



R F D

(Results-Framework Document)
for

Ministry of Petroleum and Natural Gas
(2012-2013)

Section 1: Vision, Mission, Objectives and Functions

Vision

To address India's energy security needs in the hydrocarbons sector and to ensure availability of petroleum products at reasonable prices.

Mission

To accelerate domestic Exploration & Production (E&P) of hydrocarbons as well as equity oil & gas abroad. To develop the hydrocarbon sector through technology up-gradation and capacity building in production, refining, transportation and marketing sectors. To develop supply and distribution infrastructure for petroleum products, to serve the needs of the economy, including households. To enhance service standards and to maximize customer satisfaction. Promote fuel conservation, clean & green fuels and development of alternative sources of energy.

Objective

- 1 Increase in exploration coverage
- 2 New policy initiatives for E&P; sector
- 3 Domestic oil and gas production
- 4 Overseas oil and gas production
- 5 Making the sensitive petroleum products viz. Diesel, PDS Kerosene and Domestic LPG available at reasonable prices
- 6 Increasing Refinery capacity
- 7 Improvement of Refinery Performance
- 8 To encourage use of Natural Gas
- 9 Promoting cleaner and environment friendly fuels
- 10 Ensuring availability of petroleum products across the nation with respect to marketing and distribution
- 11 To promote fuel conservation
- 12 Research & Development

Functions

- 1 Exploration and production of petroleum resources including all forms of hydrocarbons in any state i.e. crude oil, natural gas, coal bed methane, gas from gas hydrates, shale gas etc.
- 2 Production, supply, distribution, marketing and pricing of petroleum products including natural gas.

Section 1: Vision, Mission, Objectives and Functions

- 3 Oil refineries, including Lube Plants, additives for petroleum and petroleum products.
- 4 Blending and blending prescription for bio- fuels including laying down the standards for such blending.
- 5 Marketing, distribution and retailing of bio-fuels and its blended products.
- 6 Conservation of petroleum products.
- 7 Planning, development, control and assistance to all industries dealt with by the Ministry.
- 8 Strengthening energy security by acquiring oil and gas equity abroad and participation in transnational oil & gas pipeline projects.
- 9 Supervision and monitoring of public sector undertakings (PSUs), all attached or subordinate offices, including Directorate General of Hydrocarbons (DGH), Oil Industry Development Board (OIDB), Petroleum Planning and Analysis Cell (PPAC), Centre for High Technology (CHT), Petroleum Conservation Research Association (PCRA), Oil Industry Safety Directorate (OISD) under MoP&NG.;
- 10 Planning, development and regulation of oilfields services.
- 11 Administration of various Acts on the subjects allocated to the Ministry and the Rules made there under: a. The Oilfields (Regulation and Development) Act, 1948 b. The Oil & Natural Gas Commission (Transfer of Undertakings and Repeal) Act, 1993. c. The Petroleum & Minerals Pipelines (Acquisition of Right of User in Land) Act, 1962. d. The ESSO (Acquisition of Undertakings in India) Act 1974. e. The Oil Industry (Development) Act, 1974. f. The Burmah- Shell (Acquisition of Undertakings in India)Act, 1976. g. The Caltex (Acquisition of Shares of Caltex Oil Refinery (India) Limited and of the Undertakings in India of the Caltex (India) Limited Act, 1977. h. The Petroleum Act, 1934 (30 of 1934) and the Rules made there under.
- 12 Creation and administration of strategic petroleum reserves through Indian Strategic Petroleum Reserve Limited (ISPRL).
- 13 Oversee the Petroleum & Natural Gas Regulatory Board (PNGRB) established under the Petroleum & Natural Gas Regulatory Act, 2006.

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[1] Increase in exploration coverage	20.00	[1.1] Exploration of Shale Gas areas	[1.1.1] No of basins for which study of Shale Gas areas has been completed.	Number	5.00	7	6	5	4	3
		[1.2] Exploration of Additional area of sedimentary basins	[1.2.1] 2D	LKM	4.00	12940	11000	9000	7000	5000
			[1.2.2] 3D	SKM	4.00	7410	6500	6000	5500	5000
		[1.3] Progress in exploration in NELP blocks	[1.3.1] Paper to be put up to COS for designating a framework for quicker statutory clearances and approvals for exploration in allotted NELP blocks.	Date	4.00	18/03/2013	21/03/2013	25/03/2013	27/03/2013	31/03/2013
		[1.4] Increase in exploration by PSUs in reserve accretion	[1.4.1] Reserve accretion in MMTOE	MMTOE	3.00	67.12	65.73	62.57	59.41	56.25
[2] New policy initiatives for E&P sector	6.00	[2.1] Exploration of Shale gas	[2.1.1] Finalisation of Policy framework for Shale Gas development.	Date	3.00	01/03/2013	10/03/2013	15/03/2013	20/03/2013	31/03/2013
		[2.2] Further action on exploitation of CBM with oil and gas.	[2.2.1] Finalisation of Policy for exploitation of CBM with oil and gas.	Date	1.00	15/12/2012	31/12/2012	15/01/2013	31/01/2013	10/02/2013
		[2.3] Percentage of coal bearing areas to be offered for exploration	[2.3.1] Percentage of coal bearing areas to be offered for	%	2.00	70.8	65.8	60.8	55.8	50.8

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Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		and production of CBM	exploration and production of CBM							
[3] Domestic oil and gas production	5.00	[3.1] Oil production (Public sector)	[3.1.1] Oil production (Public sector)	MMT	2.50	31.49	29.00	27.49	26.00	25.00
		[3.2] Gas production (Public sector)	[3.2.1] Gas production (Public sector)	BCM	2.50	28.47	26.47	25.00	24.00	23.00
[4] Overseas oil and gas production	6.00	[4.1] Overseas oil and gas production	[4.1.1] Overseas oil and gas production	MMTOE	6.00	6.8	6.5	6.2	6.0	5.8
[5] Making the sensitive petroleum products viz. Diesel, PDS Kerosene and Domestic LPG available at reasonable prices	2.00	[5.1] To modulate retail prices and also to ensure the financial health of the public sector oil marketing companies through compensation of price under-recoveries, if any	[5.1.1] Submission of a note to EGoM on international crude price situation and pricing of sensitive petroleum products.	Date	1.00	30/11/2012	31/12/2012	31/01/2013	28/02/2013	31/03/2013
		[5.2] Processing the claims for budgetary subsidy under the schemes on "PDS Kerosene and Domestic LPG Subsidy Scheme, 2002" and "Freight subsidy (For Far Flung Areas) Scheme, 2002"	[5.2.1] Percentage of budgetary allocation utilised	%	1.00	90	85	80	75	70
[6] Increasing Refinery capacity	2.00	[6.1] Monitoring physical progress of IOCL's Greenfield Paradeep refinery project	[6.1.1] Achievements of 85% of overall progress	Date	2.00	01/02/2013	15/02/2013	28/02/2013	15/03/2013	31/03/2013
[7] Improvement of Refinery Performance	3.00	[7.1] Finalisation and approval of project for implementation (PFI) in respect of 3	[7.1.1] Approval to be obtained for all PFIs based on assessment of	Date	1.00	31/12/2012	31/01/2013	28/02/2013	15/03/2013	31/03/2013

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Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		refineries: i) HPCL, Mumbai ii)BPCL, Mumbai iii) MRPL, Mangalore	IRBIP Phase II recommendations							
		[7.2] Improvement of performance parameters i. Crude throughput-MMT ii .Distillate yield-percentage iii. Specific energy consumption- Mbtu/Bbl/NRGF	[7.2.1] Crude throughput of PSU Refineries	MMT	1.00	120	118	115	114	113
			[7.2.2] Average Distillate yield of PSU Refineries	%	0.50	76.0	75.5	75.0	74.5	74.0
			[7.2.3] Average specific energy consumption for PSU refineries	MBTU/B BL/NRG F	0.50	64	65	66	67	68
[8] To encourage use of Natural Gas	10.00	[8.1] Increase in cumulative capacity of Gas pipelines in the country.	[8.1.1] Expansion and upgradation of the existing pipelines and laying of new pipelines	MMSCM D	5.00	34	30	28	26	24
		[8.2] Increase in cumulative gas trunk transportation network in the country	[8.2.1] Laying of new trunk pipelines and expansion of existing trunk pipeline network	Km	5.00	700	600	500	400	300
[9] Promoting cleaner and environment friendly fuels	7.00	[9.1] Roll out BS IV MS & HSD in 10 more identified cities	[9.1.1] Availability of BS IV MS & HSD in 10 more identified cities	Number of cities	2.00	10	9	8	7	6

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[9.2] Preparation of Auto Fuel Policy, 2020	[9.2.1] Preparation of Draft Auto Fuel Policy,2020	Date	1.00	01/03/2013	15/03/2013	31/03/2013	--	--
		[9.3] Ethanol Blended Petrol Programme (EBP)	[9.3.1] Weighted average of ethanol blending in petrol over the country considering the prevailing scenario of limited Ethanol availability	%	2.00	1.70	1.60	1.50	1.40	1.30
		[9.4] Demonstration project on use of Hydrogen CNG blends in Automotive Vehicles	[9.4.1] Completion of Project and finalization of report by IOC(R&D)	Date	2.00	01/03/2013	10/03/2013	20/03/2013	30/03/2013	31/03/2013
[10] Ensuring availability of petroleum products across the nation with respect to marketing and distribution	13.00	[10.1] Ensure availability of petroleum products, i.e. petrol, diesel and LPG	[10.1.1] Quantity of petrol made available	MMT	3.30	15.5	15.19	14.59	14.30	14.01
			[10.1.2] Quantity of Diesel made available	MMT	3.30	66.59	65.23	62.65	61.39	60.16
			[10.1.3] Quantity of LPG made available	MMT	3.30	16.8	16.46	15.81	15.50	15.19
		[10.2] Review requirement of PDS kerosene for States/ UTs in view of expansion of LPG	[10.2.1] Implementation of Strategy on rationalization of PDS Kerosene allocation to States	Date	1.60	30/11/2012	31/12/2012	31/01/2013	28/02/2013	31/03/2013
		[10.3] Expanding the network of domestic LPG to rural areas	[10.3.1] Issuance of Letter of Intent for Rajiv Gandhi Gramin	Number	1.50	900	800	700	600	500

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			LPG Vitran Yojana							
[11] To promote fuel conservation	6.00	[11.1] To evolve strategy for implementing a sustainable programme for fuel conservation	[11.1.1] To take up with BEE and other relevant agencies for energy labelling of LPG stoves.	Date	3.50	31/08/2012	30/09/2012	31/10/2012	30/11/2012	31/12/2012
			[11.1.2] To take up with BEE and other relevant agencies / stakeholders for energy labelling of DG sets and Agricultural Pump Sets	Date	1.50	30/09/2012	15/10/2012	31/10/2012	15/11/2012	30/11/2012
			[11.1.3] Mass awareness campaign for conservation of POL	Date	1.00	31/01/2013	15/02/2013	28/02/2013	15/03/2013	31/03/2013
[12] Research & Development	5.00	[12.1] Completion/Monitoring of R&D projects	[12.1.1] Development of a mathematical model and simulation package for gasification of a mixture of Indian Coal and Pet Coke (through BPCL R&D and IIT Madras)	Date	3.00	01/02/2013	15/02/2013	01/03/2013	15/03/2013	31/03/2013
		[12.2] Patents to be filed	[12.2.1] Patents to be filed by PSUs of MoP&NG	Number	2.00	12	11	10	9	8

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
* Efficient Functioning of the RFD System	3.00	Timely submission of Draft for Approval	On-time submission	Date	2.0	05/03/2012	06/03/2012	07/03/2012	08/03/2012	09/03/2012
		Timely submission of Results	On- time submission	Date	1.0	01/05/2012	03/05/2012	04/05/2012	05/05/2012	06/05/2012
* Administrative Reforms	6.00	Implement mitigating strategies for reducing potential risk of corruption	% of implementation	%	2.0	100	95	90	85	80
		Implement ISO 9001 as per the approved action plan	Area of operations covered	%	2.0	100	95	90	85	80
		Identify, design and implement major innovations	Implementation of identified innovations	Date	2.0	05/03/2013	06/03/2013	07/03/2013	08/03/2013	09/03/2013
* Improving Internal Efficiency / responsiveness / service delivery of Ministry / Department	4.00	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	2.0	100	95	90	85	80
			Independent Audit of implementation of public grievance redressal system	%	2.0	100	95	90	85	80
* Ensuring compliance to the Financial Accountability Framework	2.00	Timely submission of ATNs on Audit paras of C&AG	Percentage of ATNs submitted within due date (4 months) from date of presentation of Report to Parliament by CAG during the year.	%	0.5	100	90	80	70	60
		Timely submission of ATRs to the PAC Sectt. on PAC Reports.	Percentage of ATRS submitted within due date (6 months) from date of presentation of Report to Parliament by PAC during the year.	%	0.5	100	90	80	70	60

* Mandatory Objective(s)

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		Early disposal of pending ATNs on Audit Paras of C&AG Reports presented to Parliament before 31.3.2012.	Percentage of outstanding ATNs disposed off during the year.	%	0.5	100	90	80	70	60
		Early disposal of pending ATRs on PAC Reports presented to Parliament before 31.3.2012	Percentage of outstanding ATRs disposed off during the year.	%	0.5	100	90	80	70	60

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value	Actual Value	Target Value	Projected Value for	Projected Value for
				FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
[1] Increase in exploration coverage	[1.1] Exploration of Shale Gas areas	[1.1.1] No of basins for which study of Shale Gas areas has been completed.	Number	--	--	6	--	--
	[1.2] Exploration of Additional area of sedimentary basins	[1.2.1] 2D	LKM	--	--	11000	--	--
		[1.2.2] 3D	SKM	--	--	6500	--	--
	[1.3] Progress in exploration in NELP blocks	[1.3.1] Paper to be put up to COS for designating a framework for quicker statutory clearances and approvals for exploration in allotted NELP blocks.	Date	--	--	21/03/2013	--	--
	[1.4] Increase in exploration by PSUs in reserve accretion	[1.4.1] Reserve accretion in MMTOE	MMTOE	--	--	65.73	--	--
[2] New policy initiatives for E&P sector	[2.1] Exploration of Shale gas	[2.1.1] Finalisation of Policy framework for Shale Gas development.	Date	--	--	10/03/2013	--	--
	[2.2] Further action on exploitation of CBM with oil and gas.	[2.2.1] Finalisation of Policy for exploitation of CBM with oil and gas.	Date	--	--	31/12/2012	--	--
	[2.3] Percentage of coal bearing areas to be offered for exploration and production of	[2.3.1] Percentage of coal bearing areas to be offered for exploration and	%	--	--	65.8	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
	CBM	production of CBM						
[3] Domestic oil and gas production	[3.1] Oil production (Public sector)	[3.1.1] Oil production (Public sector)	MMT	--	--	29.00	--	--
	[3.2] Gas production (Public sector)	[3.2.1] Gas production (Public sector)	BCM	--	--	26.47	--	--
[4] Overseas oil and gas production	[4.1] Overseas oil and gas production	[4.1.1] Overseas oil and gas production	MMTOE	--	--	6.5	--	--
[5] Making the sensitive petroleum products viz. Diesel, PDS Kerosene and Domestic LPG available at reasonable prices	[5.1] To modulate retail prices and also to ensure the financial health of the public sector oil marketing companies through compensation of price under-recoveries, if any	[5.1.1] Submission of a note to EGoM on international crude price situation and pricing of sensitive petroleum products.	Date	--	--	31/12/2012	--	--
	[5.2] Processing the claims for budgetary subsidy under the schemes on "PDS Kerosene and Domestic LPG Subsidy Scheme, 2002" and "Freight subsidy (For Far Flung Areas) Scheme, 2002"	[5.2.1] Percentage of budgetary allocation utilised	%	--	--	85	--	--
[6] Increasing Refinery capacity	[6.1] Monitoring physical progress of IOCL's Greenfield Paradeep refinery project	[6.1.1] Achievements of 85% of overall progress	Date	--	--	15/02/2013	--	--
[7] Improvement of Refinery Performance	[7.1] Finalisation and approval of project for implementation (PFI) in respect of 3	[7.1.1] Approval to be obtained for all PFIs based on assessment of IRBIP	Date	--	--	31/01/2013	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
	refineries: i) HPCL, Mumbai ii)BPCL, Mumbai iii) MRPL, Mangalore	Phase II recommendations						
	[7.2] Improvement of performance parameters i. Crude throughput-MMT ii .Distillate yield- percentage iii. Specific energy consumption- Mbtu/Bbl/NRGF	[7.2.1] Crude throughput of PSU Refineries	MMT	--	--	118	--	--
		[7.2.2] Average Distillate yield of PSU Refineries	%	--	--	75.5	--	--
		[7.2.3] Average specific energy consumption for PSU refineries	MBTU/BB L/NRGF	--	--	65	--	--
[8] To encourage use of Natural Gas	[8.1] Increase in cumulative capacity of Gas pipelines in the country.	[8.1.1] Expansion and upgradation of the existing pipelines and laying of new pipelines	MMSCMD	--	--	30	--	--
	[8.2] Increase in cumulative gas trunk transportation network in the country	[8.2.1] Laying of new trunk pipelines and expansion of existing trunk pipeline network	Km	--	--	600	--	--
[9] Promoting cleaner and environment friendly fuels	[9.1] Roll out BS IV MS & HSD in 10 more identified cities	[9.1.1] Availability of BS IV MS & HSD in 10 more identified cities	Number of cities	--	--	9	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
	[9.2] Preparation of Auto Fuel Policy, 2020	[9.2.1] Preparation of Draft Auto Fuel Policy,2020	Date	--	--	15/03/2013	--	--
	[9.3] Ethanol Blended Petrol Programme (EBP)	[9.3.1] Weighted average of ethanol blending in petrol over the country considering the prevailing scenario of limited Ethanol availability	%	--	--	1.60	--	--
	[9.4] Demonstration project on use of Hydrogen CNG blends in Automotive Vehicles	[9.4.1] Completion of Project and finalization of report by IOC(R&D)	Date	--	--	10/03/2013	--	--
[10] Ensuring availability of petroleum products across the nation with respect to marketing and distribution	[10.1]Ensure availability of petroleum products, i.e. petrol, diesel and LPG	[10.1.1] Quantity of petrol made available	MMT	--	--	15.19	--	--
		[10.1.2] Quantity of Diesel made available	MMT	--	--	65.23	--	--
		[10.1.3] Quantity of LPG made available	MMT	--	--	16.46	--	--
	[10.2]Review requirement of PDS kerosene for States/ UTs in view of expansion of LPG	[10.2.1] Implementation of Strategy on rationalization of PDS Kerosene allocation to States	Date	--	--	31/12/2012	--	--
	[10.3]Expanding the network of domestic LPG to rural areas	[10.3.1] Issuance of Letter of Intent for Rajiv Gandhi Gramin LPG Vitran Yojana	Number	--	--	800	--	--
[11] To promote fuel conservation	[11.1]To evolve strategy for implementing a	[11.1.1] To take up with BEE and other relevant	Date	--	--	30/09/2012	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value	Actual Value	Target Value	Projected Value for	Projected Value for
				FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
	sustainable programme for fuel conservation	agencies for energy labelling of LPG stoves.						
		[11.1.2] To take up with BEE and other relevant agencies / stakeholders for energy labelling of DG sets and Agricultural Pump Sets	Date	--	--	15/10/2012	--	--
		[11.1.3] Mass awareness campaign for conservation of POL	Date	--	--	15/02/2013	--	--
[12] Research & Development	[12.1]Completion/Monitoring of R&D projects	[12.1.1] Development of a mathematical model and simulation package for gasification of a mixture of Indian Coal and Pet Coke (through BPCL R&D and IIT Madras)	Date	--	--	15/02/2013	--	--
	[12.2]Patents to be filed	[12.2.1] Patents to be filed by PSUs of MoP&NG	Number	--	--	11	--	--
* Efficient Functioning of the RFD System	Timely submission of Draft for Approval	On-time submission	Date	05/03/2010	04/03/2011	06/03/2012	--	--
	Timely submission of Results	On- time submission	Date	27/04/2011	26/04/2012	03/05/2012	--	--

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value	Actual Value	Target Value	Projected Value for	Projected Value for
				FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
* Administrative Reforms	Implement mitigating strategies for reducing potential risk of corruption	% of implementation	%	--	--	95	--	--
	Implement ISO 9001 as per the approved action plan	Area of operations covered	%	--	--	95	--	--
	Identify, design and implement major innovations	Implementation of identified innovations	Date	--	--	06/03/2013	--	--
* Improving Internal Efficiency / responsiveness / service delivery of Ministry / Department	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	--	--	95	--	--
		Independent Audit of implementation of public grievance redressal system	%	--	--	95	--	--
* Ensuring compliance to the Financial Accountability Framework	Timely submission of ATNs on Audit paras of C&AG	Percentage of ATNs submitted within due date (4 months) from date of presentation of Report to Parliament by CAG during the year.	%	--	--	90	--	--
	Timely submission of ATRs to the PAC Sectt. on PAC Reports.	Percentage of ATRS submitted within due date (6 months) from date of presentation of Report to Parliament by PAC during the year.	%	--	--	90	--	--
	Early disposal of pending ATNs on Audit Paras of C&AG Reports presented to Parliament before	Percentage of outstanding ATNs disposed off during the year.	%	--	--	90	--	--

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
	31.3.2012.							
	Early disposal of pending ATRs on PAC Reports presented to Parliament before 31.3.2012	Percentage of outstanding ATRS disposed off during the year.	%	--	--	90	--	--

* Mandatory Objective(s)

Section 4: Acronym

Sl.No	Acronym	Description
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**Section 4:
Description and Definition of Success Indicators
and Proposed Measurement Methodology**

CBM	Coal Bed Methane
E&P	Exploration and Production
ECS	Empowered Committee of Secretaries
MMT	Million Metric Tonnes
BS-IV	Bharat Stage-IV
Rs.	Rupees
PDS	Public Distribution System
MMPA	Million Tonnes Per Annum
MMSCMD	Million Standard Cubic Meter Per Day
IRBIP	Integrated Refinery Business Improvement Programme
Km	Kilometer
LNG	Liquefied Natural Gas
MS	Motor Spirit
HSD	High Speed Diesel
LPG	Liquefied Petroleum Gas
OIL	Oil India Limited
PFI	Project for Implementation
RGGLVY	Rajiv Gandhi Gramin LPG Vitaran Yojana
DGH	Directorate General of Hydrocarbons
MoP&NG	Ministry of Petroleum & Natural Gas
ONGC	Oil & Natural Gas Corporation Limited
ROs	Retail Outlets
COS	Quarterly Performance Reviews
PSUs	Committee of Secretaries
BPCL	Bharat Petroleum Corporation Limited
RLNG	Re-gasified Liquefied Natural Gas
EGoM	Empowered Group of Ministers
HPCL	Hindustan Petroleum Corporation Limited
CCEA	Cabinet Committee on Economic Affairs
NOCs	National Oil Companies
PNG Rules	Petroleum & Natural Gas Rules, 1956
PLL	Petronet LNG Limited
HLPL	Hazira LNG Private Limited
GAIL	Gas Authority of India Limited
PPAC	Petroleum Planning and Analysis Cell
PCRA	Petroleum Conservation Research Association
LKM	Line Kilometer
SKM	Square Kilometer
MMTOE	Million metric tonne of oil equivalent
Mbtu/bbl/nrgf	MBTU/BBL/NRGF (MBN), where the term MBTU refers to total heat value of fuel and loss in

NELP	thousand BTU, BBL refers to barrel of crude
IOC	processed and NRGF is a derived factor that
R &D	depends upon actual intake in both primary and
2D	secondary processing units as per industry
3D	standard
BCM	New Exploration Licensing Policy
EBP	Indian Oil Corporation
BEE	Research &Development
IIT	Two Dimensional
	Three Dimensional
	Billion Cubic Meter
	Ethanol Blended Petrol
	Bureau of Energy Efficiency
	Indian Institute of Technology

Section 5: Specific Performance Requirements from other Departments

1. Ministry of External Affairs (MEA) and Ministry of Finance's (MOF) support and follow up is crucially required for oil diplomacy. Department of Public Enterprises, Ministry of Heavy Industries, Planning Commission, MEA and MOF support is required in ECS for acquisition of overseas assets.
2. State Government's proactive support is required for timely issue of Petroleum Exploration Licenses (PELs) and Petroleum Mining Leases (PMLs), notification for acquisition of land. Normally 60 days time is required for issue of PELs and PMLs from the date of submission of application and depositing requisite fees.
3. Timely clearance from Ministry of Environment and Forest to carry out Exploration and Production (E&P) operations.

Section 6: Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies)	Success Indicator	Unit	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
1 Exploration of Shale Gas areas.	DGH	No of basins for which study of Shale Gas areas has been completed	-					
		Area Explored	-					
2 Exploration of Additional area of sedimentary basins.	ONGC & OIL	2D	-					
		3D	-					
3 Progress in exploration in NELP blocks	DGH	TBD	-					
4 Exploitation of CBM with oil and gas	DGH	TBD	-					
		% of coal bearing areas offered for exploration and production of CBM	-					
5 Domestic oil and gas production	ONGC & OIL	Oil production (Public sector)	-					
		Gas production (Public sector)	-					
6 Overseas oil and gas production	OVL	Overseas oil and gas production	-					
7 Increase in Refining Capacity	Oil Refineries	Additional Capacity created	MTPA	26.9	8	19.2	5.3	21.7
8 Research and Development	IOCL (R&D)	No. of Patents filed	Number	12	15	12	12	12
9 Increase in gas transportation	Petroleum & Natural Gas Regulatory Board	Extension of upgradation of existing pipelines	Km	0	0	300	500	700

Section 6: Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies)	Success Indicator	Unit	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
capacity in the country								
		Laying of New Trunk Pipelines	Km	10600	10400	11800	12000	12200
10 Area with proven reserves for oil and Gas		PML area accretion	Sq. Km	37011	37291	37288	TBD	TBD
11 Enhanced Oil and Gas Security		%age of Crude Oil demand met from domestic sources	%	25.2	24.2	24.9	26.5	24.7
		Domestic Crude oil production.	MMT	37.6	38	41.3	45.57	43.76
		%age of Natural Gas demand met from domestic sources	%	48.48	41.03	TBD	TBD	TBD
		Domestic Natural Gas production	BCM	52.22	51.67	43.18	43.77	47.17
		Domestic Production of Oil (Private Sector)	MMT	9.68	10.69	12.12	11.51	12.70
		Domestic Production of Gas (Private Sector)	BCM	26.77	25.58	15.38	14.50	16.50
		The extent of diversification achieved in our import basket.(TBD)- %age of Low sulphur crude processed by refineries	%LS	34.8	31.8			
		The extent of diversification achieved in our import basket.(TBD)- High Sulphur crude processed by refineries	%HS	65.2	68.2			