

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,161	MW
Hydro	1,830	MW
Distillate	1,095	MW
Total TNB	8,296	MW
Total IPP	10,278	MW
Total Co-Gen	70	MW
System Total	18,644	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30

TNB Generation	6,229	MW
IPP Generation	8,942	MW
Total Set On Bus	16,321	MW
Maximum Demand	15,362	MW
Spinning Reserve	1,080	MW
Net Energy	313,542	MWH
Load Factor	85.0	%

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	11560	11079	10600	10351	9901	9929	10244	10321	11277	13109	14247	14992	14919	14729	15112	15322	15276	14896	13735	13818	14403	14200	13774	13311

Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	58
PAKA	123
PGPS	9
TJGS	135
TNB Total	375
KLPP	74
MPSS	57
PGLA	57
PLPS	98
SGB3	45
SGRI	32
SKSP	54
YPGS	58
YPKA	122
IPP Total	598
Total Gas	972

Total Gas Required : 1,374
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	34
PDPS	24
PGPS	22
PKLG	120
PTEK	20
SGB3	37
SGRI	34
SRDG	28
TJGS	83
Total	402

Generation Mix

Type	MWh	Percentage
ST-Coal	49,587.00	15.82 %
ST-Gas	20.00	0.01 %
ST-Oil	534.00	0.17 %
Gas	47,383.00	15.11 %
Hydro	13,034.00	4.16 %
Distillate	16,568.00	5.28 %
Total TNB	127,126.0	40.55 %
ST-Coal	77,802.0	24.81 %
ST-Oil	11,668.0	3.72 %
Gas	77,792.0	24.81 %
Distillate	16,988.0	5.42 %
Total IPP	184,250.0	58.76 %
Co-Gen	1,944.0	0.62 %
Total Co-Gen	1,944.0	0.62 %
Total Generation	313,320.0	99.93 %
PLTG	388.0	0.12 %
HVDC	-610.0	-0.19 %
Interconnection	-222.0	-0.07 %
Net Energy	313,542.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	347
Hydro	193
Syncon	376
Thermal	5
Total	921

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGPS	GT3B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGPS	ST3C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLG	GT09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	ST2C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	50	51	50	51	49	51	51	50	51	50	52	51	51	50	49	50	48	48	48	48	49	48	48	49
PCUF	CUFK	32	31	32	29	31	30	32	31	31	29	30	32	31	32	31	32	30	27	24	23	24	24	23	21
Total Co-Gen		82	82	82	80	80	81	83	82	81	82	79	82	83	82	80	82	78	78	75	72	72	73	72	
Total Gen		11673	11435	11151	10973	10718	10460	10391	10219	9967	10027	9989	10021	10165	10521	10441	10396	11196	12318	13113	13833	14222	14579	14966	
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		30	30	30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		83	46	42	0	148	102	69	60	95	112	89	-85	-50	54	149	-8	-51	-12	34	107	4	-8	3	
Interconnection		113	76	72	-30	118	73	40	31	66	83	60	-114	-79	25	120	-38	-81	-42	4	78	-25	-37	-26	
System Total		11560	11359	11079	11003	10600	10387	10351	10188	9901	9944	9929	10135	10244	10496	10321	10434	11277	12360	13109	13755	14247	14616	14992	
SRev ST-Coal		-10	-16	9	-11	50	-11	-8	5	4	-7	-11	23	16	26	23	29	4	-11	-14	4	0	-5	-20	
SRev ST-Oil		0	0	0	0	0	28	28	28	28	28	28	21	4	4	4	4	4	4	4	9	9	7	3	
SRev CCGT-Gas		170	161	107	101	159	460	721	1002	1422	1393	1444	1447	1515	1390	1467	1599	1439	617	398	487	374	291	404	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		625	575	575	575	726	726	726	726	726	726	726	726	726	726	726	726	726	474	86	388	388	237	237	
Hydro		147	190	303	205	137	135	136	120	125	133	137	84	75	125	148	119	71	72	293	298	232	176	200	
S.Reserve Total		932	910	994	870	1072	1338	1603	1881	2305	2273	2324	2308	2360	2288	2368	2484	2249	1423	1168	890	1038	990	971	