

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,258	MW
Hydro	1,824	MW
Distillate	0	MW
Total TNB	7,612	MW
Total IPP	11,042	MW
Total Co-Gen	71	MW
System Total	19,285	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,659	MW
IPP Generation	9,677	MW
Total Set On Bus	16,293	MW
Maximum Demand	15,369	MW
Spinning Reserve	886	MW
Net Energy	322,785	MWH
Load Factor	87.5	%

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	13415	12717	12210	11814	11572	11707	11624	11568	11859	13377	14450	14979	14847	14644	15155	15169	15092	14631	13684	13409	13550	13922	13764	13601

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	58
PAKA	44
PGPS	42
SRDG	44
TJGS	218
TNB Total	464
KLPP	111
MPSS	60
PGLA	112
PKLG	5
PLPS	117
SGB3	93
SGRI	139
SKSP	55
YPGS	34
YPKA	129
IPP Total	855
Total Gas	1,319

Total Gas Required : 1,319
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	33,077.00	10.25 %
Gas	60,338.00	18.69 %
Hydro	13,168.00	4.08 %
Total TNB	106,583.0	33.02 %
ST-Coal	102,990.0	31.91 %
Gas	111,910.0	34.67 %
Total IPP	214,900.0	66.58 %
Co-Gen	2,069.0	0.64 %
Total Co-Gen	2,069.0	0.64 %
Total Generation	323,552.0	100.24 %
PLTG	36.0	0.01 %
HVDC	731.0	0.23 %
Interconnection	767.0	0.24 %
Net Energy	322,785.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	341
Hydro	196
Syncon	386
Thermal	31
Total	954

Weather		Temperature
Morning	Cloudy	25
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																									
PLPS	GT11	123	137	118	116	126	137	132	137	137	116	139	115	120	116	140	117	120	137	137	136	134	137	136	133	114	131	127	135	133	133	133	133	133	131	133	132	121	134	133	133	134	131							
PLPS	GT12	125	143	121	117	130	142	135	143	140	118	142	119	124	120	143	120	122	139	143	141	140	140	140	139	117	135	131	138	139	139	139	139	139	133	139	139	125	140	139	141	140	136	140	127	140	142	135		
PLPS	GT13	119	136	115	110	124	136	130	137	130	113	136	112	115	111	137	111	115	131	135	136	137	134	135	136	110	126	125	133	135	136	135	133	130	127	134	130	117	131	135	136	134	130	137	118	135	133	126		
PLPS	ST18	205	212	207	200	212	212	208	212	213	206	211	200	205	201	213	203	202	210	213	213	213	212	211	210	202	208	204	211	211	211	212	211	211	210	210	210	211	202	209	209	212	212	212	211	207	211	210	210	
SKSP	BLK1	336	327	339	335	213	212	212	213	214	214	214	214	216	217	203	324	334	338	335	338	334	333	334	335	335	329	335	333	335	334	330	328	333	332	329	330	237	324	332	331	328	333	335	336	335	340	339		
TJGS	GT1A	223	223	223	223	223	223	223	223	223	223	223	223	223	223	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222			
TJGS	GT1B	217	217	217	220	220	220	217	217	217	220	220	220	220	217	186	208	207	215	219	219	219	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216		
TJGS	ST1C	254	254	254	254	254	254	254	254	254	254	254	254	254	225	236	236	247	254	254	254	254	254	254	254	254	254	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251			
TJGS	GT2A	205	204	207	206	207	206	206	202	201	201	201	181	182	206	162	183	182	206	206	205	204	204	205	205	204	205	205	203	203	203	202	202	203	204	203	204	204	202	203	204	205	206	206	205	206	207	206	204	
TJGS	GT2B	217	214	216	219	218	219	198	199	199	198	178	181	217	162	180	180	216	216	216	216	216	216	216	216	216	216	215	213	213	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212		
TJGS	ST2C	261	261	262	262	262	245	262	251	251	251	241	240	263	226	240	239	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261		
Total CCGT-Gas		7323	6872	6721	6645	6168	5896	5804	5702	5689	5627	5719	5590	5598	5764	5690	5629	6048	6834	7482	7633	7680	7688	7666	7742	7664	7719	7679	7762	7761	7753	7753	7758	7702	7709	7692	7747	7624	7285	7343	7482	7540	7562	7526	7358	7251	7342	7272	7047	
PKLG	GT08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PKLG	GT09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	
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	
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	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	
Total 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
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	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	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
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	0	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	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
CEND	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
CEND	HY03	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
KNRG	HY01	32	34	32	28	32	34	32	32	33	30	32	30	33	34	35	31	31	32	33	33	34	33	34	34	32	32	32	33	34	34	32	33	31	31	32	32	33	36	36	36	36	36	36	36	36	36	36	36	36
KNYR	HY01	64	97	57	46	73	98	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY02	61	98	61	45	89	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
KNYR	HY03	95	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNYR	HY04	96	97	97	86	97	97	97	87	88	51	99	57	99	99	99	53	60	86	92	97	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
LPIA	HY01	22	22	21	21	22	22	21	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
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	-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	0	0	0																																														

Daily MW Generation On Wednesday

15-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																										
Total Hydro		434	422	332	279	377	323	314	193	199	152	210	179	213	216	221	157	164	194	264	591	833	881	1018	1024	1008	763	807	832	1049	1237	1233	1039	980	868	570	491	308	209	202	213	227	756	673	804	751	790	590	474		
PCUF	CUFK	50	50	50	51	51	52	52	51	53	53	53	52	52	52	52	53	50	49	49	49	49	48	48	48	48	48	48	49	48	50	49	49	50	49	45	48	50	49	51	53	52	52	52	53	52	53				
PCUF	CUFK	27	28	26	27	27	24	26	28	27	28	28	27	27	26	27	27	27	27	27	26	25	27	24	25	26	27	23	21	21	23	23	23	23	24	25	29	40	40	40	39	41	40	39	35	36	40	41	39		
Total Co-Gen		77	78	76	78	78	76	78	79	80	79	80	81	80	79	78	79	79	79	79	80	76	74	76	73	74	74	75	71	69	70	71	73	72	72	74	74	74	88	90	89	90	94	92	91	87	88	93	93	92	
Total Gen		13516	13057	12813	12681	12300	11973	11891	11656	11648	11536	11693	11543	11569	11719	11627	11566	11988	12780	13503	13978	14431	14693	14967	14947	14912	14646	14707	14823	15143	15407	15195	15236	15097	14971	14668	14091	13708	13363	13411	13468	13545	14081	13967	13926	13767	13903	13636	13291		
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		31	31	30	30	31	31	31	31	30	30	31	31	31	31	31	31	31	31	30	30	31	31	30	30	30	30	30	30	30	31	31	30	30	30	30	30	30	30	30	30	31	31	31	31	30	30	30	30		
TIE-PLTG		70	32	66	150	59	15	46	25	46	73	-45	-70	-86	-84	28	80	98	40	96	-28	-50	-64	-42	-52	35	-5	33	-17	-42	8	-5	-62	-25	-9	7	-38	-6	18	-28	3	-36	18	14	-86	-27	-51	5	-25		
Interconnection		101	63	96	180	90	46	77	56	76	103	-14	-39	-55	-53	59	111	129	71	126	2	-19	-33	-12	-22	65	25	63	13	-12	38	26	-31	5	21	37	-8	24	48	2	33	-5	49	45	-55	3	-21	35	5		
System Total		13415	12994	12717	12501	12210	11927	11814	11600	11572	11433	11707	11582	11624	11772	11568	11455	11859	12709	13377	13976	14450	14726	14979	14969	14847	14621	14644	14810	15155	15369	15169	15267	15092	14950	14631	14099	13684	13315	13409	13435	13550	14032	13922	13981	13764	13924	13601	13286		
SRev ST-Coal		28	25	26	31	33	32	15	28	30	32	26	17	32	50	72	9	13	37	33	32	38	15	48	21	20	36	36	26	27	22	49	29	52	72	62	29	29	29	31	27	26	39	33	33	33	32	29	32		
SRev ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		292	723	874	860	1337	1539	1631	1733	1746	1808	1716	1845	1837	1671	1700	1761	1482	901	463	412	385	377	399	323	401	346	386	303	304	312	312	307	363	356	373	318	441	680	622	483	425	403	229	177	284	193	263	488		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	198	17	62	192	134	195	134	134	30	34	202	4	5	8	6	160	-7	2	2	0	0	0	0	0	0	0	0	0	0	0	
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	0
Syncon		625	625	625	625	625	726	676	726	726	726	726	575	726	726	726	726	726	726	625	625	453	453	302	302	302	388	388	388	302	151	302	453	303	453	539	625	726	726	726	726	726	474	625	625	474	323	474	625		
Hydro		167	79	169	222	124	77	236	101	95	142	84	266	81	78	73	137	130	100	131	111	213	165	179	173	189	348	469	444	398	361	214	257	318	130	392	106	86	85	92	81	69	292	224	93	295	257	306	121		
S.Reserve Total		1112	1452	1694	1738	2119	2374	2558	2594	2603	2714	2558	2709	2682	2531	2577	2639	2357	1770	1258	1186	1293	1033	996	1017	1052	1319	1419	1301	1067	886	1085	1056	1047	1025	1378	1244	1281	1528	1479	1323	1252	1214	1117	934	1092	896	1078	1272		