

ANNUAL REPORT ON FUEL CONSUMPTION FOR DG POWER PLANTS (10 MW & ABOVE) IN THE COUNTRY

For the year of 2011-2012

S.No.	Name of Power Station	IC at the end of year (MW)	Located in the State	Owner	Gen. (MUs)	Primary Fuel	Alternate Fuel	Primary Fuel Consumed (KL)	Alternate Fuel Consumed (KL)	Gen. Loss due to short supply of Fuel as reported (MUs)	Remarks
STATE											
1	YELHANKA (DG)	127.92	KARNATAKA	KPCL	415.64	LSHS	HSD, LSFO	80581.95	8872.73	156.01	638.42 KL HSD is used as alternate fuel for starting and stopping engines 8234.31 KL LSFO consumed during the year as alternate fuel.
2	BRAMHAPURAM DG	106.60	KERALA	KSEB	56.99	LSHS	HSD	9288.81	3339.78	0.00	HSD is used only for starting the machine.
3	KOZHICODE DG	128.00	KERALA	KSEB	233.58	LSHS	HSD	50560.81	0.00	0.00	HSD not being used and no separate accounting.
	Sub Total (SR)	362.52			706.21			140431.57	12212.51	156.01	
4	AND. NICOBAR DG	12.50	ANDAMAN NICOBAR	A&N ADM	25.45	HSD	Heavy fuel	7305.47	0.00	0.00	
	Sub Total (ER)	12.50			25.45			7305.47	0.00	0.00	
5	LEIMAKHONG DG	36.00	MANIPUR	ED, Manipur	0.31	HFO	LDO/HSD	58.05	15.32	0.00	Alternate fuel used is HSD.
6	BAIRABI DG	22.92	MIZORAM	P&ED, Mizoram	0.00	FO(Low Viscosity)	HSD	3.10	7.45	10.00	Non availability of funds.
	Sub Total (NER)	58.92			0.31			61.15	22.77	10.00	
	Total ((SS))	433.94			731.97			147798.19	12235.28	166.01	
PVT IPP											
7	LVS POWER DG	36.80	ANDHRA PRADESH	LVS POWER	12.69	LSHS	NP	2741.86	0.00	0.00	
8	BELGAUM DG	81.30	KARNATAKA	TATA PCL	186.18	HFO	NP	44976.22	0.00	0.00	
9	BELLARY DG	25.20	KARNATAKA	BELLARY	29.24	HFO	HSD	7222.48	31.84	0.00	
10	KASARGODE DG	21.84	KERALA	RPG	10.16	LSHS	HFHSD	2318.17	144.56	0.00	
11	B. BRIDGE D.G	200.00	TAMIL NADU	VASAVI	857.86	LSHS	LSFO	182006.32	0.00	0.00	
12	SAMALPATTI DG	105.70	TAMIL NADU	SAMALPATI	292.41	LSHS	NP	63586.32	0.00	0.00	
13	SAMAYANALLUR DG	106.00	TAMIL NADU	MADURAI P	281.85	LSFO	LSHS	61570.09	0.00	0.00	Actual generation depends on demand instructions from TNEB.
	Sub Total (SR)	576.84			1670.39			364421.46	176.40	0.00	
14	BAMBOOFLAT DG	20.00	ANDAMAN NICOBAR	SUR.CH.PL	138.05	HSD	NP	34468.00	0.00	0.00	
	Sub Total (ER)	20.00			138.05			34468.00	0.00	0.00	
	Total ((PVT IPP S))	596.84			1808.44			398889.46	176.40	0.00	
	Grand Total	1030.78			2540.41			546687.65	12411.68	166.01	

KL - Kilo Litre

NP - No Provision

NA - Not Available

LSHS - Low Sulfer Heavy Stock

HSD - High Speed Diesel

LDO - Light Diesel Oil

FO - Furnance Oil

LSFO - Low Sulphur Furnance Oil

MUs - Million Units

HFHSD - Heavy Fuel High Speed Diesel

HFO - Heavy Furnance Oil

IC - Installed Capacity

Note: 1. 1 KL= 0.95 MT has been used for conversion of LSHS from Metric Tons (MT) to Kilo Litres (KL) in respect of LVS Power DG , B. Bridge DG, Bramhapuram DG, Kozhikode DG, Samalpatti DG, Kasargode DG and Yelhanka DG.
2. 1 KL= 0.90 MT has been used for conversion of FO/LSFO from Metric Tons (MT) to Kilo Litres (KL) in respect of Samayanallur DG.
3. 1 KL= 0.90 MT has been used for conversion of HFO from Metric Tons (MT) to Kilo Litres (KL) in respect of Bellary DG and Belgaum DG.