

Availability At Daily Maximum Demand Hour

ST-Coal	690	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	3,606	MW
Hydro	1,744	MW
Distillate	790	MW
Total TNB	6,980	MW
Total IPP	12,001	MW
Total Co-Gen	46	MW
System Total	19,027	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	4,384	MW
IPP Generation	10,404	MW
Total Set On Bus	15,670	MW
Maximum Demand	14,895	MW
Spinning Reserve	836	MW
Net Energy	314,376	MWH
Load Factor	87.9	%

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	13144	12292	11704	11422	11105	11251	11252	11180	11680	13216	14025	14515	14374	14236	14686	14796	14723	14276	13464	13166	13731	13974	13576	13252

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	62
PAKA	48
PGPS	33
SRDG	6
TJGS	87
TNB Total	284
KLPP	53
MPSS	59
PGLA	63
PLPS	89
SGB3	49
SGRI	94
SKSP	54
YPGS	34
YPKA	127
IPP Total	622
Total Gas	906

Total Gas Required : 1,302
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	18
PGLA	50
PGPS	25
PKLG	135
PLPS	9
SGB3	30
SGRI	17
TJGS	112
Total	396

Generation Mix

Type	MWh	Percentage
ST-Coal	18,428.00	5.86 %
ST-Oil	1,422.00	0.45 %
Gas	35,850.00	11.40 %
Hydro	11,161.00	3.55 %
Distillate	17,508.00	5.57 %
Total TNB	84,369.0	26.84 %
ST-Coal	118,609.0	37.73 %
ST-Oil	13,295.0	4.23 %
Gas	84,180.0	26.78 %
Distillate	13,093.0	4.16 %
Total IPP	229,177.0	72.90 %
Co-Gen	1,339.0	0.43 %
Total Co-Gen	1,339.0	0.43 %
Total Generation	314,885.0	100.16 %
PLTG	-223.0	-0.07 %
HVDC	732.0	0.23 %
Interconnection	509.0	0.16 %
Net Energy	314,376.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	327
Hydro	165
Syncon	442
Thermal	15
Total	949

Weather Temperature

Time	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																						
PKLG	U003	275	276	276	276	276	276	275	277	275	275	275	275	272	274	276	276	275	275	274	277	276	274	275	276	276																					
PKLG	U004	271	269	271	270	265	269	269	268	268	268	266	269	266	268	268	268	268	270	271	271	271	271	269	269	266																					
PKLG	U005	462	462	462	461	464	463	463	462	461	461	461	462	459	462	461	462	463	463	463	463	462	462	464	464	464																					
PKLG	U006	463	461	461	464	461	461	461	463	460	462	462	462	462	462	462	462	462	461	461	463	463	462	462	460	462																					
JMJG	U001	689	691	691	691	692	689	689	688	690	690	691	691	690	692	691	691	689	690	694	689	689	691	691	690	689																					
JMJG	U002	689	692	690	564	500	440	394	318	217	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
TBIN	U001	694	696	690	694	695	694	696	693	695	700	692	694	694	695	695	695	694	694	692	694	694	695	691	694	694																					
TBIN	U002	694	698	696	694	696	693	698	699	694	700	696	697	699	696	696	697	694	695	696	698	697	697	696	695	696																					
TBIN	U003	697	696	691	692	696	697	697	695	696	698	695	696	698	698	697	696	698	694	695	696	695	696	698	697	696																					
JMAH	U001	704	703	699	703	702	702	706	703	705	706	703	704	701	705	701	701	703	703	702	703	703	703	703	703	702	702																				
JMAH	U002	703	696	700	705	702	703	707	703	709	702	706	705	703	705	704	705	703	703	703	705	704	704	702	693	707																					
Total ST-Coal		6341	6340	6327	6214	6149	6087	6054	5966	5856	5715	5645	5654	5656	5647	5649	5644	5645	5651	5653	5660	5652	5658	5634	5654	5652	5653	5658	5655	5646	5651	5647	5658	5652	5648	5653	5656	5651	5657	5657	5655	5650	5643	5655	5652	5645	5650
PGPS	U002	69	70	69	69	69	68	68	68	68	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69																					
PKLG	U001	266	266	266	265	265	283	283	283	283	283	283	283	283	283	283	283	283	284	284	284	284	284	284	284	284																					
PKLG	U002	277	277	277	259	273	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	278	277	277	277																					
Total ST-Oil		612	613	612	593	607	629	629	629	630	630	630	630	630	630	630	632	632	631	631	631	632	632	632	632	632	632	632	632	632	632	631	630	630	629	629	629	628	628	628	629	629	629	628	623		
CBPS	GT1A	100	90	89	90	89	90	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89																					
CBPS	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																					
CBPS	ST1C	100	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40																					
GLGR	GT01	34	73	89	105	104	104	105	105	104	104	103	104	105	106	104	104	104	103	103	102	102	101	101	101	102																					
GLGR	GT02	105	88	85	106	105	105	105	104	105	105	106	106	105	105	105	104	106	105	106	105	105	104	104	103	102																					
GLGR	ST1C	46	45	65	97	98	99	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98																					
KLPP	GT14	141	138	142	102	71	65	64	65	65	65	103	102	101	101	102	101	0	0	0	0	0	0	0	0	0																					
KLPP	GT15	150	145	143	114	68	69	69	68	69	68	112	113	112	113	112	112	145	145	144	144	144	142	143	143	143																					
KLPP	ST17	129	126	125	115	94	82	82	82	80	78	115	115	112	111	111	111	119	120	120	117	117	118	118	118	118																					
MPSS	GT01	105	103	105	105	105	105	81	60	61	62	95	106	105	104	105	103	103	104	104	104	103	104	104	103	102																					
MPSS	GT02	103	105	103	103	106	103	78	60	60	62	97	106	106	104	103	105	103	102	103	104	103	103	102	103	102																					
MPSS	ST01	109	110	109	110	109	109	89	56	56	55	85	109	109	109	110	109	110	110	112	112	112	112	112	112	112																					
PAKA	GT1A	83	83	83	83	83	62	62	62	63	63	82	82	83	83	81	64	68	83	83	83	83	83	83	83	83																					
PAKA	GT1B	85	85	85	86	86	62	62	61	63	85	85	85	83	61	69	85	84	84	85	85	85	85	84	84	85																					
PAKA	ST1C	80	80	79	79	80	68	68	67	67	67	79	80	80	80	80	80	80	80	80	80	80	81	81	81	81																					
PGLA	GT11	245	246	246	246	247	194	175	207	212	212	245	197	197	197	198	196	247	245	244	243	241	239	239	238	239																					
PGLA	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	0																					
PGLA	ST10	233	234	234	234	234	208	193	203	217	217	232	205	207	206	207	222	231	231	233	232	232	232	232	231	231																					
PGPS	GT3A	0	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	96	96	85	88	87	87	88	87	87	87	87	86	88	87	87	87	89	95	95	94	94	94	94	94	94																					
PGPS	ST3C	84	84	77	37	37	37	37	37	37	37	37	37	37	36	36	37	36	35	78	87	87	87	87	87	87																					
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	0																					
SGB3	GT32	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	144	148	145	147	147	147	146	146	146																					
SGB3	GT33	110	109	138	117	130	137	137	127	127	137	122	136	120	137	137	115	134	44	0	0	0	0	0	0	0																					
SGB3	ST34	139	67	74	70	67	75	73	69	70	74	69	73	71	75	75	67	81	127	143	204	204	204	204	204	204																					
SGRI	GT11	105	105	106	106	106	106	106	106	106	106	106	106	107	107	103	134	136	136	139	139	138	138	138	138	137																					
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	0																					
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																					
SGRI	ST14	65	65	65	65	63	63	66	66	66	64	67	67	61	65	64	61	67	78	133	141	203	203	204	207	204																					
SGRI	GT21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	67	133	133	132	132	132	133	133																					
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																					
SGRI	ST24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	66	55	108	145	145	149	149	147																					
YPSG	GT11	128	130	131	128	128	127	129	128	128	129	129	127	128	130	128	129	127	127	127	126	126	124	124	126	124	123																				

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
YPGS	ST10	69	70	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
YPKA	BLK1	350	350	350	354	354	354	354	356	356	358	358	355	355	356	356	356	356	353	353	352	352	351	351	350
YPKA	BLK2	359	359	359	359	359	359	359	356	356	358	358	356	356	356	356	358	358	354	354	353	353	352	351	351
PLPS	GT11	137	136	138	106	70	71	70	71	71	72	71	70	70	72	71	139	138	136	141	140	141	141	141	140
PLPS	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
PLPS	GT13	143	142	142	108	68	68	68	68	68	68	68	69	68	69	144	141	141	141	140	138	138	138	139	139
PLPS	ST18	144	142	143	129	103	100	100	100	100	99	100	100	100	105	104	148	194	207	206	205	204	204	204	204
SKSP	BLK1	251	247	289	213	231	251	257	234	223	287	243	254	218	237	246	215	311	301	341	212	345	338	337	330
TJGS	GT1A	150	150	0	0	0	0	0	0	0	0	0	0	0	0	135	190	223	223	223	223	220	220	220	220
TJGS	GT1B	138	138	185	220	125	127	131	131	128	128	126	126	126	127	127	127	126	126	177	209	209	209	209	209
TJGS	ST1C	188	76	100	110	81	77	77	77	77	81	81	81	81	81	85	81	101	203	243	246	246	246	246	246
Total CCGT-Gas		4620	4257	4274	4094	3797	3673	3583	3514	3515	3594	3855	3870	3822	3868	3876	3766	4179	4626	4906	5180	5385	5489	5591	5579
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
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	GT04	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 OGT-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
BSIA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY02	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
BSIA	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEND	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY02	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
KNYR	HY01	96	0	0	0	0	0	0	0	0	0	0	60	97	96	96	96	96	96	96	96	96	96	96	96
KNYR	HY02	98	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	98	94	98	98	98	98	98	98
KNYR	HY03	97	0	0	0	0	0	0	0	0	0	0	0	0	0	97	97	95	97	97	97	97	97	97	97
KNYR	HY04	96	98	52	60	74	98	99	77	61	99	61	88	64	70	89	52	68	60	96	56	96	96	96	96
LPYA	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
MNOR	HY01	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	62	61	51	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		539	248	192	148	162	186	187	165	149	212	149	176	152	180	177	140	216	474	513	457	512	646	769	898
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
PGLA	GT12	220	220	221	222	221	195	176	207	211	212	222	198	197	197	197	197	223	220	220	219	216	216	215	217
PGPS	GT3A	83	83	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*Daily MW Generation On Thursday**02-Aug-2012*

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
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