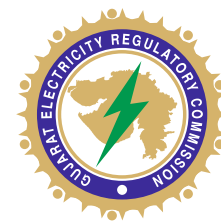


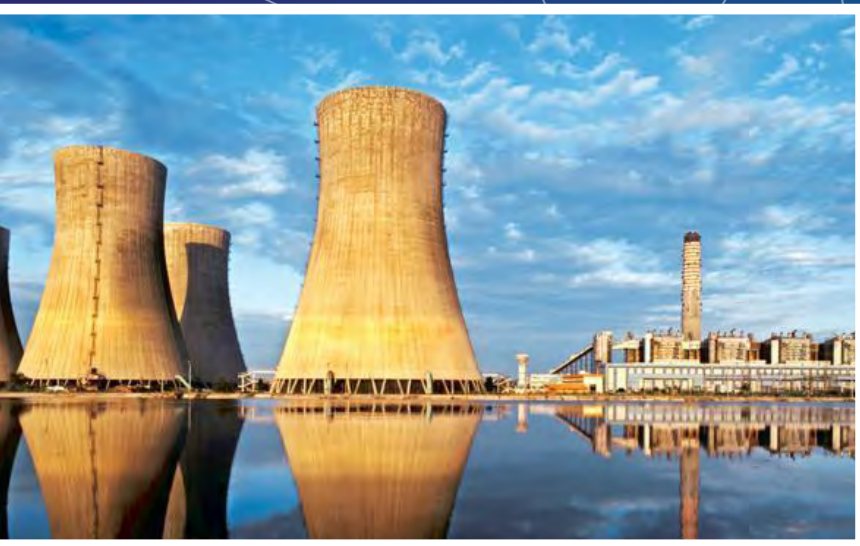
Gujarat Power Sector

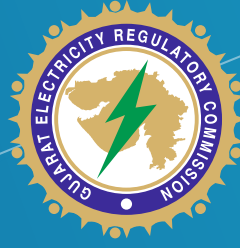
A Statistical Profile



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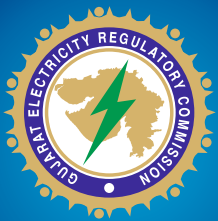




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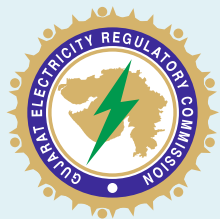
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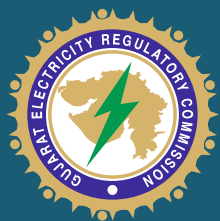
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GUJARAT ELECTRICITY REGULATORY COMMISSION





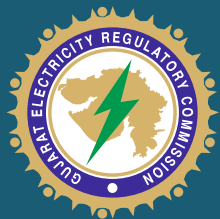
Abbreviations

AEC.	Ahmedabad Electricity Company	kV	Kilo Volt
APL	Adani Power Limited	kWh	Kilo Watt Hour
CGP	Commercial General Purpose	LT	Low Tension
Ckm.	Circuit Kilo meter	LTMD	Low Tension Maximum Demand
DGVCL	Dakshin Gujarat Vij Company Limited	LTP	Low Tension Power
DISCOM	Distribution Company	MGVCL	Madhya Gujarat Vij Company Limited
DoE	Diversion of Energy	MU	Million Units (Million kWh)
DTPS	Dhuvaran Thermal Power Station	MW	Mega Watt
EPGL	Essar Power Gujarat Limited	PGVCL	Paschim Gujarat Vij Company Limited
GERC	Gujarat Electricity Regulatory Commission	RGP	Residential General Purpose
GETCO	Gujarat Energy Transmission Corporation Limited	SLDC	State Load Despatch Centre
GIPCL	Gujarat Industries Power Co. Ltd.	SLPP	Surat Lignite Power Plant
GPEC	Gujarat Paguthan Energy Corporation	SSP-CHPH	Sardar Sarovar Project - Canal Head Power House
GSECL	Gujarat State Electricity Corporation Limited	SSP-RBPH	Sardar Sarovar Project - River Bed Power House
GSEG	Gujarat State Energy Generation Ltd.	STG	Steam Gas Turbine
GT	Gas Turbine	STPS	Sikka Thermal Power Station
GTPS	Gandhinagar Thermal Power Station	Th./TH	Thermal
GUVNL	Gujarat Urja Vikas Nigam Limited	TPL-A	Torrent Power Limited - Ahmedabad
HT	High Tension	TPL-S	Torrent Power Limited - Surat
HTMD	High Tension Maximum Demand	UGVCL	Uttar Gujarat Vij Company Limited
Hy. / HY	Hydro	UHPS	Ukai Hydro Power Station
IGP	Industrial General Purpose	UTPS	Ukai Thermal Power Station
KHPS	Kadana Hydro Power Station	WTPS	Wanakbori Thermal Power Station
VKLTPS	Kutch Lignite Thermal Power Station		



GUJARAT ELECTRICITY REGULATORY COMMISSION





Preface

We are pleased to put up this second edition of the publication "Gujarat Power Sector: A Statistical Profile". It provides statistical profile of the performance of the power utilities, both in public and private sectors, of Gujarat.

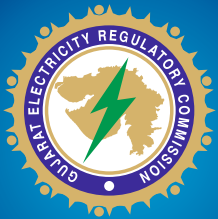
The first edition was published in the year 2012 contained the basic data for the year 2008-09 to 2011-12. This edition contains basic data on generation and transmission for a period 2013-14 to 2015-16 and distribution business for a period 2012-13 to 2014-15.

The details given in this compilation are based on publications of various government entities, annual reports of utilities and websites.

I am sure, the information will be useful to practitioners, policy makers and analysts, and people who are engaged and interested in power sector of Gujarat.

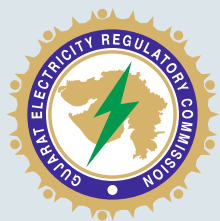
Anand Kumar
Chairman

Gujarat Electricity Regulatory Commission



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GUJARAT POWER SECTOR :

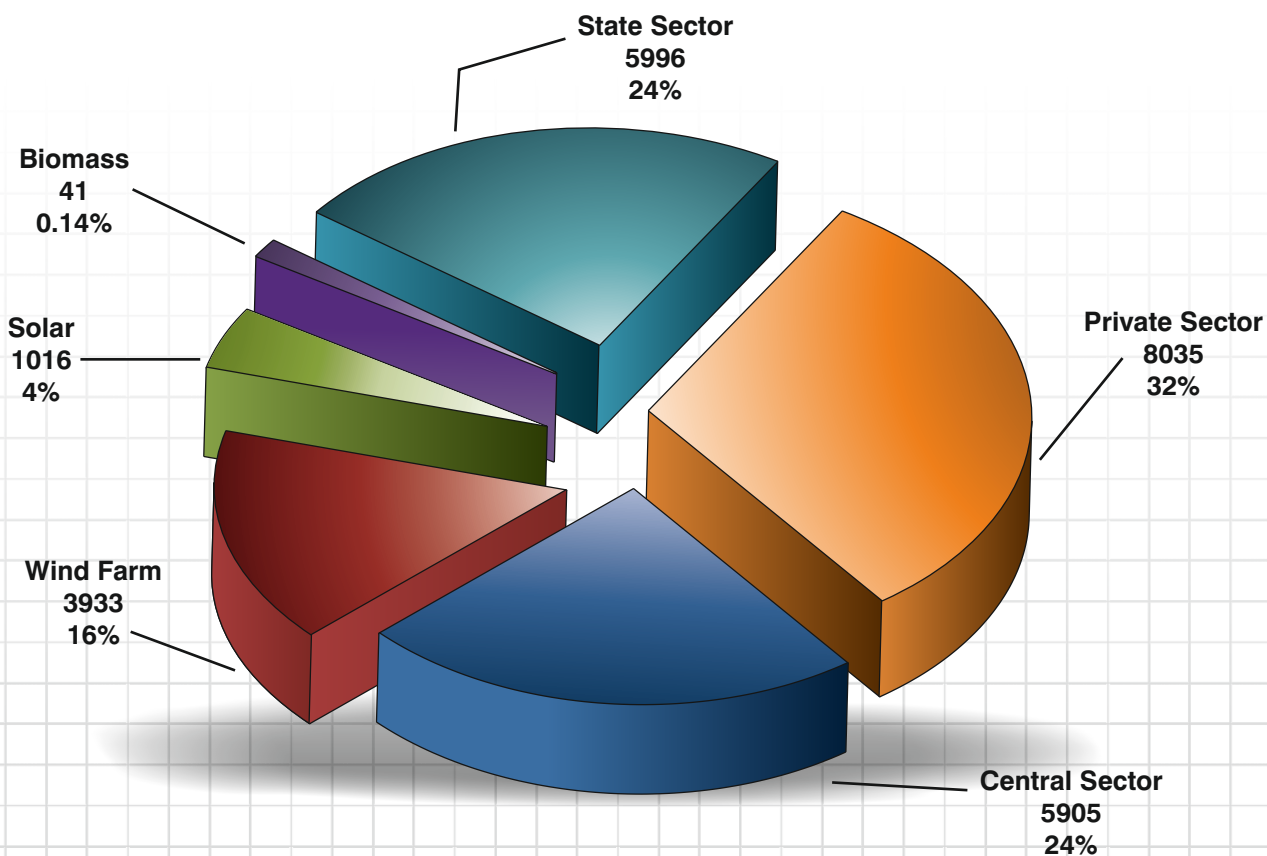
A Statistical Profile

Table 1: Installed Capacity - Sector wise

FY*	Unit	State Sector	Private Sector	Central Sector	Wind Farm	Solar	Biomass	Total	Growth %
2013-14	MW	5496	7431	5811	3352	861	31	22982	6.57
	%	24	32	25	15	4	0	100	
2014-15	MW	5496	8135	5811	3541	973	41	23997	4.42
	%	23	34	24	15	4	0	100	
2015-16	MW	5996	8035	5905	3933	1016	41	24925	3.87
	%	24	32	24	16	4	0	100	

* Details are as on 31st March of the respective financial year
Source: SLDC Report

Installed Capacity (in MW) for FY 2015-16- Sector wise





GUJARAT ELECTRICITY REGULATORY COMMISSION

Table 2: Installed Capacity - Fuel wise

FY*	Unit	Thermal	Gas	Hydro	Nuclear	Solar	Wind Farm	Biomass	Total
2013-14	MW	13188	4203	788	559	861	3352	31	22982
	%	57	18	3	2	4	15	0	100
2014-15	MW	13188	4906	788	559	973	3542	41	23997
	%	55	20	3	2	4	15	0	100
2015-16	MW	13782	4806	788	559	1016	3933	41	24925
	%	55	19	3	2	4	16	0	100

* Details are as on 31st March of the respective financial year
Source: SLDC Report

Installed Capacity (in MW) for FY 2015-16 - Fuel wise

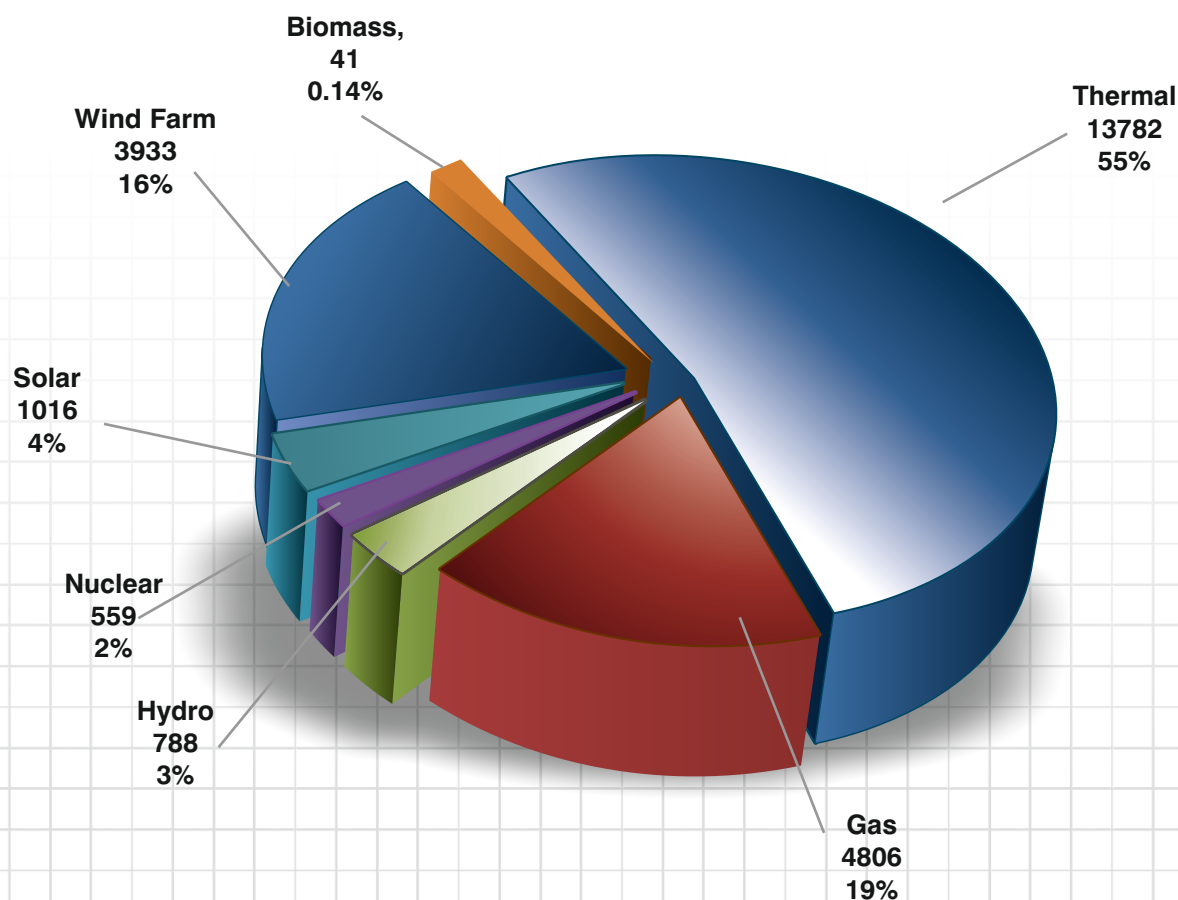


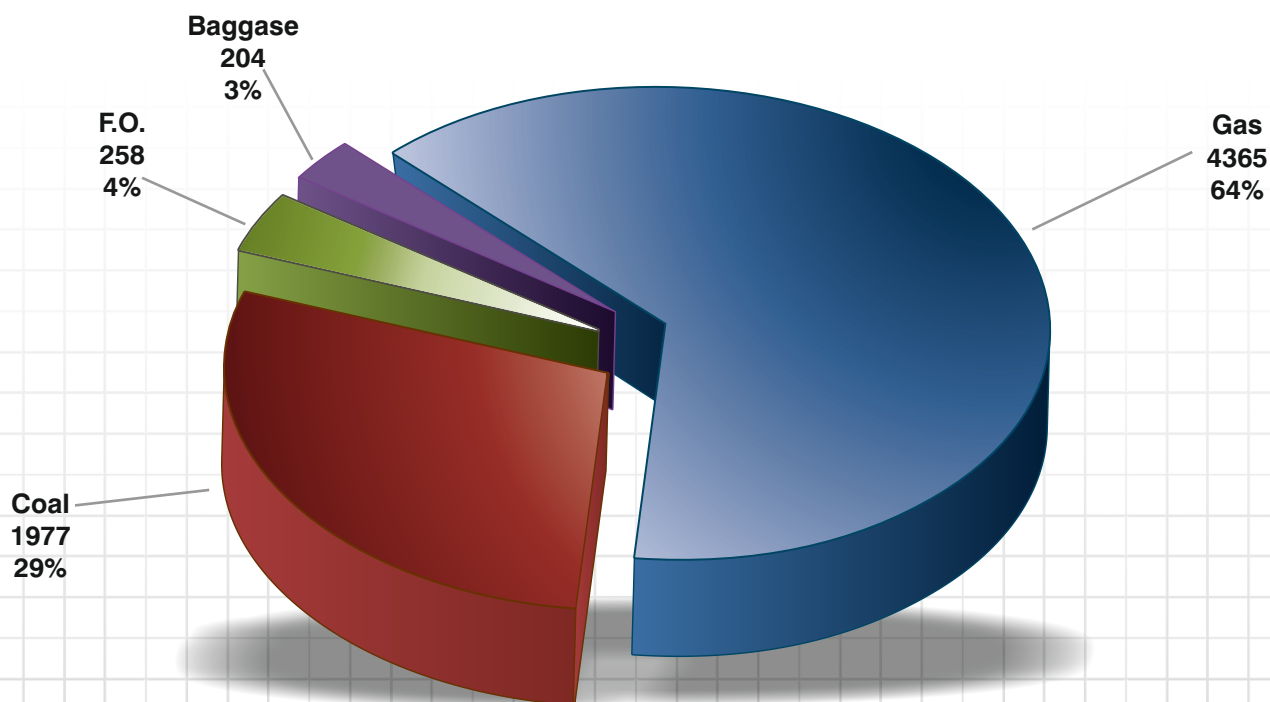


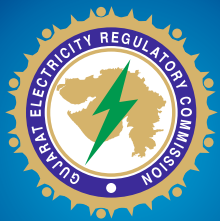
Table 3: Installed Capacity of Captive Power Plants - Fuel Wise

Type of Fuel	Total Capacity in MW(As on 12.04.2016)
Gas	4365
Coal	1977
F.O.	258
Bagasse	204
Total Generation	6804
Parallel with Grid (Coal + Gas)	4480
Isolation with Grid	2325

Source: CEI Report

Installed Capacity of Captive Power Plants (in MW) - Fuel Wise (as on 12.04.2016)





GUJARAT ELECTRICITY REGULATORY COMMISSION

**Table 4: Installed Capacity of Gujarat with Share from Private / Central Sector
(in MW) as on 31/03/2016**

	Units	Detail of Generating Units	Installed Capacity	Capacity Available for Gujarat including Central Sector	% Share of Gujarat
GSECL	DHUVARAN	GT (68+72) + STG (39+40)	219	219	-
	UKAI(TH)	TH (120x2 + 200x2 + 210+500)	1350	1350	-
	GANDHINAGAR	TH (120x2 + 210x3)	870	870	-
	WANAKBORI	TH (210x7)	1470	1470	-
	SIKKA	TH (120x2+250x2)	740	740	-
	PANANDHRO	TH (70x2 + 75x2)	290	290	-
	UTRAN-I	GT (30x3) + STG (45)	135	135	-
	UTRAN-II	GT (228.57) + STG (146)	375	375	-
	UKAI(Hy)	HY (75x4 + 2.5x2)	305	305	-
	KADANA(Hy)	HY (60x4 + 1x2)	242	242	-
	TOTAL		5996	5996	-
Pvt Sector	TP-AECO	TH (60+120+121x2)	422	422	-
	GIPCL-I	GT (32x3) + STG (49)	145	145	-
	GIPCL-II	GT (111) + STG (54)	165	165	-
	SLPP(GIPCL)	TH (125x4)	500	500	-
	GSEG	GT (52x2) + STG (52)	156	156	-
	GPEC	GT (138x3) + STG (241)	655	655	-
	ESSAR	GT (110x3) + STG (185)	515(300)	300	-
	EPGL	TH (600x2)	1200(1000)	1000	-
	AKRIMOTA	TH (125x2)	250	250	-
	SUGEN	GT (382.5x3)	1148	1148	-
	UNO SUGEN	GT (382.5)	383	383	-
	APL	TH (330x4 + 660x2)	2640(2000)	2000	-
	ACB Limited	TH (135x2)	270(200)	200	-
	GSPC Pipavav	TH (352x2)	703	703	-
	TOTAL		6518	8026	-



	Units	Detail of Generating Units	Installed Capacity	Capacity Available for Gujarat including Central Sector	% Share of Gujarat
CENTRAL SECTOR	KAKRAPAR	TH (220x2))	440(125)	125	-
	TARAPUR-I	TH (160x2)	320(160)	160	-
	TARAPUR-II	TH (540x2))	1080(274)	274	-
	KORBA	TH (200x3+500x3))	2100(360)	360	-
	KORBA-7	TH (500)	500(96)	96	-
	VSTPS-I	TH (210x7))	1260(230)	230	-
	VSTPS-II	TH (500x2)	100(239)	239	-
	VSTPS-III	TH (500x2)	1000(266)	266	-
	VSTPS-IV	TH (500x2)	1000(240)	240	-
	VSTPS-V	TH (500)		94	-
	JHANOR	GT(144x3+224)	657	237	-
	KAWAS	GT(106x4+116x2)	656(187)	187	-
	SIPAT-I	TH (660x3)	1980(540)	540	-
	SIPAT-II	TH (500x2)	1000(273)	273	-
	SSP-CHPH	TH(50x5)	250(40)	40	-
	SSP-RBPH	TH(200x6)	1200(192)	192	-
	Kahelgoan		1500(141)	141	-
	CGPL Mundra	TH(830x5)	4150(1971)	1971	-
	MSTPS-I	TH(500x2)	1000(240)	240	-
	ER			0	
	SR			0	-
	Total Central Sector	5905	5905		
	Total Gujarat		18419	19926	
	Wind Installed Capacity			3933	
	Solar Installed Capacity			1016	
	Biomass Installed Capacity			41	
	Total Gujarat with Renewables			24925	

Source: SLDC Report



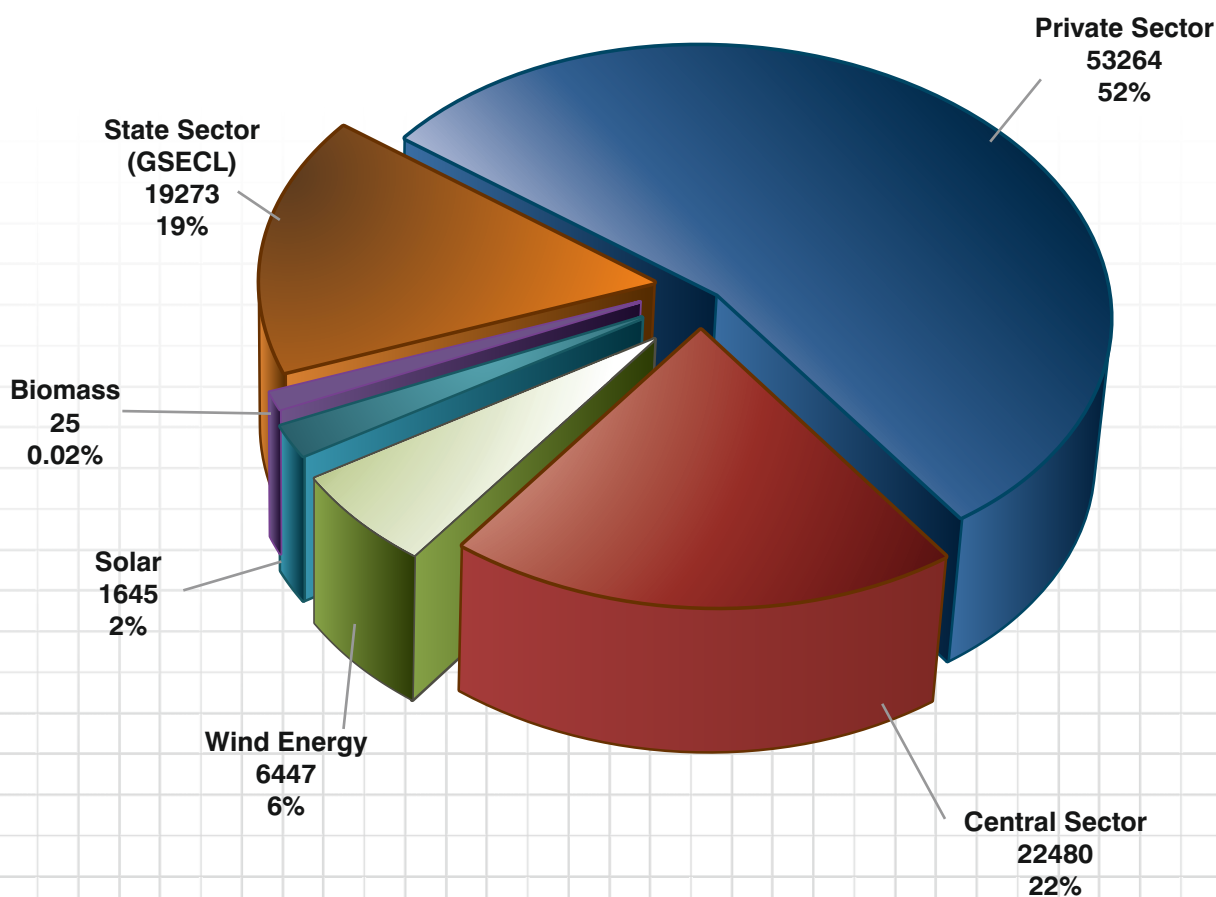
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Table 5: Energy Generation - Sector wise

FY	Unit	State Sector	Private Sector	Central Sector	Wind Energy	Solar	Biomass	Total Mus
2013-14	MUs	15850	46249	17440	5289	1369	24	86221
	%	18	54	20	6	2	0.03	100
2014-15	MUs	21415	48770	19276	5660	1475	40	96636
	%	22	50	20	6	2	0.04	100
2015-16	MUs	19273	53264	22480	6447	1645	25	103134
	%	19	52	22	6	2	0.02	100

Source: SLDC Report

Energy Generation (in MUs) for FY 2015-16 Sector wise



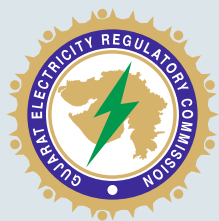
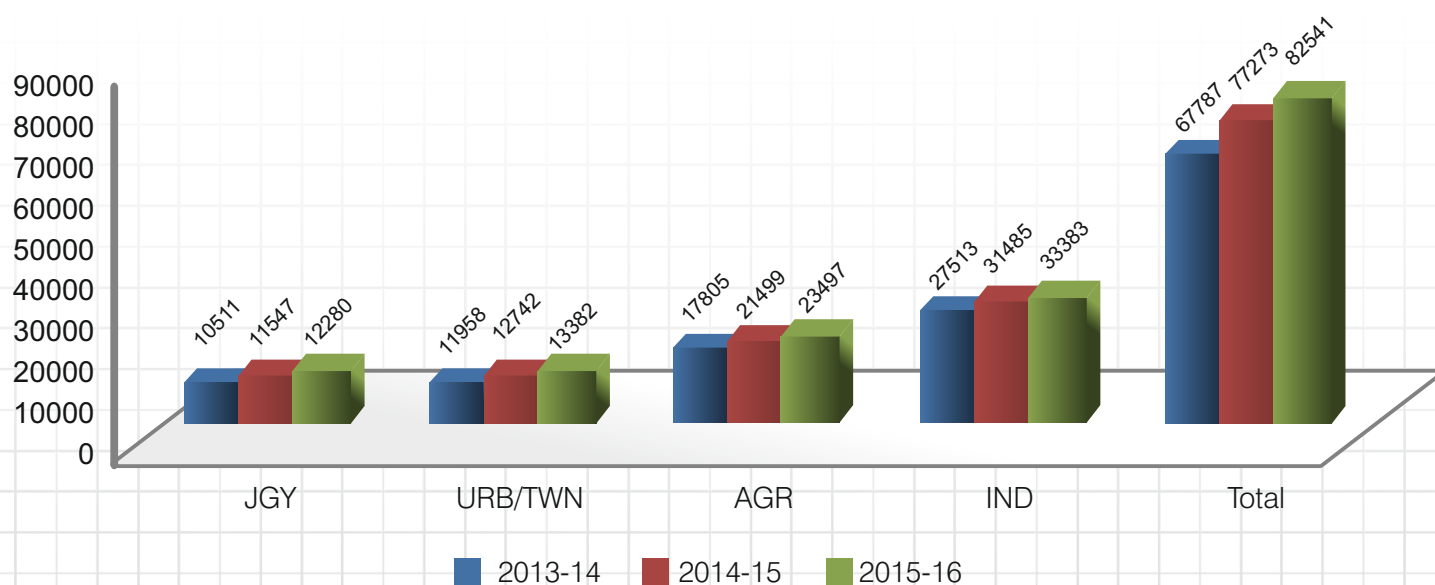


Table 6: Energy supplied by State Discoms i.e. PGVCL, UGVCL, MGVCL and DGVCL in MUs to different sector

FY	Unit	JGY	URB/TWN	AGR	IND	Total
2013-14	Mus	10511	11958	17805	27513	67787
	%	16	18	26	41	100
2014-15	Mus	11547	12742	21499	31485	77273
	%	15	16	28	41	100
2015-16	Mus	12280	13382	23497	33383	82541
	%	15	16	28	40	100

Source: SLDC Report

Category wise Energy Supplied in MUs





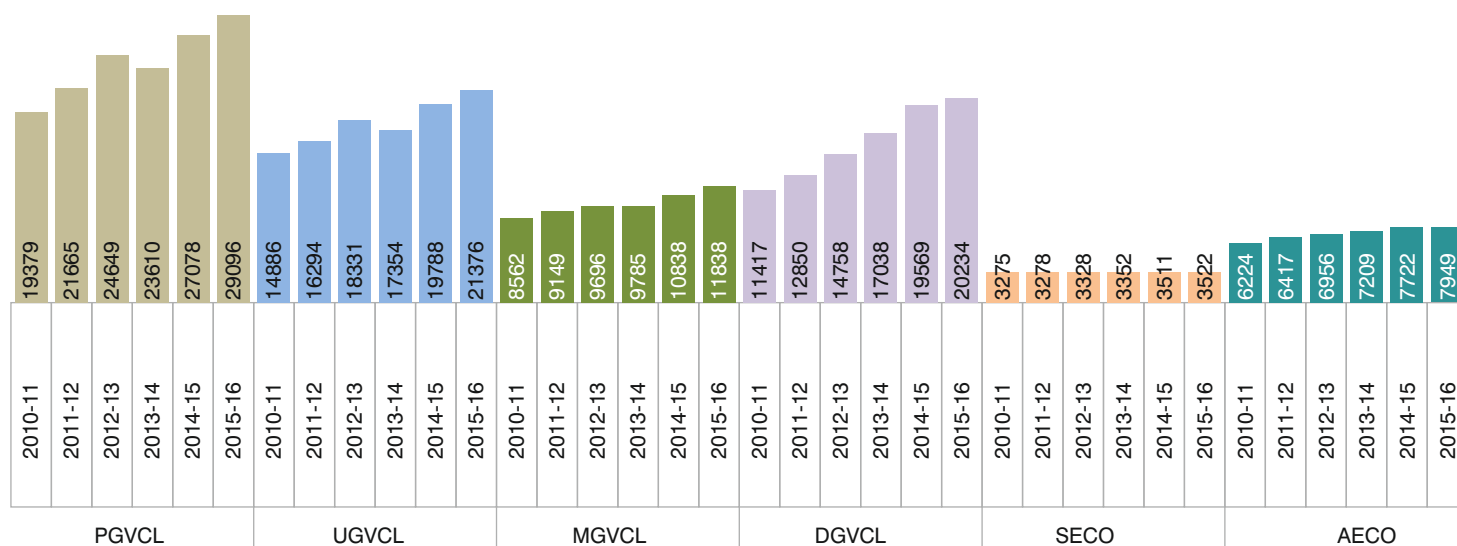
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Table 7: Discom wise energy supplied in Mus during last three years

MONTH	PGVCL			UGVCL			MGVCL			DGVCL			SE CO			AE CO		
	2013 -14	2014 -15	2015 -16	2013 -14	2014 -15	2015 -16	2013 -13	2014 -15	2015 -16	2013 -14	2014 -15	2015 -16	2013 -14	2014 -15	2015 -16	2013 -14	2014 -15	2015 -16
APR	2030	2296	2368	1642	1799	1842	843	947	996	1407	1595	1777	297	303	311	632	682	710
MAY	2039	2277	2326	1768	1824	1951	942	1002	1091	1491	1687	1871	304	320	322	727	777	816
JUN	1698	2281	2134	1330	1727	1613	788	963	965	1313	1622	1591	285	314	305	694	791	772
JUL	1582	2066	2240	1002	1422	1589	769	921	985	1407	1700	1728	302	324	309	652	749	747
AUG	1727	1906	2610	1013	1317	1426	773	890	1023	1450	1647	1704	292	308	310	629	693	693
SEP	2157	2094	2557	1389	1244	1810	823	869	1032	1410	1622	1671	290	312	312	660	668	687
OCT	1949	2756	2841	1124	1752	1873	834	981	1110	1481	1621	1851	317	281	354	656	649	730
NOV	2134	2545	2426	1458	1764	1710	773	907	932	1297	1614	1492	203	254	213	475	583	534
DEC	2177	2333	2410	1686	1807	1890	812	847	929	1443	1631	1564	264	269	255	511	524	529
JAN	2098	2155	2412	1685	1758	1922	771	809	889	1410	1587	1624	261	258	268	497	507	533
FEB	1860	2085	2266	1529	1639	1784	757	794	871	1358	1518	1582	248	273	266	477	489	536
MAR	2160	2283	2504	1727	1734	1966	900	910	1015	1572	1726	1779	289	296	308	599	611	661
Total	23610	27078	29096	17354	19788	21376	9785	10838	11838	17038	19569	20234	3352	3511	3532	7209	7722	7949

Source: SLDC Report

Discom wise energy supplied in Mus during last three years



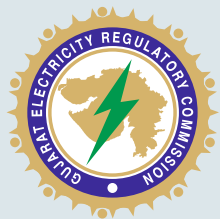


Table 8: Peak Demand

Demand	2013-14	2014-15	2015-16
Max Unrestricted Demand During the Year	12573	14010	15029
Max Catered During the Year	12577	14005	14982
Shortage (-) / Surplus(+)	4	-5	-47

Source: SLDC Report





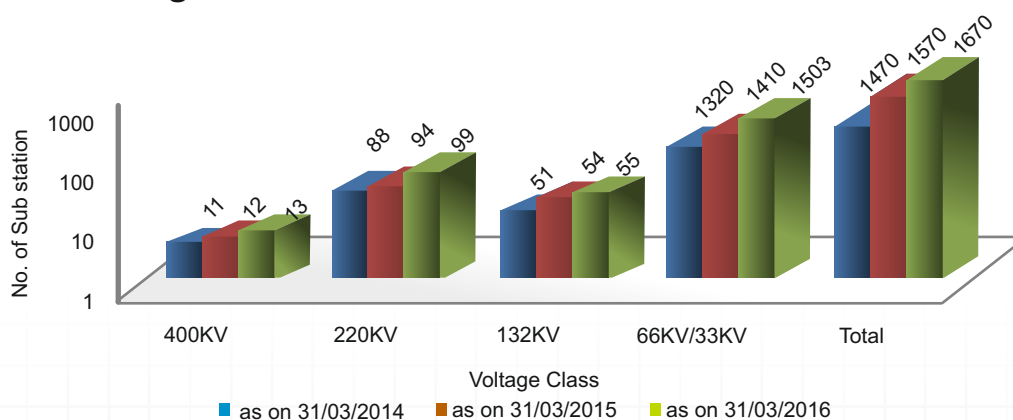
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Table 9: Voltage Class wise Sub-stations and Transmission Lines of GETCO

Voltage Class	As on 31/03/2014		As on 31/03/2015		As on 31/03/2016	
	No. of Sub stations	Line in Ckm.	No. of Sub stations	Line in Ckm.	No. of Sub stations	Line in Ckm.
400 KV	11	3906	12	4052	13	4301
220 KV	88	16276	94	16987	99	17847
132 KV	51	5003	54	5073	55	5333
66 KV/33 KV	1320	24946	1410	26431	1503	27987
Total	1470	50131	1570	52543	1670	55468

Source: GETCO Report

Voltage Class wise No. of Sub-stations of GETCO



Voltage Class wise Transmission Lines of GETCO

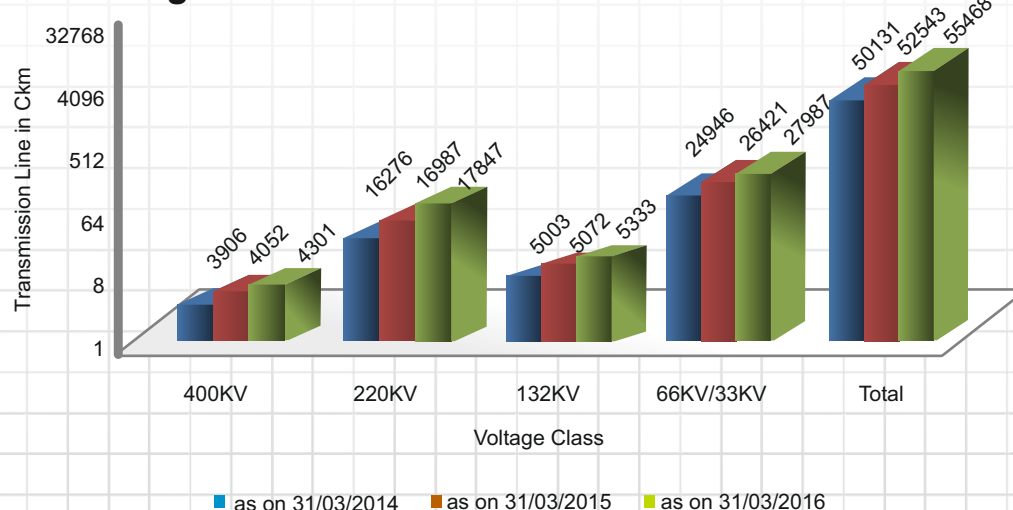


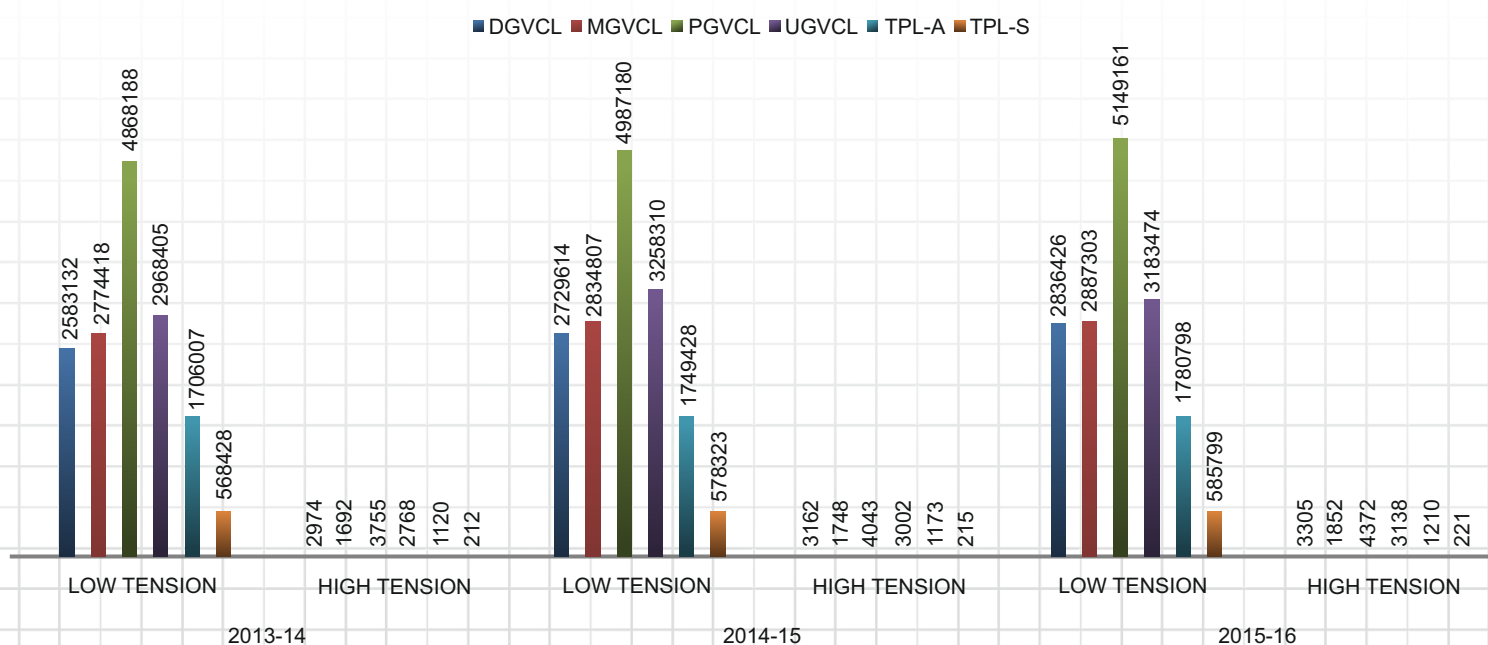


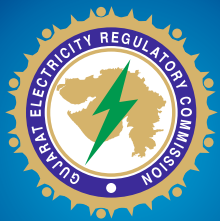
Table 10: Number of Consumers

State	Utility	2013-14			2014-15			2015-16		
		Low Tension	High Tension	Total	Low Tension	High Tension	Total	Low Tension	High Tension	Total
Gujarat	DGVCL	2583132	2974	2586106	2729614	3162	2732776	2836426	3305	2839731
	MGVCL	2774418	1692	2776110	2834807	1748	2836555	2887303	1852	2889155
	PGVCL	4868188	3755	4871943	4987180	4043	4991223	5149161	4372	5153533
	UGVCL	2968405	2768	2971173	3258310	3002	3261312	3183474	3138	3186612
State Owned Discoms Total		13194143	11189	13205332	13809911	11955	13821866	14056364	12667	14069031
Gujarat	TPL-A	1706007	1120	1707127	1749428	1173	1750601	1780798	1210	1782008
	TPL-S	568428	212	568640	578323	215	578538	585799	221	586020
Private Discoms Total		2274435	1332	2275767	2327751	1388	2329139	2366597	1431	2368028
Gujarat Total		15468578	12521	15481099	16137662	13343	16151005	16422961	14098	16437059

Source: RIMS Reports upto Q-3 Report

Number of consumers





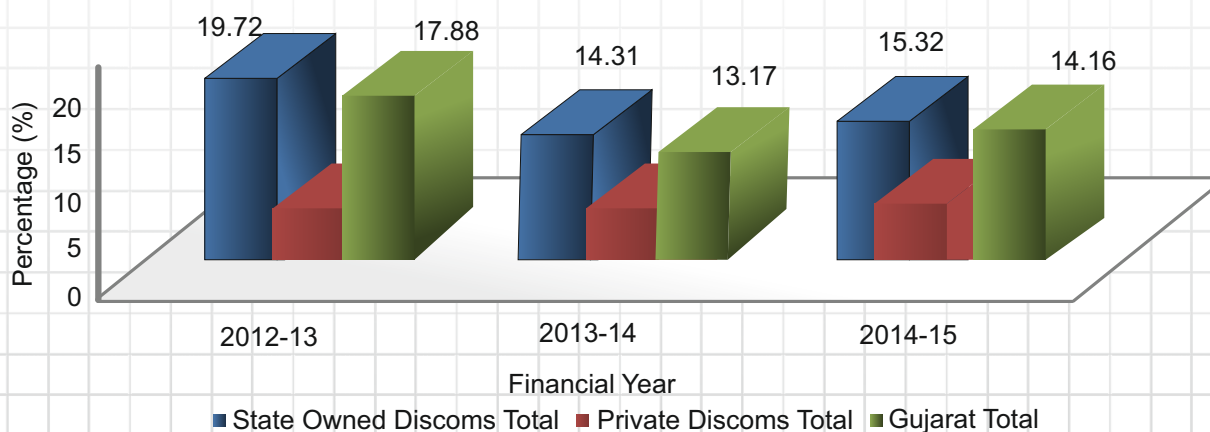
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Table 11: Distribution Losses (%)

State	Utility	2012-13			2013-14			2014-15		
		Energy Input at Distribution Level (Mus)	Energy Sold (MUs)	Distribution Losses (%)	Energy Input at Distribution Level (Mus)	Energy Sold (MUs)	Distribution Losses (%)	Energy Input at Distribution Level (MUs)	Energy Sold (MUs)	Distribution Losses (%)
Gujarat	DGVCL	12819	11337	11.56	13235	12040	9.03	17133	15572	9.11
	MGVCL	8073	7032	12.89	7941	6955	12.41	9455	8295	12.27
	PGVCL	24566	17221	29.90	22740	17464	23.20	26473	19958	24.61
	UGVC	17329	14816	14.50	15504	14489	6.54	18070	16408	9.20
State Owned Discoms Total		62787	50406	19.72	59420	50948	14.31	71131	60233	15.32
Gujarat	TPL-A	6638	6157	7.25	6545	6070	7.27	6962	6451	7.34
	TPL-S	3282	3144	4.20	3308	3165	4.33	3449	3308	4.09
Private Discoms Total		9920	9301	6.24	9854	9235	6.28	10411	9759	6.26
Gujarat Total		72707	59707	17.88	69273	60182	13.17	81542	69992	14.16

Source: Various Tariff Orders Issued by GERC & Tariff Petitions submitted by Discoms

Distribution Losses (%)



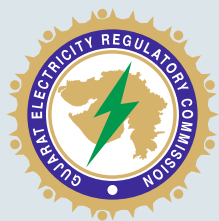
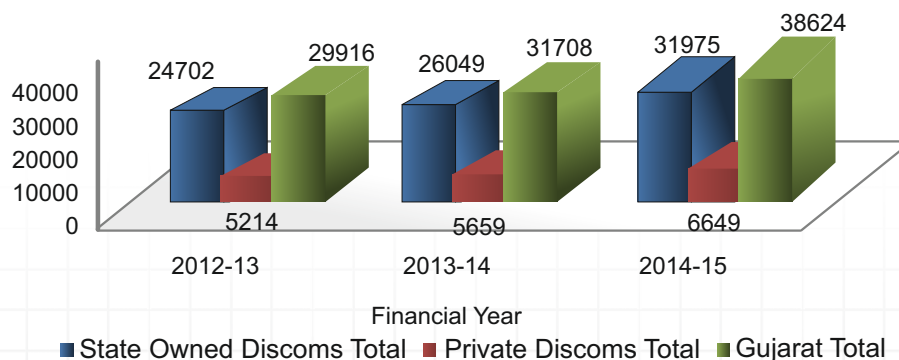


Table 12: Summary of Sale of Energy (₹ Crores and Mus)

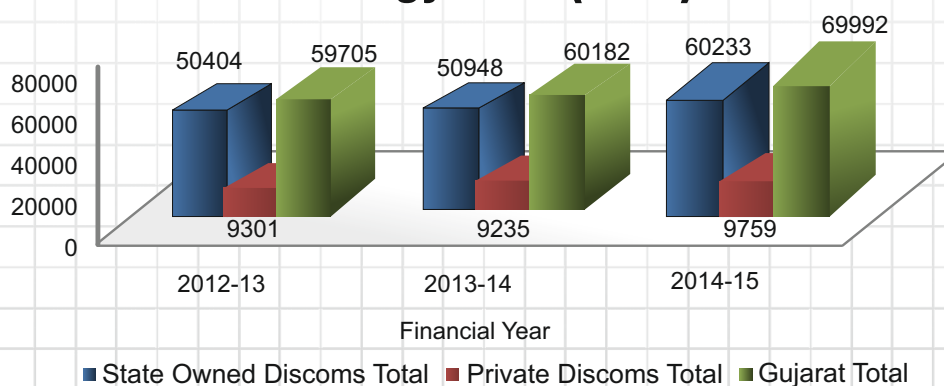
State	Utility	2012-13		2013-14		2014-15	
		Sale of Energy (Rs. Crore)	Energy Sold (MUs)	Sale of Energy (Rs. Crore)	Energy Sold (MUs)	Sale of Energy (Rs. Crore)	Energy Sold (Mus)
Gujarat	DGVCL	6464	11337	7098	12040	9439	15572
	MGVCL	3656	7031	3756	6955	4733	8295
	PGVCL	8211	17221	8635	17464	10152	19958
	UGVCL	6372	14815	6560	14489	7652	16408
State Owned Discoms Total		24702	50404	26049	50948	31975	60233
Gujarat	TPL-A	3481	6157	3759	6070	4444	6451
	TPL-S	1733	3144	1901	3165	2205	3308
Private Discoms Total		5214	9301	5659	9235	6649	9759
Gujarat Total		29916	59705	31708	60182	38624	69992

Source: Annual Reports of Discoms

Sale of Energy (₹ Crores)



Energy Sold (MUs)





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Table 13 (a): Consumer Category wise Sale of Energy for State Owned Discoms (MUs)

FY	State	Utility	Domestic	Non Domestic	Ind. LT (LTMD)	Agriculture	Industrial HT	Public Lighting	Public Water Works	Railway	Total	Sale of Energy (₹ Cr.)	Avg. Revenue (₹ /kWh)
2012-13	Gujarat	DGVCL	1918	3638		628	4673	39	127	314	11337	6464	5.70
		MGVCL	1818	1165		987	2454	61	173	372	7031	3656	5.20
		PGVCL	2796	2826		5870	5167	80	482	-	17221	8211	4.77
		UGVCL	1480	1358		7630	3771	43	515	17	14815	6372	4.30
State Owned Discoms Total			8012	8987		15115	16065	223	1297	703	50404	24702	4.90
2013-14	Gujarat	DGVCL	2056	3891		624	4950	42	160	317	12040	7098	5.90
		MGVCL	1919	1197		920	2296	62	183	378	6955	3756	5.40
		PGVCL	2970	2812		6017	5002	84	557	22	17464	8635	4.94
		UGVCL	1573	1371		7497	3465	46	518	15	14489	6560	4.53
State Owned Discoms Total			8518	9271		15058	15713	234	1418	732	50948	26049	5.11
2014-15	Gujarat	DGVCL	2345	4234		753	7691	50	164	335	15572	9439	6.06
		MGVCL	2130	1302		1052	3161	60	199	391	8295	4733	5.71
		PGVCL	3291	3069		6568	6344	89	597	0	19958	10152	5.09
		UGVCL	1764	1469		8070	4469	48	572	16	16408	7652	4.66
State Owned Discoms Total			9530	10074		16443	21665	247	1532	742	60233	31975	5.31

Source: Various Tariff Orders Issued by GERC & Tariff Petitions submitted by Discoms

Table 13 (b): Consumer Category wise Sale of Energy for Private Distribution Licensee (MUs)

FY	State	Utility	Residential (RGP)	Commercial (CGP + IGP)	LTP	LTMD	HTMD	Others (Agriculture, Street Light, Temp., etc.)	Total	Sale of Energy (Rs. Cr.)	Avg. Revenue (Rs./kWh)
2012-13	Gujarat	TPL-A	1965	814	1487		1805	85	6157	3481	5.65
		TPL-S	669	1229	957		261	28	3144	1733	5.51
Private Discoms Total			2634	2043	2444		2066	113	9300	5214	5.61
2013-14	Gujarat	TPL-A	2042	816	1514		1614	83	6070	3759	6.19
		TPL-S	672	1219	979		268	27	3165	1901	6.01
Private Discoms Total			2714	2035	2493		1882	110	9235	5659	6.13
2014-15	Gujarat	TPL-A	2309	869	1572		1619	83	6452	4444	6.89
		TPL-S	741	1239	1010		290	28	3308	2205	6.67
Private Discoms Total			3050	2108	2582		1909	111	9760	6649	6.81

Source: Various Tariff Orders Issued by GERC & Tariff Petitions submitted by Discoms

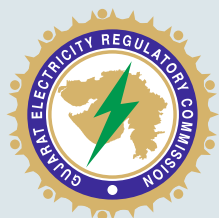
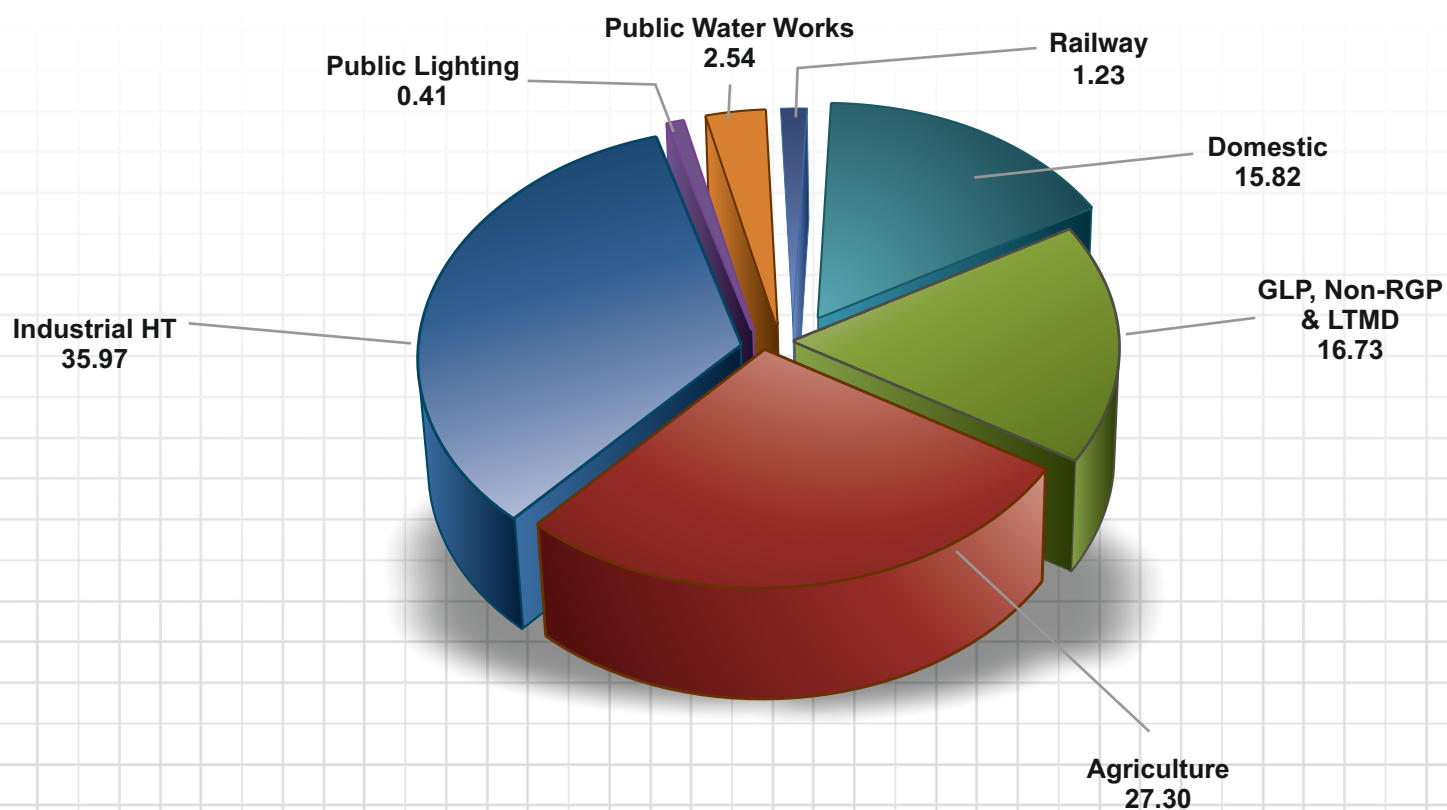


Table 14 (a): Category wise Sale in % of Total Sales for State Owned Discoms

FY	State	Utility	Domestic	Non Domestic	Industrial LT (LTMD)	Agriculture	Industrial HT	Public Lighting	Public Water Works	Railway
2012-13	Gujarat	DGVCL	16.92	32.09	5.54	41.22	0.34	1.12	2.77	
		MGVCL	25.86	16.57	14.04	34.90	0.87	2.46	5.29	
		PGVCL	16.24	16.41	34.09	30.00	0.46	2.80	-	
		UGVCL	9.99	9.17	51.50	25.45	0.29	3.48	0.11	
	State Owned Discoms Total		15.90	17.83	29.99	31.87	0.44	2.57	1.39	
2013-14	Gujarat	DGVCL	17.08	32.32	5.18	41.11	0.35	1.33	2.63	
		MGVCL	27.59	17.21	13.23	33.01	0.89	2.64	5.43	
		PGVCL	17.01	16.10	34.45	28.64	0.48	3.19	-	
		UGVCL	10.86	9.46	51.74	23.92	0.32	3.58	0.11	
	State Owned Discoms Total		16.72	18.20	29.56	30.84	0.46	2.78	1.44	
2014-15	Gujarat	DGVCL	15.06	27.19	4.84	49.39	0.32	1.05	2.15	
		MGVCL	25.68	15.70	12.68	38.11	0.72	2.40	4.71	
		PGVCL	16.49	15.38	32.91	31.79	0.45	2.99	-	
		UGVCL	10.75	8.95	49.18	27.24	0.29	3.49	0.10	
	State Owned Discoms Total		15.82	16.73	27.30	35.97	0.41	2.54	1.23	

Source: Various Tariff Orders Issued by GERC & Tariff Petitions submitted by Discoms

Category wise Sale in % of Total Sales for State Owned Discoms for FY 2014-15





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Table 14 (b): Category wise Sale in % of Total Sales for Private Discoms

FY	State	Utility	Residential (RGP)	Commercial (CGP + IGP)	LTP	LTMD	HTMD	Others (Agriculture, Street Light, Temp., etc.)
2012-13	Gujarat	TPL-A	31.92	13.23	24.15		29.32	1.38
		TPL-S	21.28	39.09	30.43		8.31	0.89
	Private Discoms Total		28.32	21.97	26.27		22.22	1.21
2013-14	Gujarat	TPL-A	33.64	13.45	24.94		26.60	1.37
		TPL-S	21.24	38.51	30.94		8.47	0.84
	Private Discoms Total		29.39	22.04	27.00		20.38	1.19
2014-15	Gujarat	TPL-A	35.79	13.47	24.36		25.09	1.29
		TPL-S	22.40	37.45	30.53		8.77	0.85
	Private Discoms Total		31.25	21.60	26.45		19.56	1.14

Source: Various Tariff Orders Issued by GERC & Tariff Petitions submitted by Discoms

Category wise Sale in % of Total Sales for Private Discoms for FY 2014-15

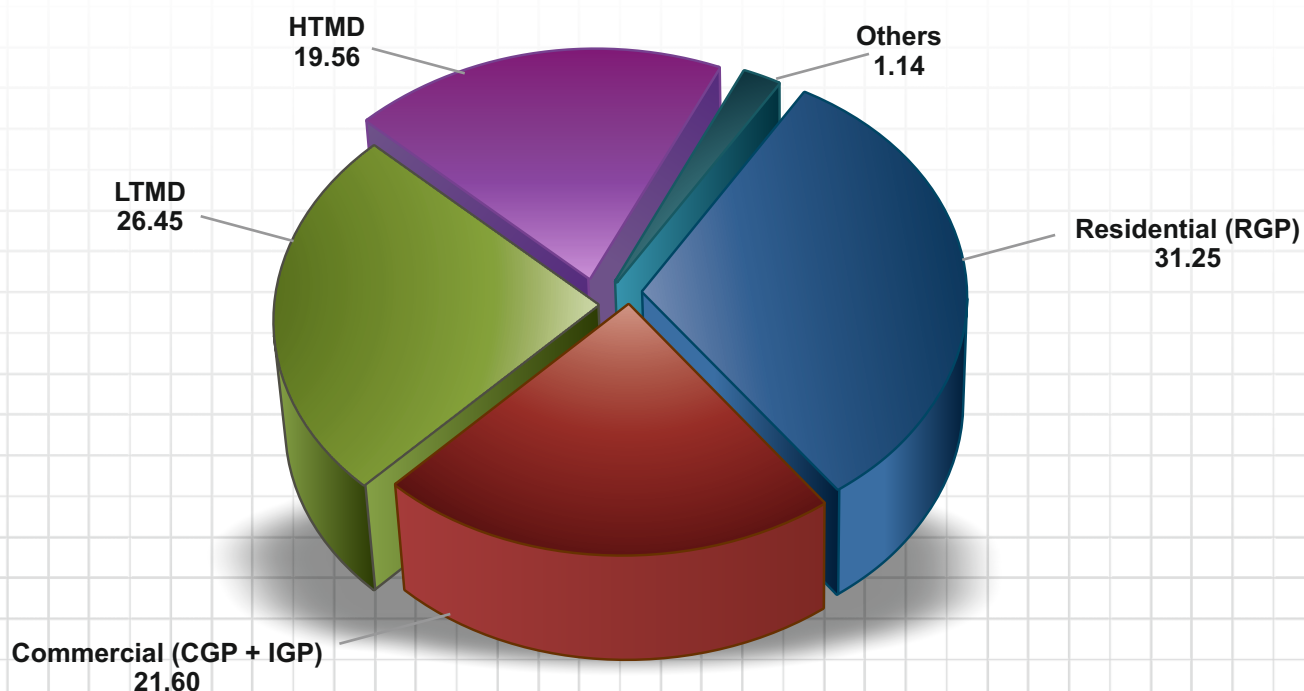




Table 15: Total No. of HT Line & LT Line and Total No. of Transformer.

FY Name of DISCOMs	2012-13			2013-14			2014-15			2015-16		
	HT Line (In CKM.)	LT Line (In CKM.)	Total No. of Dtr.	HT Line (In CKM.)	LT Line (In CKM.)	Total No. of Dtr.	HT Line (In CKM.)	LT Line (In CKM.)	Total No. of Dtr.	HT Line (In CKM.)	LT Line (In CKM.)	Total No. of Dtr.
DGVCL	37474	45207	71369	39260	46340	83096	41826	46967	95713	47018	48692	115076
MGVCL	42775	58776	75540	47316	61035	86183	50512	63485	101074	52971	66079	111736
PGVCL	118144	124629	336500	137156	125944	398997	143551	128763	486829	152032	131357	563381
UGVCL	79095	67936	149170	84263	68501	168718	89799	69123	199268	94435	69766	222666
TPL-A	4949	23898	6610	5097	24741	6804	5366	25657	7047	5744	27155	7364
TPL-S	1804	2671	2300	1808	2710	2318	1837	2768	2352	1850	2829	2397

Source: Discoms Report



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Table 16: Cost of Supply (₹ /kWh)

State	Utility	2012-13			2013-14			2014-15		
		Total Expenditure (₹ Crore)	Energy Sold (Mus)	Cost of Supply (₹ /kWh)	Total Expenditure (₹ Crore)	Energy Sold (Mus)	Cost of Supply (₹ /kWh)	Total Expenditure (₹ Crore)	Energy Sold (Mus)	Cost of Supply (₹ /kWh)
Gujarat	DGVCL	6901	11337	6.09	7588	12040	6.30	10699	15572	6.87
	MGVCL	4407	7031	6.27	4248	6955	6.11	4970	8295	5.99
	PGVCL	10048	17221	5.83	10445	17464	5.98	11595	19958	5.81
	UGVCL	7574	14815	5.11	7656	14489	5.28	8264	16408	5.04
State Owned Discoms Total		28930	50404	5.74	29937	50948	5.88	35527	60233	5.90
Gujarat	TPL-A	3802	6157	6.17	4264	6070	7.03	4548	6451	7.05
	TPL-S	1861	3144	5.92	2149	3165	6.79	2223	3308	6.72
Private Discoms Total		5663	9300	6.09	6413	9235	6.94	6771	9759	6.94
Gujarat Total		34593	59704	5.79	36350	60182	6.04	42298	69992	6.04

Source: Annual Reports of the Utilities



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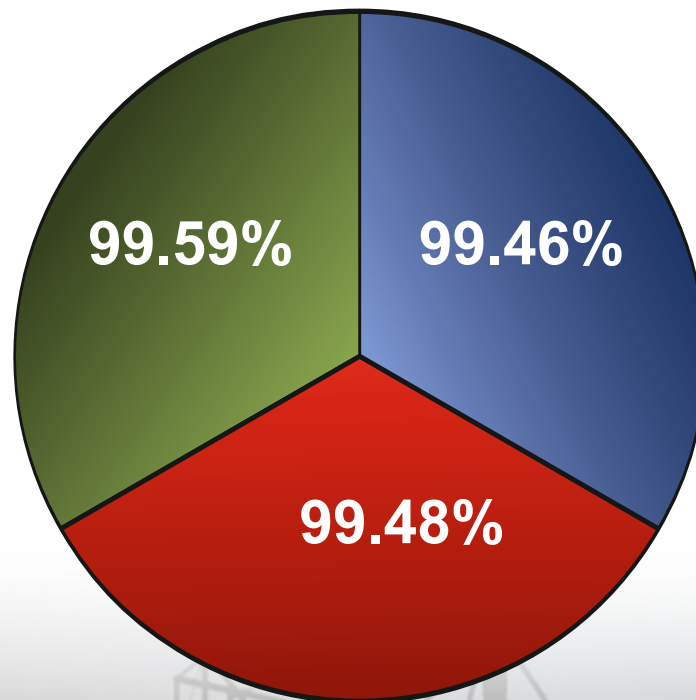
Table 17: Transmission Availability and Losses (%)

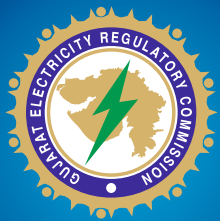
FY	Actual Availability in (%)	Actual Loss in (%)
2012-13	99.46%	3.89%
2013-14	99.48%	3.57%
2014-15	99.59%	3.65%

Source: Various Tariff Orders Issued by GERC & Tariff Petitions submitted by Discoms

Actual Availability in (%)

■ 2012-13 ■ 2013-14 ■ 2014-15





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Table 18: Income, Expenditure and Profitability for State Owned Discoms Utilities

FY	State	Utility	Total Income	Total expenditure	Profit before Tax	Profit after Tax
2012-13	Gujarat	DGVCL	6933	6904	32	25
		MGVCL	4430	4407	23	21
		PGVCL	10059	10048	11	11
		UGVCL	7593	7574	20	14
		TPL-A	3569	3801	-233	-
		TPL-S	1760	1861	-101	-
2013-14	Gujarat	DGVCL	7656	7587	67	52
		MGVCL	4273	4248	25	19
		PGVCL	10464	10445	19	10
		UGVCL	7673	7660	17	14
		TPL-A	3855	4264	-409	-
		TPL-S	1938	2148	-210	-
		DGVCL	10771	10699	71	51
2014-15	Gujarat	MGVCL	5006	4970	37	29
		PGVCL	11614	11595	20	11
		UGVCL	8288	8264	22	17
		TPL-A	4558	4548	9.54	1.29
		TPL-S	2253	2223	29.83	4.05

Source: Annual Reports of the Utilities



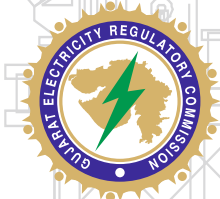


Table 19: Per Capita Consumption of Electricity

(in kWh)

	Region/State/U.T.	2009-10	2010-11	2011-12	2012-13(Provisional)
1	Haryana	1491.37	1485.07	1628.31	1722.30
2	Himachal Pradesh	1144.94	1250.93	1289.39	1379.78
3	Jammu & Kashmir	968.47	988.30	1015.19	1043.36
4	Punjab	1663.01	1735.51	1799.01	1761.08
5	Rajasthan	811.12	843.75	927.36	981.85
6	Uttar Pradesh	386.93	411.94	449.89	449.98
7	Uttaranchal	930.41	1143.61	1232.17	1297.26
8	Chandigarh	1238.51	1282.86	1217.37	1167.63
9	Delhi	1447.72	1530.43	1586.73	1613.25
	Northern Region	739.44	776.37	833.19	852.09
10	Chattisgarh	921.14	1117.53	1319.56	1495.41
11	Gujarat	1558.58	1508.14	1663.23	1796.29
12	Madhya Pradesh	618.10	674.48	671.54	752.74
13	Maharashtra	1054.10	1095.99	1204.38	1239.33
14	Goa	2004.77	2060.65	2025.46	2044.90
15	Daman & Diu	7201.84	7810.22	7785.22	7926.75
16	D & N Haveli	11708.59	13366.50	13766.56	14340.74
	Western Region	1061.41	1104.44	1201.15	1283.78
17	Andhra Pradesh	1013.74	1065.46	1156.52	1134.90
18	Karnataka	873.05	925.02	1081.35	1129.09
19	Kerala	536.78	550.80	593.77	630.07
20	Tamil Nadu	1210.81	1232.51	1276.57	1226.26
21	Puducherry	1864.50	1850.47	2124.71	2135.74
22	Lakshadweep	428.81	531.63	550.25	591.53
	Southern Region	971.55	1009.63	1098.01	1093.78
23	Bihar	117.48	126.75	133.61	145.42
24	Jharkhand	750.46	749.27	790.20	846.80
25	Orissa	837.55	1070.35	1145.79	1209.21
26	West Bengal	515.08	537.85	563.78	593.86
27	A & N Island	506.13	499.18	501.40	558.91
28	Sikkim	845.40	880.11	886.36	861.80
	Eastern Region	446.14	493.39	521.16	552.20
29	Assam	209.21	222.86	249.82	240.28
30	Manipur	207.15	242.30	239.86	352.86
31	Meghalaya	613.36	654.08	657.57	690.20
32	Nagaland	242.39	264.81	257.18	268.49
33	Tripura	223.78	221.80	253.82	296.05
34	Arunachal Pradesh	503.27	582.08	683.13	718.57
35	Mizoram	429.31	461.69	506.74	469.38
	N.E. Region	249.65	267.51	292.36	298.33
	ALL INDIA	778.63	818.75	883.63	914.41

Source: Ministry of Power Website



GUJARAT ELECTRICITY REGULATORY COMMISSION

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