

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,295 MW
Hydro	1,810 MW
Distillate	0 MW
Total TNB	7,245 MW
Total IPP	10,595 MW
Total Co-Gen	80 MW
System Total	17,920 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30	
TNB Generation	5,702 MW
IPP Generation	7,634 MW
Total Set On Bus	14,213 MW
Maximum Demand	13,356 MW
Spinning Reserve	797 MW
Net Energy	288,836 MWH
Load Factor	90.1 %

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	12609	11721	11427	11069	10612	10703	10456	10516	10391	11539	12341	13021	12918	12534	12771	12772	12679	12321	12167	12582	13194	13042	12721	12476

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	65
PAKA	100
PGPS	51
SRDG	25
TJGS	113
TNB Total	411
KLPP	108
MPSS	57
PDPS	9
PGLA	112
PKLG	0
PLPS	99
PTEK	7
SGRI	215
SKSP	40
YPKA	131
IPP Total	779
Total Gas	1,190

Total Gas Required : 1,190
Gas Calorific Value : 38.500
Generation Mix

Type	MWh	Percentage
ST-Coal	49,450.00	17.12 %
Gas	51,729.00	17.91 %
Hydro	10,489.00	3.63 %
Total TNB	111,668.0	38.67 %
ST-Coal	74,789.0	25.90 %
ST-Gas	29.0	0.01 %
Gas	101,089.0	35.00 %
Total IPP	175,907.0	60.91 %
Co-Gen	1,948.0	0.67 %
Total Co-Gen	1,948.0	0.67 %
Total Generation	289,523.0	100.25 %
HVDC	723.0	0.25 %
Interconnection	723.0	0.25 %
Net Energy	288,800.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	220
Hydro	150
Syncon	467
Thermal	72
Total	909

Weather Temperature

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	34

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 Co-Gen	81	81	79	83	82	81	82	84	80	82	82	83	81	81	82	82	81	81	78	80	81	80	82	82	81	82	81	82	80	82	80	81	80	80	81	82	80												
Total Gen	12519	12026	11661	11682	11401	11367	11041	10937	10667	10568	10624	10695	10521	10702	10576	10417	10434	11005	11631	12068	12453	12646	13090	13040	12973	12557	12517	12695	12789	12841	12828	12833	12695	12698	12424	12218	12209	12260	12598	13416	13286	13317	13167	12984	12825	12578	12525	12292	
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
TIE-HVDC	30	30	30	30	30	30	30	30	30	30	30	30	32	32	30	30	29	29	29	29	31	31	30	30	30	30	29	29	30	30	30	30	31	31	31	31	30	30	30	30	30	30	30	30	31	31	30	30	
TIE-PLTG	-121	1	-91	-33	-57	11	-59	-42	24	-84	-110	94	32	10	29	6	13	-45	62	18	80	-106	38	-10	24	8	-47	-57	-13	12	25	-26	-16	-21	71	85	11	-35	-15	30	62	42	95	6	72	-105	18	-52	
Interconnection	-91	31	-61	-3	-27	41	-29	-12	54	-54	-80	124	64	-42	59	36	42	-16	91	47	111	-75	68	20	54	38	-18	86	17	42	55	56	15	10	102	116	41	-5	15	60	92	72	125	36	103	-74	48	-22	
System Total	12610	11995	11722	11605	11428	11326	11070	10949	10613	10622	10704	10571	10457	10660	10517	10381	10392	11021	11540	12021	12342	12721	13022	13020	12919	12519	12535	12609	12772	12799	12773	12777	12680	12688	12322	12102	12168	12205	12583	13356	13194	13245	13042	12948	12722	12652	12477	12314	
SRev ST-Coal	115	89	100	86	97	86	90	92	108	98	91	106	89	104	95	104	106	98	101	96	81	75	86	96	107	97	108	108	99	98	88	103	113	87	87	91	140	165	165	170	91	72	63	64	65	59	64	66	
SRev ST-Gas	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 CCGT-Gas	118	457	623	332	529	571	916	1015	1241	1367	1323	1221	1409	1334	1354	1503	1483	1279	852	426	321	247	152	193	218	431	456	251	185	208	229	208	197	198	361	456	484	443	109	106	166	92	203	174	210	77	112	63	
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	41	-2	-4	-3	-3	-2	-2	-4	-4	-1	-5	-5	0	0	0	0	0	127	15	21	17	16	7	102	46	44
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	0	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	726	726	726	726	726	726	575	575	726	726	726	726	575	726	726	726	726	726	726	726	625	625	474	474	625	625	625	474	625	625	625	625	625	625	625	625	625	625	625	474	86	474	625	625	625	474	625	474	625
Hydro	114	135	112	128	130	134	252	257	130	115	110	136	131	159	133	136	137	127	135	129	112	95	273	316	200	210	111	265	100	133	145	147	160	181	187	193	127	111	154	308	388	131	174	240	262	75	163	92	
S.Reserve Total	1105	1407	1561	1272	1482	1517	1833	1939	2205	2306	2250	2189	2355	2172	2308	2469	2452	2230	1814	1377	1139	1042	1026	1077	1146	1360	1297	1106	1017	1070	1083	1082	1090	1086	1260	1365	1376	1344	902	797	1134	941	1082	1119	1018	938	859	890	