

(1) STATION WISE MAX MW. ENERGY GENERATION AND AUXILIARY CONSUMPTION:-

NO	STATION	MAX MW	GEN.MWH	AUX. MWH
1	UKAI(HYDRO)+LBC	305	43881	120
2	KADANA(HYDRO)+PANAM	62	25624	133
3	DHUVARAN	249	110231	11948
4	DHUVARAN(GSEC)	0	0	219
5	UKAI(TH)	482	300668	26650
6	GANDHINAGAR	738	454287	51439
7	WANAKBORI	1471	917199	68693
8	SIKKA	236	145257	12695
9	PANANDHRO	219	125368	14810
10	UTRAN	144	84570	4691
11	AECO	516	314156	21526
12	GIPCL-I	158	77111	1981
13	GIPCL-II	159	77839	1722
14	SURAT LIGNITE	256	168863	18349
15	AKRIMOTA LIGNITE	89	12763	4773
16	GPEC	649	416930	6270
17	ESSAR POWER	515	279168	8515
18	GSEG	154	57819	1299
19	CPP		28208	
20	KAWAS		362304	
21	KAKARAPAR		181575	
22	JHANOR		258970	
23	FROM AMBHETI		119628	
24	FROM TARAPUR		34759	
25	FROM NASHIK		-45417	
26	FROM INDORE		283118	
27	FROM SSP		166969	
TOTAL			5001848	255832

(2) MAXIMUM CATERED. RESTRICTED & UNRESTRICTED DEMAND:-

	MAXIMUM CATERED	MINIMUM CATERED	MAXIMUM RESTRICTED	MAXIMUM UNRESTRICTED
MAXIMUM MW	8117	5473	10602	10642
TIME	12.00	18.00	20.00	20.00
DATE	07/02/2007	25/2/2007	06/02/2007	06/02/2007
FREQ (Hz)	49.14	49.81	49.00	49.00
CATERED MW	8117	5473	7882	7882
GUJ GEN MW	5733	4324	5657	5657
FLOW MW	2384	1149	2225	2225
LOAD SHEDDING	1712	2212	2444	2444
FREQ CORRECTION	190	36	276	276
DEMAND CUT	0	0	0	0
HOLIDAY STAGGERING	0	0	0	0
RECESS STAGGERING	0	0	0	40

(3) THE UNIT WISE GENERATION & AUXILIARY CONSUMPTION:-

UNIT	GEN.	AUX.	MAX	UNIT	GEN.	AUX.	MAX
DTPS 1	0	447	0	UHPS 1	6790	113	75
DTPS 2	0	8	0	UHPS 2	10984	0	75
DTPS 3	0	320	0	UHPS 3	12371	0	75
DTPS 4	21435	2067	41	UHPS 4	10945	0	75
DTPS 5	31532	3322	102	ULBC 1	1395	7	3
DTPS 6	57264	5784	105	ULBC 2	1396	0	3
DTPS-GT -1	0	118	0				
DTPS-GT-2*	0	101	0				
DTPS-ST				UGPP GT1	18158	0	32
				UGPP GT2	18400	0	32
GTPS 1	57513	6176	91	UGPP GT3	17674	4691	32
GTPS 2	58362	5753	93	UGPP ST	30338	0	51
GTPS 3	95470	12871	168				
GTPS 4	107550	13873	190	GIPCL GT1	16578	1981	35
GTPS 5	135392	12766	211	GIPCL GT2	19633	0	37
				GIPCL GT3	13969	0	36
WTPS 1	137994	68693	210	GIPCL ST1	26931	0	53
WTPS 2	115625	0	210	GIPCL GT4	51011	1722	108
WTPS 3	121115	0	210	GIPCL ST2	26828	0	52
WTPS 4	139950	0	210				
WTPS 5	124970	0	210	AECO C	39693	3266	63
WTPS 6	137660	0	210	AECO D	80000	5611	123
WTPS 7	139885	0	211	AECO E	72085	6101	113
				AECO F	73507	5324	113
UTPS 1	0	230	0	AECO GT1	17094	1225	38
UTPS 2	49345	4743	83	AECO GT2	14498		32
UTPS 3	114050	10371	194	AECO STG	17279		34
UTPS 4	0	420	0				
UTPS 5	137273	10886	210	ESSAR GT1	58862		110
				ESSAR GT2	59162		110
STPS 1	67722	4728	116	ESSAR GT3	61074		110
STPS 2	77535	7967	120	ESSAR SGT	100070	8515	185
KLTPS 1	40855	0	72	GPEC GT1	88810	2130	147
KLTPS 2	39422	0	73	GPEC GT2	88900	170	144
KLTPS 3	45091	14810	76	GPEC GT3	88950	3970	145
				GPEC STG	150270		231
KHPS 1	4621	29	60				
KHPS 2	20473	76	60	SLPP 1	84495	7602	8028
KHPS 3	0	0	0	SLPP 2	84368	10747	
KHPS 4	0	26	0				
PANAM	530	1	2	GSEG 1	6946	509	52
				GSEG 2	31040	790	51
ALPP 1	0	0	0	GSEG ST	19833	0	53
ALPP 2	12763	4773	89				
				CPP	28208	107	

(3A) ENERGY LOSSES DUE TO LOAD SHEDDING

679403 MWH

A .. NET EXPORT TO DIU	2279.97	MWH
B .. NET EXPORT TO DAMAN	109347	MWH
C .. NET EXPORT TO DNH	228738	MWH
D .. FROM ESSAR TO GEB	140355	MWH
E .. Ukai Dam Level on first day	325.2	on last year
F .. Kadana Dam Level on first day	410.1	on last year

*The station DGB-2 is still not declared for commercial operation, the energy considered for matching total energy only.

(4) ENERGY EXCHANGE

(1)	NET EXPORT TO GUJARAT	FROM TARAPUR BUS	34758.88
(2)	NET EXPORT TO GUJARAT	FROM AMBHETI (PG) BUS	119628
(3)	A..EXPORT FROM MAHARASHTRA TO GUJARAT	AT NASIK BUS	986.79
	B..EXPORT FROM GUJARAT TO MAHARASHTRA	AT NAVSARI BUS	46404
	C..NET EXPORT FROM MAHARASHTRA TO GUJARAT		-45417
(4)	A..EXPORT FROM M.P. TO GUJARAT	AT INDORE BUS	283195
	B..EXPORT FROM GUJARAT TO M.P.	AT ASOJ BUS	77
	C..NET EXPORT FROM M.P. TO GUJARAT		283118
(5)	NET EXPORT FROM KAWAS TO GUJARAT		362304
(6)	NET EXPORT FROM KAKARAPAR TO GUJARAT		181575
(7)	NET EXPORT FROM JHANOR TO GUJARAT		258970
(8)	NET EXPORT FROM SSP TO ASOJ		28971
(9)	NET EXPORT FROM SSP TO KASOR		137998

(5) STATUS OF INTER-STATE LINES

LINES		PLAN	FORCE	OTHER	TTL HRS	TTL HRS
		OUTAGE	OUTAGE	REASON	OUTAGE	SERVICE
1	400 KV ASOJ-INDORE -1	11.09	3.18	0	14.27	657.33
2	400 KV ASOJ-INDORE -2	0.18	2.49	0	3.07	668.53
3	400 KV ASOJ-SSP	0	0	0	0	672
4	400 KV KASOR-SSP	0	23.18	0	23.18	648.42
5	220 KV NAVSARI-NASIK -1	0	7.57	0	7.57	664.03
6	220 KV NAVSARI-NASIK -2	0	0	0	0	672
7	220 KV TARAPUR-BHILAD	0	4.55	0	4.55	667.05
8	220 KV TARAPUR-VAPI	12.25	17.48	0	30.13	641.47
9	220 KV AMBHETI-BHILAD	0	0	0	0	672
10	220 KV AMBHETI(PG)-VAPI	0	0	0	0	672
11	NO OF HRS GUJARAT- MAHARASTRA	IN	PARALLEL			672
12	NO OF HRS GUJARAT- MADHYA PRADESH	IN	PARALLEL			668.53

(6) FRQUENCY PARTICULARS

A . AVERAGE FRQUENCY			49.46	HZ		
B . ABOVE 50.20 Hz			2.46	%		
C . BETWEEN 50.20 & 49.80 Hz			15.95	%		
D . BETWEEN 49.80 & 49.50 Hz			20.77	%		
E . BETWEEN 49.50 & 49.00 Hz			54.7	%		
F . BETWEEN 49.00 & 48.50 Hz			6.11	%		
G . BETWEEN 48.50 & 48.00 Hz			0	%		
H . BELOW 48.00 Hz			0	%		
K . AVERAGE MAX FRQUENCY	50.36	ON	02/11/2007	AT	2.00	HRS
L . AVERAGE MIN FRQUENCY	48.92	ON	02/01/2007	AT	4.00	HRS
M . INSTANT MAX FRQUENCY	52.36	ON	25/2/2007	AT	16.36	HRS
N . INSTANT MIN FRQUENCY	47.53	ON	25/2/2007	AT	16.36	HRS

ACTUAL GENERATION AND PEAK MW FOR FEBRUARY-07 FOR
GUJARAT :-

	ENERGY (MWH)	PEAK (MW)
A HYDRO :-		
1 UKAI	41090	300
2 UKAE LBCH	2791	5
3 KADANA	25094	60
4 PANAM	530	2
TOTAL HYDRO	69505	300
B THERMAL :-		
1 AECO C	39693	63
AECO D	80000	123
AECO E	72085	113
AECO F	73507	113
AECO GAS	48871	70
DHUVARAN (Steam)	110231	249
DHUVARAN (gas)	0	0
UKAI 1	0	0
UKAI 2	49345	83
UKAI 3	114050	194
UKAI 4	0	0
UKAI 5	137273	210
GANDHINAGAR 1	57513	91
GANDHINAGAR 2	58362	93
GANDHINAGAR 3	95470	168
GANDHINAGAR 4	107550	190
GANDHINAGAR 5	135392	211
WANAKBORI 1	137994	210
WANAKBORI 2	115625	210
WANAKBORI 3	121115	210
WANAKBORI 4	139950	210
WANAKBORI 5	124970	210
WANAKBORI 6	137660	210
WANAKBORI 7	139885	211
SIKKA	145257	236
KUTCH LIGNITE	125368	219
UTRAN	84570	144
GIPCL-1	77111	158
GIPCL-2	77839	159
SURAT LIGNITE	168863	256
AKRIMOTA LIGNITE	12763	89
ESSAR POWER	279168	515
GPEC	416930	649
GSEG	57819	154
CPP	28208	107
C TOTAL (TH)	3570437	5663
D TOTAL (TH+ HY)	3639942	5845
E NET EXCHANGE	1361906	2294
RESTRICTED ENERGY REQ.	5775786	
UNRESTRICTED ENERGY REQ.	5775786	
AUXILIARY CONSP. (HY+TH)	255832	
IMPORT/EXPORT- INTRASTATE/INTERSTATE REGION		
AND OPERATING HOURS OF TIE LINES.....		PAGE 3
CATERED DEMAND.....		PAGE 1
UNRESTRICTED DEMAND.....		PAGE 1

400KV BUS VOLTAGE

ASOJ		INDORE		JETPUR		UKAI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
414	390	426	385	441	374	419	390

WANAKBORI		SOJA		CHORANIA		KANSARI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
417	399	409	395	423	367	425	389

220KV BUS VOLTAGE

Anjar		Mahesana		Chhatral		Dhansura		Ranasan		Viramgam	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
233	219	226	214	225	212	225	215	226	208	228	207

Limbdī		Dhangadhra		Gondal		Ranavav		Vartej		Timbdī	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
233	217	230	210	235	214	230	210	227	205	231	200

GUJARAT ENERGY TRANSMISSION CORPORATION LTD , STATE LOAD DESPATCH CENTRE , GOTRI

ACCOUNTING OF LOSS OF GENERATION IN GUJARAT FOR FEB-2007

Station	Installed	Maximum	Actual	Loss of generation due to			Comme	Grid	Auxiliary	RSD	Other	Total	Remarks
	capacity	possible	generation	Fuel	Low	Trans-						rcial	
	(MW)	monthly	during	/ water	demand	mission	rcial	distur	problems		reasons	(generation	&
		at 100%	month	shortage	high	const.	reasons	bance				losses)	
		PLF			freq.								
THERMAL POWER STATIONS:-													
DHUVARAN	534	358.848	110.231	0.000	12.413	0.000	0.000	0.000	41.816	0.000	194.388	358.848	
UKAI	850	571.200	300.668	0.000	0.297	0.000	0.000	0.000	0.444	0.000	269.791	571.200	
GANDHINAGAR	870	584.640	454.287	0.000	3.456	0.000	0.000	0.000	113.563	0.000	13.334	584.640	
WANAKNBORI	1470	987.840	917.199	0.000	6.489	1.040	0.000	-0.533	0.020	3.396	60.229	987.840	
SIKKA	240	161.280	145.257	0.000	1.686	0.000	0.000	0.000	8.449	0.000	5.888	161.280	
PANANDHRO	215	144.480	125.368	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.112	144.480	
A.E.CO.	400	268.800	265.285	0.000	6.170	0.000	0.000	0.000	0.876	0.000	3.121	275.452	6.6524 Mu's More
SURAT LIGNITE	250	168.000	168.863	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	168.863	0.863 Mu's More
TOTAL	4829	3245.088	2487.158	0.000	30.511	1.040	0.000	-0.533	165.168	3.396	565.863	3252.603	
GAS STATION:-													
A.E.CO.	100	67.200	48.871	18.090	0.000	0.000	0.000	0.000	0.010	0.000	0.347	67.318	0.1175 Mu's More
UTRAN	135	90.720	84.570	2.455	3.501	0.000	0.000	0.000	0.000	0.000	3.967	94.493	3.773 Mu's More
DHUVARAN	107	71.647	0.000	0.000	0.000	0.000	0.000	0.000	71.647	0.000	0.000	71.647	
TOTAL	342	229.567	133.441	20.545	3.501	0.000	0.000	0.000	71.657	0.000	4.314	233.457	

