

### Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	3,625 MW
Hydro	1,865 MW
Distillate	0 MW
<b>Total TNB</b>	<b>7,700 MW</b>
<b>Total IPP</b>	<b>11,669 MW</b>
<b>Total Co-Gen</b>	<b>86 MW</b>
<b>System Total</b>	<b>19,455 MW</b>

### Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,754 MW
IPP Generation	9,794 MW
Total Set On Bus	16,436 MW
Maximum Demand	15,621 MW
Spinning Reserve	802 MW
Net Energy	316,033 MWH
Load Factor	84.3 %

### Maximum Demand Record

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

### Daily 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
em Total	11930	11495	11140	10681	10492	10274	10380	10933	11421	13220	14278	15093	15143	14750	15375	15609	15522	14976	13840	13429	14566	14413	13912	13410

### Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	56
PAKA	64
PGPS	23
SRDG	26
TJGS	103
<b>TNB Total</b>	<b>319</b>

KLPP	72
MPSS	48
PDPS	1
PGLA	90
PKLG	4
PLPS	88
SGRI	193
SKSP	50
YPGS	54
YPKA	120
<b>IPP Total</b>	<b>721</b>
<b>Total Gas</b>	<b>1,040</b>

Total Gas Required : 1,159  
Gas Calorific Value : 38.500

### Alternate Fuel Usage

Station	(mmscfd)
PGPS	14
PKLG	106
<b>Total</b>	<b>120</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	49,159.00	15.56 %
ST-Oil	1,294.00	0.41 %
Gas	38,776.00	12.27 %
Hydro	17,166.00	5.43 %
<b>Total TNB</b>	<b>106,395.0</b>	<b>33.67 %</b>
ST-Coal	100,926.0	31.94 %
ST-Gas	1,465.0	0.46 %
ST-Oil	10,285.0	3.25 %
Gas	93,814.0	29.68 %
<b>Total IPP</b>	<b>206,490.0</b>	<b>65.34 %</b>
Co-Gen	2,290.0	0.72 %
<b>Total Co-Gen</b>	<b>2,290.0</b>	<b>0.72 %</b>
<b>Total Generation</b>	<b>315,175.0</b>	<b>99.73 %</b>
PLTG	-250.0	-0.08 %
HVDC	-608.0	-0.19 %
<b>Interconnection</b>	<b>-858.0</b>	<b>-0.27 %</b>
<b>Net Energy</b>	<b>316,033.0</b>	<b>100.00 %</b>

### Average SR During Peak Hour

Type	MW
GT	445
Hydro	177
Syncon	341
Thermal	62
<b>Total</b>	<b>1025</b>

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	36





### Daily MW Generation On Monday

11-Mar-2013

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																											
GR	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																											
GR	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																											
IA	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																											
al Hydro		434	434	435	433	439	441	436	444	503	442	444	541	539	540	550	548	555	543	614	936	835	1136	1323	1420	1281	956	885	919	1097	1198	961	938	909	827	695	645	600	580	571	582	829	906	855	861	791	682	545	544			
UF	CUFG	51	54	52	51	51	53	53	52	52	52	52	52	52	53	53	52	53	51	53	53	53	52	53	52	52	52	52	52	52	52	52	52	52	52	51	52	53	52	54	53	52	52	51	52	52	53	53				
UF	CUFK	37	39	40	38	38	39	38	39	39	38	40	37	40	38	39	41	41	38	40	40	37	36	35	36	35	32	30	31	31	33	31	30	32	32	34	34	34	34	35	35	34	34	34	35	34	36	35	38			
al Co-Gen		88	93	92	89	89	92	91	91	91	90	92	89	92	90	89	87	89	87	85	81	84	84	86	83	83	84	84	86	83	83	84	84	86	85	86	85	86	87	87	89	87	86	86	86	86	88	88	91			
al Gen		11919	11704	11501	11214	11129	10535	10607	10432	10342	10305	10288	10442	10469	10781	10828	10898	11307	12479	13157	13864	14216	14706	14982	15122	15089	14645	14692	14852	15313	15634	15543	15426	15535	15343	14972	14455	13801	13498	13429	14028	14548	14456	14400	14256	13887	13658	13421	13175			
E-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	
E-HVDC		31	30	30	-30	-28	-29	-29	-30	-30	-28	-28	-29	-29	-29	-29	-30	-30	-28	-28	-28	-29	-28	-28	-28	-28	-30	-30	-28	-28	-28	-28	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-28	-30	-29			
E-PLTG		-42	-11	-24	52	17	-127	-45	102	-120	-72	42	-44	118	78	-76	82	-85	-19	-33	-28	-33	-38	-83	-8	-25	-13	-27	-33	-34	42	-38	-43	41	-2	24	-1	-9	-40	29	-76	11	-29	16	-79	5	-101	41	19			
Interconnection		-11	19	6	22	-11	-156	-74	72	-150	-100	14	-73	89	49	-105	53	-114	-49	-63	-57	-62	-66	-111	-37	-54	-41	-58	-63	-62	13	-66	-73	13	-30	-4	-31	-39	-69	0	-105	-18	-58	-13	-109	-25	-129	11	-10			
System Total		11930	11685	11495	11192	11140	10691	10681	10360	10492	10405	10274	10515	10380	10732	10933	10845	11421	12528	13220	13921	14278	14772	15093	15159	15143	14686	14750	14915	15375	15621	15609	15499	15522	15373	14976	14486	13840	13567	13429	14133	14566	14514	14413	14365	13912	13787	13410	13185			
ev ST-Coal		27	28	22	28	25	194	36	225	330	329	333	339	341	343	329	137	12	24	28	37	23	38	27	21	39	27	87	31	18	50	30	44	20	25	27	116	132	126	94	123	117	134	122	135	121	126	116	130			
ev ST-Oil		15	13	14	14	14	48	59	60	59	58	58	60	59	59	58	60	59	15	11	13	14	15	29	29	29	29	29	17	15	15	15	15	15	15	15	15	15	15	15	17	15	16	14	16	17	15	18	13	17		
ev CCGT-Gas		692	912	1123	1393	1488	1870	1845	1836	1853	1924	1941	1872	1845	1530	1509	2069	2045	1140	1013	786	738	455	568	572	341	472	289	270	270	260	266	369	251	287	371	302	807	1098	1212	599	328	481	376	441	668	780	485	266			
ev 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ev 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	0	0
ncon		625	625	625	625	625	625	474	323	625	625	625	625	625	625	625	625	625	625	625	323	474	323	172	172	172	323	474	474	323	172	323	474	474	474	625	625	625	625	625	625	474	474	474	474	474	625	625	625			
dro		91	91	90	92	86	84	89	232	324	83	191	94	96	95	85	87	80	92	121	201	151	151	260	163	302	331	251	217	192	242	328	200	229	161	92	92	87	107	114	103	159	232	233	227	247	205	90	91			
Reserve Total		1450	1669	1874	2152	2238	2821	2654	2827	2889	3019	3148	2990	2967	2652	2607	2976	2822	1940	1802	1358	1399	1071	1072	987	913	1212	1159	1082	1019	802	1099	1226	1116	1048	1166	1241	1716	1971	2062	1465	1094	1335	1221	1294	1525	1754	1329	1129			