

Availability At Daily Maximum Demand Hour

ST-Coal	690	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	3,111	MW
Hydro	1,819	MW
Distillate	1,060	MW
Total TNB	6,680	MW
Total IPP	11,482	MW
Total Co-Gen	76	MW
System Total	18,238	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	4,997 MW
IPP Generation	10,459 MW
Total Set On Bus	16,440 MW
Maximum Demand	15,573 MW
Spinning Reserve	908 MW
Net Energy	323,068 MWH
Load Factor	86.4 %

Maximum Demand Record

Date :	16/05/2012	15,723.0 MW
Date :	05/06/2012	326,048.0 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	13038	12414	11994	11549	11299	11083	11031	11168	11854	13513	14521	14997	15028	14580	15116	15430	15573	15167	14068	13879	14494	14351	14083	13698

Gas Usage

Station	(mmscfd)
GLGR	42
PAKA	144
PGPS	51
SRDG	1
TJGS	119
TNB Total	356
KLPP	69
MPSS	62
PGLA	93
PLPS	113
SGB3	45
SGRI	133
SKSP	57
YPKA	128
IPP Total	700
Total Gas	1,057

Alternate Fuel Usage

Station	(mmscfd)
CBPS	3
KLPP	25
PDPS	42
PKLG	68
PTEK	33
SGB3	43
SGRI	39
SRDG	31
TJGS	75
Total	359

Generation Mix

Type	MWh	Percentage
ST-Coal	24,653.00	7.63 %
Gas	45,203.00	13.99 %
Hydro	19,146.00	5.93 %
Distillate	13,693.00	4.24 %
Total TNB	102,695.0	31.79 %
ST-Coal	101,279.0	31.35 %
ST-Oil	6,697.0	2.07 %
Gas	91,213.0	28.23 %
Distillate	19,399.0	6.00 %
Total IPP	218,588.0	67.66 %
Co-Gen	2,207.0	0.68 %
Total Co-Gen	2,207.0	0.68 %
Total Generation	323,490.0	100.13 %
PLTG	-303.0	-0.09 %
HVDC	725.0	0.22 %
Interconnection	422.0	0.13 %
Net Energy	323,068.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	379
Hydro	198
Syncon	328
Thermal	60
Total	966

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 33

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																									
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																									
PDPS	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																									
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	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																									
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	127	127	127	26	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																									
SGRI	GT21	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	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																									
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																									
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	236	234	234	232	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																									
TJGS	ST2C	118	117	117	117	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																									
Total Distillate		481	478	478	375	78	0	0	0	0	0	0	0	0	31	188	307	1085	1336	1977	1993	2190	2182	2181	2174	2177	2182	2501	2493	2497	2490	2497	2495	2314	2020	1961	1965	1962	1969	1758	1598	1437	1337	1195	1081	1083				
PCUF	CUFG	52	52	52	53	52	52	50	52	52	52	51	53	48	51	53	52	52	52	51	52	51	52	51	52	51	50	49	49	49	47	48	49	48	48	50	51	50	50	51	51	49	50	50	50	48	50			
PCUF	CUFK	39	39	38	39	38	37	36	37	37	37	37	36	38	36	38	39	38	37	37	37	34	32	29	29	28	27	28	28	30	29	30	30	28	29	28	30	30	32	33	32	33	36	38	39	38	38	39	39	
Total Co-Gen		91	91	90	92	90	89	86	89	89	89	88	89	86	87	91	91	91	89	89	89	85	84	80	81	79	79	79	78	79	78	79	77	76	78	76	78	80	83	83	82	84	87	87	89	88	88	87	89	
Total Gen		13094	12829	12522	12328	12021	11814	11620	11518	11289	11132	11086	11067	11096	11215	11235	11380	11918	13057	13636	14090	14489	14794	15056	15091	15126	14832	14763	14752	15062	15369	15481	15482	15532	15500	15146	14582	14066	13727	13886	14441	14529	14526	14377	14281	14016	13834	13682	13468	
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	
TIE-HVDC		31	31	30	30	30	30	30	31	31	31	31	31	29	29	30	30	30	31	31	31	31	30	30	30	30	29	29	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
TIE-PLTG		25	1	78	14	-3	-49	41	-3	-41	-55	-28	40	34	55	38	41	34	156	93	-20	-63	-45	28	-102	68	30	152	-28	-84	-71	22	-45	-72	-37	-51	-64	-32	-46	-23	-37	5	-67	-4	-107	-97	-38	-46	69	
Interconnection		56	32	108	44	27	-19	71	27	-10	-24	3	71	65	86	67	70	64	186	123	10	-32	-14	59	-71	98	60	183	2	-54	-41	51	-16	-41	-6	-21	-34	-2	-16	7	-7	35	-37	26	-77	-67	-8	-16	99	
System Total		13038	12797	12414	12284	11994	11833	11549	11491	11299	11156	11083	10996	11031	11129	11168	11310	11854	12871	13513	14080	14521	14808	14997	15162	15028	14772	14580	14750	15116	15410	15430	15498	15573	15506	15167	14616	14068	13743	13879	14448	14494	14563	14351	14358	14083	13842	13698	13369	
SRev ST-Coal		58	55	61	57	66	51	48	55	49	47	48	55	43	67	43	41	57	67	50	50	58	71	67	74	67	75	98	144	75	65	149	66	66	50	38	44	43	44	40	44	62	56	42	45	76	-41	30	36	
SRev ST-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
SRev ST-Oil		5	5	19	13	15	15	14	14	14	14	15	15	14	14	15	15	15	6	3	4	2	2	2	3	1	3	3	5	5	8	8	8	8	8	3	3	2	2	2	2	6	6	7	6	5	0	-11	6	
SRev CCGT-Gas		469	608	449	377	578	1199	1208	1351	1568	1714	1760	1766	1772	1733	1447	1754	1423	1053	756	479	401	207	171	175	198	177	252	226	198	240	238	266	258	253	266	295	359	675	522	343	392	371	301	352	425	546	460	661	
SRev OCGT-Gas		90	90	71	0	0	0	0	0	0	0	0	0	0	0	116	2	4	5	6	6	2	4	3	4	3	4	6	10	41	6	9	6	7	8	7	7	5	6	6	6	5	5	4	21	51	51			
SRev Distillate		129	132	132	235	272	0	0	0	0	0	0	0	0	0	109	232	113	35	242	99	173	84	92	93	100	97	202	221	119	115	122	115	117	178	148	99	95	98	91	82	132	53	43	185	39	37			
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	
Syncon		625	625	474	625	625	474	625	625	625	625	474	474	474	474	474	625	625	625	0	453	302	453	302	453	453	453	151	0	302	151	302	302	453	539	625	625	625	539	539	539	625	625	474	625	625	625			
Hydro		278	114	259	174	110	133	168	123	141	154	151	158	284	181	452	382	384	275	254	157	505	290	195	194	284	440	403	395	181	477	225	347	143	176	128	186	163	129	143	149	137	73	141	132	270	216	139	163	
S.Reserve Total		1654	1629	1465	1481	1666	1872	2063	2168	2397	2554	2599	2619	2587	2469	2431	2666	2578	2267	1808	1354	1216	1128	912	986	949	1243	1312	1322	818	1018	1082	959	908	910	1012	1253	1347	1581	1432	1181	1233	1133	1253	1218	1347	1552	1333	1579	