

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,441	MW
Hydro	1,502	MW
Distillate	1,070	MW
Total TNB	7,393	MW
Total IPP	10,848	MW
Total Co-Gen	71	MW
System Total	18,312	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	5,792	MW
IPP Generation	9,342	MW
Total Set On Bus	16,081	MW
Maximum Demand	15,195	MW
Spinning Reserve	876	MW
Net Energy	313,460	MWH
Load Factor	86.0	%

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	12316	11808	11371	10951	10685	10700	10813	11010	11295	13074	13930	14597	14647	14389	14859	14969	15032	14688	13657	13225	14457	14334	13824	13510

Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	58
PAKA	112
PGPS	50
TJGS	126
TNB Total	396
KLPP	45
MPSS	54
PGLA	82
PLPS	19
SGB3	39
SGRI	86
SKSP	41
YPGS	34
YPKA	54
IPP Total	455
Total Gas	851
Total Gas Required :	1,311
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	44
PDPS	6
PKLG	135
PLPS	76
PTEK	3
SGB3	44
SGRI	62
SRDG	27
TJGS	63
Total	460

Generation Mix

Type	MWh	Percentage
ST-Coal	33,089.00	10.56 %
Gas	51,418.00	16.40 %
Hydro	15,229.00	4.86 %
Distillate	11,077.00	3.53 %
Total TNB	110,813.0	35.35 %
ST-Coal	97,344.0	31.05 %
ST-Oil	13,312.0	4.25 %
Gas	59,113.0	18.86 %
Distillate	30,190.0	9.63 %
Total IPP	199,959.0	63.79 %
Co-Gen	1,986.0	0.63 %
Total Co-Gen	1,986.0	0.63 %
Total Generation	312,758.0	99.78 %
PLTG	-5.0	0.00 %
HVDC	-697.0	-0.22 %
Interconnection	-702.0	-0.22 %
Net Energy	313,460.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	526
Hydro	167
Syncon	340
Thermal	12
Total	1045

	Weather	Temperature
Morning	Cloudy	25
Afternoon	Cloudy	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																															
Total Hydro		533	558	500	459	342	352	320	312	338	355	357	407	459	546	563	430	316	261	529	848	1192	1031	1162	998	954	954	955	984	948	1139	989	820	814	822	651	501	324	375	342	406	816	792	741	704	684	667	595	562							
KLPP	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127	127	128	128	127	127	127	128	127	127	127	126	127	127	128	128	127	127	126	126	127	127	127	128	128	128	128	128	128	128	128	128	105	0	0		
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113	125	126	126	126	126	126	126	127	127	126	128	126	126	128	127	126	126	127	126	127	127	127	127	127	128	128	127	127	128	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	0	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	0	0	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	0	0	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	64	131	130	130	129	129	128	128	127	127	127	127	127	127	127	127	127	127	127	127	127	128	128	129	129	129	129	129	130	130	129	129					
SGB3	GT33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	132	129	129	129	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	129	129	130	130	129		
SGRI	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	129	128	128	128	128	127	127	127	127	126	126	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	129	129	130	131	130	31
SGRI	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	GT21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	121	120	120	119	119	118	118	117	117	118	118	117	117	118	118	117	117	117	117	118	118	118	118	118	118	118	118	119	119	120	120	120	120	56	0	
SGRI	GT23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0	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	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	140	143	143	142	141	140	139	140	142	140	138	140	141	141	142	141	140	141	142	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	142	140	140	140	140	140	140	143	142	141	142	142	143	143	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	148	146	145	145	143	143	147	145	145	147	146	147	148	148	146	146	147	147	146	146	147	147	146	146	147	147	146	146	147	147	146	146	147	147	146	146
PLPS	ST18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	228	120	230	232	232	228	229	231	232	229	230	234	233	232	230	230	43	0	0	0	0	0	0	0	0	0	0	0	0	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	226	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	243	109	117	114	115	115	117	115	114	117	114	112	114	116	113	118	44	0	0	0	0	0	0	0	0	0	0	0	0	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		697	347	347	346	347	343	346	346	346	344	346	347	348	343	348	187	379	797	923	1250	1557	1694	1831	1831	1834	1827	1825	2566	2656	2768	2880	2827	2655	2625	2275	2202	2115	1852	1853	1858	1860	1992	1868	1584	1486	1185	1036								
PCUF	CUFG	49	49	48	49	49	49	48	47	49	48	48	48	48	48	49	49	48	48	48	48	48	48	48	48	48	48	48	48	47	48	48	49	49	49	49	49	49	50	49	48	49	47	49	49	49	49	45								
PCUF	CUFK	30	28	28	28	27	28	30	31	30	31	32	30	30	29	32	32	30	30	28	25	25	24	23	22	21	22	20	21	23	23	22	24	20	26	32	33	28	26	26	25	25	26	26	26	26	27	30	28							
Total Co-Gen		79	77	76	77	76	77	78	78	79	79	80	78	78	77	81	81	81	78	82	80	76	75	73	72	70	69	70	68	69	71	71	69	72	68	75	81	82	77	75	76	74	73	75	73	75	76	79	73							
Total Gen		12355	11943	11775	11493	11323	11168	10964	10841	10618	10637	10641	10686	10733	10920	11018	11005	11294	12329	13020	13512	13901	14271	14615	14842	14623	14442	14372	14527	14841	15205	15028	15028	14995	14957	14728	14222	13659	13330	13323	13854	14409	14404	14348	14123	13794	13591	13419	13143							
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	0	0	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		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29					
TIE-PLTG		68	-79	-4	35	-19	25	42	18	-38	-50	-30	25	-51	-99	37	-17	28	51	-25	-13	1	-95	48	22	5	-2	12	-2	11	39	88	-75	-8	-20	69	77	31	-13	127	7	-18	-17	42	126	-1	-28	-62	27							
Interconnection		39	-108	-33	6	-48	-4	13	-11	-67	-79	-59	-4	-80	-128	8	-46	-1	22	-54	-42	-29	-125	18	-7	-24	-31	-17	-31	-18	10	59	-104	-37	-49	40	48	2	-42	98	-23	-48	-45	14	97	-30	-57	-91	-2							
System Total		12316	12051	11808	11487	11371	11172	10951	10852	10685	10716	10700	10690	10813	11048	11010	11051	11295	12307	13074	13554	13930	14396	14597	14849	14647	14473	14389	14558	14859	15195																									