above		101	115	24	--	21	*for the respective financial year*
e)	Sales Tax		-	-	-	-	-	
f)	Excise Duty		-	-	-	-	-	
g)	Custom Duty (Cash Basis)		0.23	--	--	0.05	--	
h)	Service Tax (Cash Basis)		129	--	--	86	--	
i)	Others (Corporate Tax)		225	190	205	152	213	*Provision for Tax including deffered Tax*

** Outflow for 1000% dividend have been taken into consideration.

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Apr'10 - Dec'10 Provisional	2011-12 Projected	Remarks
1	2	3	4	5	6	7	8	9
19.	Contribution to State Govt. :	Rs./Cr.						
a)	Sales Tax (HVAT)		5.15	-	-	0.89	-	
b)	Others		-	-	-	-	-	
20.	Closing Number of Employees on Roll as on :	Nos.	3300	3725	3452	3411	3725	
	Contract Employees	Nos.	1	3	1	1	1	
21.	Total Gross Internal Resources Generated	Rs./ Cr.	314	-409	322	367	294	*Retained profit + Deprecation*
22.	Net Internal Resources Available for plan	Rs./ Cr.	EIL has been exempted from formulation of Plan outlays by Planning Commission under XIth five year plan.					
23.	Approved Plan Outlay/proposed Target	Rs./Cr.						
24.	Actual Plan Expenditure	Rs./ Cr.	-	-	-	-	-	
25.	Reasons For Short Fall in plan Expenditure Compared to approved outlay	Rs. Cr.	-	-	-	-	-	

** Outflow for 1000% dividend have been taken into consideration

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Apr'10 - Dec'10 Provisional	2011-12 Projected	Remarks
1	2	3	4	5	6	7	8	9
26.	Foreign Exchange							
A.	Budget Allotment							
a)	Subcontract/Material	Rs./	-	-	-	-	-	
b)	Technical know-how	Cr.	-	-	-	-	-	
c)	Others (Royalty, Foreign Travel, Books, Travelling Transfer of funds etc.)		-	-	-	-	-	
	Total		-	-	-	-	-	
26.	Foreign Exchange	Rs./						
B.	Utilization (Actual Release)	Cr.						
a)	Subcontract/Material		140	-	-	11	-	
b)	Technical Know-how		27	-	-	6	-	
c)	Others (Royalty, Foreign Travel, Books, Travelling Transfer of funds etc.)		13	-	-	5	-	
	Total		179	-	-	22	-	
26.	Foreign Exchange							
C.	Actual Payment	Rs./						
a)	Subcontract/Material	Cr.	140	-	-	11	-	
b)	Technical Know-How		27	-	-	6	-	
c)	Others (Royalty, Foreign Travel, Books, Travelling Transfer of Funds Etc.		13	-	-	5	-	
	Total		179	-	-	22	-	

ANNEXURE-A

ENGINEERS INDIA LIMITED
FINANCIAL EFFICIENCY PARAMETERS

(Rs. in crores)

Sl. No.	Item	Unit	2009-10 (Actuals)	2010-11 BE	2010-11 RE	2010-11 Apr'10 - Dec'10 Provisional	2011-12 Projected	Remarks
1	2	3	4	5	6	7	8	9
27.	Profit Before Tax (After Interest Depreciation)	Rs./ Cr.	660	560	709	536	640	
28.	Tax Provision	Rs./Cr.	225	190	235	179	213	
29.	Profit After Tax	Rs./Cr.	436	370	473	357	427	
30.	Total Value of Imports		-	-	-	-	-	
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 (OIDB)

Objectives of the Board

The Oil Industry Development Board was set up in January, 1975 under the Oil Industry (Development) Act, 1974 to provide financial assistance for development of Oil Industry. The financial assistance is extended by way of loans and grants for activities such as prospecting for and exploration of crude oil, projects providing pollution free environment, refining & marketing of petroleum and petroleum products, conservation for greater economy of hydrocarbons and research & development programmes for sustainable development of oil industry.

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 Rs.2500/- per tonne w.e.f. 1st March, 2006. Since inception and up to 31st March 2010, the Central Government has collected about Rs.88297 crore as cess. Out of this, OIDB has received an amount of Rs.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 Rs.9845 crore as on 31st March, 2010.

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, 2010 extended financial assistance of Rs.29688 crore as loan and Rs.1522 crore as grant to Oil companies and R&D institutions, including royalty payment of State Governments and other schemes approved by the Government/ OIDB. In addition, OIDB has, upto 31st December, 2010, invested Rs.832 crore (approx.) and Rs.17.58 crore in the equity share of Indian Strategic Petroleum Reserves Limited (ISPRL) (a wholly owned subsidiary of OIDB) and Biecco Lawrie Ltd respectively. The major 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, 2010, was about Rs.8855 crore.

Budget Outlays - Oil Industry Development Board

Rs. in crore

2009-10			2010-11		2011-12
BE	RE	Actual	BE	RE	BE
3319.98	3435.56	3435.56	2178.72	2270.58	2802.91

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 (Rs.9845 crore upto 31.03.2010). During the financial year 2010-11, OIDB disbursed loans to Oil PSUs amounting to Rs.902 crore upto 31.12.2010 at an interest rate ranging between 7.20% per annum to 7.79% per annum for a period of 5 years.

Profitability

During the financial year 2010-11, Oil Industry Development Board is expecting revenue generation of Rs.740 crore (provisional) and net profit of Rs.328 crore (provisional).

Rs./crore

	2009-10	2010-2011	2010-11	2011-12
	Actual	(1st April to 31st Dec.2010)	(Provisional)	Estimated
Revenue generation	732.39	532.51	740.00	740.00
Profit before tax	501.81	455.42	475.33	322.55
Profit after tax	347.21	314.70	328.45	222.88

15. OIL INDUSTRY SAFETY DIRECTORATE (OISD)

OISD develops safety standards for hydrocarbon industry to keep the industry abreast of the latest design and operating practices in the areas of safety and fire fighting in the developed countries. One new Standard, Complete review of 7 existing standards, Amendments in two standards were carried out by OISD and put up for Safety Council's approval in September 2009. These standards have been adopted in October, 2010 after review and vetting of chairman's committee formed by MOP&NG. As on date, OISD has issued 112 safety standards.

OISD conducts External Safety Audits (ESAs) periodically to check compliance with respect to implementation of safety standards. During the year 2010-11, ESA of one refinery was carried out and ESA of 3 refineries and 2 Gas Processing Plants has been planned. ESA of 3 marketing locations and surprise audit of 7 marketion installations i.e. POL terminal/ Depot, LPG plants, have been carried out and audit of another 10 installations has been planned. ESA of 55 on land E&P installations and 8 offshore E&P installations have been carried out. ESA of 333 kms of cross country pipelines have been carried out till date and another 1500 kms of pipelines has been planned. Additionally, Pre-commissioning Safety Audit of 15 new projects in refineries and 514 kms of Cross Country Pipeline have been carried out in line with approved methodology till date. In addition, Surprise Safety Audit of 4 refineries and 2 Gas Processing Plants have been planned to be completed in the period.

During 2011-12, it has been planned to carry out ESA of 4 Refineries, 2 Gas Processing Plant, 55 E&P onshore installations, 10 offshore installations and 1800 kms of cross country pipelines. In addition, surprise safety audit of 4 Refineries and 2 Gas Processing Plants have been planned during the period.

Safety performance evaluation for the year 2009-10 has been completed and the Oil Industry Safety Awards will be presented shortly. From the year 2008-09 the number of safety awards have been increased from nine (9) to nineteen (19) to include offshore safety in production platforms and drilling rigs in addition to increase the number of awards in refinery, GPP and pipeline categories.

OISD conducts regular Training Programs / Workshops covering entire oil industry to discuss latest developments, sharing of experiences etc. A national seminar on "Sustainability through Environment Management' was held Oct'09. Two days OISD-MMS workshop on "Offshore Safety" was conducted on 25-26 February, 2010. Two workshops have been planned to be conducted in the year 2011-12.

OISD investigates as well as participates in investigation of major incidents depending upon the severity / damage to analyse the cause etc. Four investigations have been carried out by OISD 2010-2011. A data bank of incidents is maintained and analysis reflecting statistical trends, areas of concern, major recommendations etc. is disseminated to industry through advisory notes, workshops, training program, etc. OISD has recently published a book on 'Analysis of Major Incidents in Oil & Gas Industry 2004-2009' which was released in the 27th Safety Council Meeting held on Sep'09.

BUDGET OUTLAYS

OISD is a grantee Organization of OIDB which is source of all fund requirements. During 2010-11, the actual expenditure upto December 2010 was Rs 790.48 Lacs and an amount of Rs 302.57 Lacs is expected to be incurred during January to March-2011. Revenue generation from sale of Standards, Pre-Commissioning audits and training programs is Rs 44.20 Lacs upto December, 2010 and an amount of Rs 25.02 Lacs is expected to be generated during January to March 2011. Hence, the net expenditure for the year 2010-11 will be around Rs 1039.08 Lacs against the budget amount of Rs 1086 Lacs. During the previous year 2009-10 actual expenditure was Rs 716.52 Lacs and revenue generation from sale of Standards , Pre–Commissioning audits and training programs was Rs 52.65 Lacs . Accordingly, the net expenditure during 2009-10 was Rs 663.87 Lacs against budget amount of Rs 877 Lacs. During 2011-12, a net expenditure of Rs 1015 Lacs is estimated after taking into account Rs 59 Lacs of income from sale of Standards, Pre–Commissioning audit and training programs. OISD being a grantee organization does not make any profit or loss. Further no separate expenses are incurred on gender budgeting.

16. PETROLEUM CONSERVATION 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) has, since inception in 1978, 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 are coupled with direct services leading to improvement in efficient Energy utilization across all major sectors of the economy. These services 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. Some of the activities undertaken/proposed to be undertaken by PCRA in order to improve awareness level about the importance and methods of energy conservation are as follows:-

- A novel method of reaching the youth of the country has been adopted where in games on Energy Conservation matters have been installed in Energy Parks in various parts of the country. PCRA has also initiated efforts for inclusion of text on energy efficiency in school books and youth in colleges and institutions are being sensitized to the criticality of oil dependence and relevance of energy conservation.
- Efforts leading to the development of Fuel Efficiency Norms and Star Labelling of appliances consuming petroleum fuels in different sectors are proposed to be pursued jointly with the BEE (Bureau of Energy Efficiency). Action for initiating similar efforts for other equipments and devices consuming Petroleum fuels viz gas stoves, generators etc for domestic sector would be jointly initiated with BEE.
- PCRA conducts a variety of integrated energy management programmes for State Transport Undertakings, private fleet operators, organizations in private and public sectors, defence and paramilitary to promote efficient use of petrol, diesel, lubricants through better maintenance practices, better driving habits,model depot studies, emission awareness programme, exhibitions, workshops and clinics.
- The All India Campaign “Save OIL Yaani Save Money” has been continued in 2010-11.
- PCRA sponsors appropriate R&D projects aimed at optimum utilization of energy and reduction in pollution in different sectors of economy and also helps in adoption and dissemination of successful R&D outcomes.

- A study leading to Conservation of Energy is presently ongoing in a few Energy Intensive SME Clusters which includes preliminary and detailed Energy Audit in Units, identification of energy saving options, preparation of Detailed Project Reports (DPRs) and implementation of energy conservation options.
- Celebration of Oil and Gas Conservation fortnight across the country in close association with Oil and Gas Marketing Companies.
- Various competitions for the youth like the national level essay competition and national level painting competition would be continued in a manner, which would attract higher participation.

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

Rs./Crores

2009-10			2010-11			2011-12
BE	RE	Actual	BE	RE	Actual (April,'10 to 6 Dec. '10)	BE
2840	2769.99	2769.98	2900	2900	1610.60	3050

Freight Subsidy (For Far Flung Areas) Scheme 2002

Rs./Crores

2009-10			2010-11			2011-12
BE	RE	Actual	BE	RE	Actual (April,'10 to 6 Dec. '10)	BE
26	24	21.95	25	25	12.48	26

18. DIRECTORATE GENERAL OF HYDROCARBONS (DGH)

The Directorate General of Hydrocarbons (DGH) was established under the administrative control of Ministry of Petroleum & 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 during 2010-11 (till December 2010) are as under :

NEW EXPLORATION LICENSING POLICY (NELP):

The New Exploration Licensing Policy (NELP) is a major policy framework within which the Government tries to invite investment in the critical sector for exploration of oil and gas in the country. It provides one of the best international standard of fiscal and contractual framework for exploration and production of hydrocarbons. The Government has signed 235 Production Sharing Contracts (PSCs) under the eight rounds of NELP held so far.

NELP-VIII

The eighth round of New Exploration Licensing Policy (NELP-VIII) was launched on 9th April, 2009, which offered 70 blocks covering a sedimentary area of about 1.64 Lakh Sq. Km. The offered blocks included - 24 deepwater blocks, 28 shallow water blocks and 18 onland blocks. A total of 76 bids were received from National Oil Companies (NOCs) and Private/Foreign companies for 36 exploration blocks (8 deepwater blocks; 13 shallow water blocks and 15 onland blocks). No bid was received for 34 exploration blocks comprising 16 deepwater (4 in Kerala-Konkan basin and 12 in Andaman Basin), 15 shallow water (7 in Kerala-Konkan basin, 4 in Mumbai basin, 3 in Bengal basin and 1 in Cauvery basin) and 3 onland blocks (2 in Bengal basin and 1 in Himalayan Foreland basin) . A total of 45 companies, including 7 Foreign Companies bid under NELP-VIII. 32 exploration blocks (8 deepwater blocks, 11 shallow water blocks and 13 onland blocks) have been signed and awarded to various companies. The estimated committed investment is to the tune of US $ 1.05 billion.

NELP-IX

The ninth round of New Exploration Licensing Policy (NELP-IX) was launched on 15th October, 2010 in New Delhi. A total of 34 blocks (8 deepwater blocks, 7 shallow water blocks and 19 onland blocks)

have been offered under NELP-IX covering an area of 88,807 Sq. Kms. The bid closing date is 18.03.2011 and the Government is committed to complete evaluation, award and signing of Production Sharing Contracts within a definite time frame.

COAL BED METHANE (CBM):

For exploration and production of CBM in the country, Government has so far awarded 33 CBM blocks under four rounds of CBM to National, Private and Joint Venture Companies. The total CBM resources in the 33 awarded blocks covering an area of around 17327 sq. kms. are estimated to be 1810 BCM and expected peak production from these blocks is estimated at 38 MMSCMD. The commercial production of CBM in the country has already commenced w.e.f. 14.07.2007. Current CBM production is around 0.10 MMSCMD. Two other blocks are currently under development phase.

MONITORING OF PRODUCTION SHARING CONTRACTS:

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 192 exploration blocks, 28 CBM blocks and 27 discovered fields are under operation. DGH monitors the execution of management of these Production Sharing Contracts on behalf of Government of India through Management Committees set up for each block / field. This involves in depth review of annual work programme, project monitoring (especially with regard to time and cost over run), calculation of reserves and production profile, making simulation model of the field, review and approval of development plan, budget etc. About US $ 23,997 Million investment has already been made by companies on Exploration & Production till October, 2010. During 2009-10, fields/blocks under PSC regime produced 5.26 MMT of oil and 21.98 BCM of natural gas, which is about 16% and 46% of country's oil and gas production respectively. In the FY 2010-11, uptill October, 2010, these fields/blocks under PSC regime have produced 6.14 MMT of oil and 18.35 BCM of natural gas.

MONITORING OF THE PETROLEUM EXPLORATION LICENSES HELD BY NOCs ON NOMINATION BASIS :

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 minimum committed work programme.

FIELD DEVELOPMENT, RESERVOIR AND PRODUCTION MONITORING :

DGH is monitoring the development activities of various fields under the Production Sharing Contracts such as Panna-Mukta, Ravva, Tapti, Laksmi, Gauri, Kharsang, PY-3, PY-1, Asjol, Bakrol, Indrora,

Lohar, Baola, Dholka, NS-A, N. Balol, D-6, MA, Mangala, Aishwariya, Rageshwari and Saraswati etc. Major activities carried out during this period pertaining to private sector fields are summarized below:

- Review of annual work programme and budget of all the producing fileds of JV and NELP blocks were examined for the current year, specific to reservoir studies, field development and reservoir management requirements.

- Development/appraisal plans for Ingoli, Tarapur#1(oil), D#45, 4 fields out of 9 satellite fields of KG-DWN-98/3, Kathalchari#1. Production Profiles were also generated for economic analysis for all the above mentioned fields.

- Development/infill drilling/appraisal locations for various fields/blocks were reviewed viz. KG-DWN-2003/1 (D#39 & D#41), SGL#3, 4 & 5, PD# 5 & NE of PY-3, 1 location in Ognaj, 3 ERD Development wells in Mid Tapti, 4 Development Wells in Lohar, RD#8 in Ravva, 1 in Dholasan, 1 in North Kathana, 2 in Allora and 3 in Kanwara were examined.

- Simulation study report of Panna, Water injection in Mangala field, CO2 injection in RJ-ON/6, NANG production in Dholka Field, GCA report on Mangla field, optimization of strategy in Bhagyam (PCP), DST report of KG#20SS, Production testing of LT#1, Review of Ingoli FDP, Water Injection in Dholka#18, Cost Estimates of Ratna & R-Series field, utilization of India resources for Laxmi and Gauri fields, EWT in Cambay RIL well, well test results of D#51, Water Injection Audit Report of Panna field, PVT & DST results of Nagayalanka#1z were examined.

- Performance review and reserves report of Panna, Mid and South Tapti, NSA Bheema and Hazira were examined.

- Commerciality Report for West Patan-3, UD-1, MN-OSN-2000/2, CB-05A, D#32, D#40, Ank#21, D#33, D#35, Sanand Part-A, SE#4, 8 & 10 (Sanand), North Discovery Area were examined. Production Profiles were also generated for economic analysis for all the above mentioned fields.

- Declaration of discovery/Potential Commercial Interest of D#46, Dhirubhai-44 (KGVDB3-R1), CB-05A, GSAH#5, Nagayalanka#1Z, D#51, Baola#8, Ank#40S, KG#20SS, Wamji#10, D#50, D#48, ENS#1, ENP#1, CB-10B-F1, Vadatal#1 were examined.

- Proposals of Work-over jobs for various fields/blocks were examined.

- Well-wise pressure production, injection data and monthly progress report for various fields such as RJ-ON-90/1, Ravva, PY-1, NSA, Bheema, Asjol, North Balol, CB-OS-2, Panna,

Mukta, Tapti, Amguri, RJ-ON-6, Dholka, Wavel, N.Kathana, Dholasan, Allora, Kanawara, Lakshmi, Gauri, Hazira, Cambay, Bhandut, Sabarmati, Bakrol, Indrora, Lohar, Karjisan, D-6 gas and MA oil were updated and monitored the reservoir performance.

- Production profiles have been generated for all the 34 blocks on offer for bid under NELP-IX.

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). A Global Tender has been floated on 13.11.09 to build, populate and operate a NDR in India. Five bids were received by bid closing date (02.03.2010) and after technical evaluation, three bids were technically acceptable. Proposal is under process for award of contract.

GAS HYDRATES:

DGH has done pioneering work for initiating gas hydrate exploration in the country. Reconnaissance surveys were carried out by DGH in the East Coast and Andaman Deepwater areas in 1997 which deciphered the most promising areas for Gas Hydrates. The surveys have indicated the presence of several Gas Hydrate leads/ prospects. The total prognosticated gas resource from the gas hydrates in the country is placed at 1894 TCM. Government of India formulated a National Gas Hydrate Programme (NGHP) in 1997 for exploration and development of gas hydrates resources of the country. DGH is actively involved in the programme.

BUDGET OUTLAY **(In Rs. Lakhs)**

2009-2010			2010-11			2011-12
BE	RE	Actual	BE	RE (Pro-posed)	Actual (April 10 Jan.'11)	BE (Prop-osed)
6401.00	6119.00	6005.55	6041.55	5849.55	2981.51	8957.00

Source of generation fo funds for the Budget : 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 improvement of the refineries. CHT acts as a focal point of oil industry for coordinating and funding of research work in refining and marketing areas, exchange of information and experience, co-ordinate and pursue the programmes of "Scientific Advisory Committee on Hydrocarbons" of MOP&NG.

Budget Outlays:

(Figures in Rs. Lakhs)

	2009-10			2010-11			2011-12
	BE	**RBE**	**Actual**	**BE**	**RBE**	**Actual Apr.-Nov. 2010**	**BE**
Revenue Expenditure	687.55	730.6	583.27	654.6	740.5	318.44	681.5
Capital Expenditure	8	13	7.11	7	8	1.18	7
Projects:							
(a) R&D Projects	136.99	500	151.6	269.99	548.35	20.52	130.18
(b) Special Studies	330	1325	--	--	300	00	200
Total	1162.54	2568.6	741.98	931.59	1596.85	340.14	1018.68

Source of generation of funds: Oil Industry Development Board (OIDB)

Major activities undertaken during 2009-10 and April-December 2010 are as under:

- **"Integrated Refinery Business Improvement Programme" by M/s Shell Global Solutions International (Shell GSI):**

  Integrated Refinery Business Improvement Programme (IRBIP) Phase-I being executed at the 4 refineries i.e. BPCL Kochi, IOC Mathura, CPCL Manali and HPCL Visakh, is at final stage of implementation. Of the four refineries, IRBIP has been successfully executed at BPCL Kochi and IOC Mathura refineries, while the same at CPCL Manali and HPCL Visakh would be completed by March,

2011. Cumulative net benefit of US $ 37.64 million have so far been realized by the four refineries. Action has also been initiated to undertake similar exercise at BPCL Mumbai, HPCL Mumbai and MRPL and the expected benefit is US $ 74.3 million per year.

- **International Conference - Refinery Technology Meet (RTM):**

Centre for High Technology organised 15th Refinery Technology Meet (RTM) during 5-7th November 2009 at Mahabalipuram. The theme of the MEET was "Harvesting Excellence through Knowledge Partnership – Challenges for the Hydrocarbon Sector"

- **Roadmap to reduce Pipelines Quality Giveaway:**

Based on the reports of the four Working Groups constituted by MoP&NG to prepare roadmap for reducing quality give away in pipelines, CHT prepared a consolidated report and submitted the same to MOP&NG with Road map and Recommendations in March 2009. In line with the recommendations, six Task Forces were constituted for time bound implementation of road map and recommendations, which is expected to have a positive impact on reduction of QGA.

- **Dissemination of knowledge and Information:**

With a view to keeping abreast with the latest developments / trends that are taking place worldwide in the field of Petroleum Refining, CHT organises seminars and workshops, publishes technical journals viz. **"Technology Scan"** and **CHT Bulletin** and held nine Activity Committee Meetings on various process areas.

- **Review of Auto Fuel Policy of Government:**

MOP&NG had constituted a three member Committee for reviewing the Auto Fuel Policy. The Committee submitted their interim report to MOP&NG in October 2008. Subsequently, the mandate of the Committee on Review of Auto Fuel Policy was expanded to include LPG / CNG / H2-CNG as an auto fuel in its final report.

- **Jawaharlal Nehru Centenary Awards for Energy Performance of Refineries for 2009-10, Oil & Gas Conservation Fortnight (OGCF) Awards 2010**

- **R&D Projects completed:**

1. Development of Process for Oxidative Desulphurisation of Diesel of IIP.
2. Development of Polymer Modified Bituminous Binder of IIP, CRRI and CPCL.
3. Catalyst Development for Isomerisation of C7+ Hydrocarbons in Industrial Feedstock of IIP.
4. Development of Solid Acid Catalyst for Alkylation of Isobutane with Alkenese to form Alkylates as Gasoline blend of IIP.
5. Add-on facilities for development of Trikle Bed Reactor Technology; Part-I: Large Scale Hydrodynamic studies for distributor and re-distributor/quench system for EIL (R&D), IOC (R&D) and IIT Delhi.