

Availability At Daily Maximum Demand Hour

ST-Coal	2,030	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,104	MW
Hydro	1,647	MW
Distillate	0	MW
Total TNB	7,781	MW
Total IPP	10,744	MW
Total Co-Gen	0	MW
System Total	18,810	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30

TNB Generation	4,170	MW
IPP Generation	9,130	MW
Total Set On Bus	14,428	MW
Maximum Demand	13,396	MW
Spinning Reserve	1,058	MW
Net Energy	290,119	MWH
Load Factor	90.2	%
Total Cost	36,854,851	RM
Cost per Unit	13.09	cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 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	13081	12670	12234	11714	11497	11246	11171	10963	10331	10955	11690	12146	12256	12275	12426	12454	12424	12072	11844	12037	13293	13379	13093	12900

Gas Usage

Station	(mmscfd)
GLGR	59
PGPS	24
TJGS	191
TNB Total	275
KLPP	79
MPSS	51
PGLA	103
PLPS	83
SGRI	174
SKSP	16
YPGS	65
YPKA	128
IPP Total	698
Total Gas	973
Total Gas Required :	973
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	47,869.00	16.50 %
Gas	38,081.00	13.13 %
Hydro	7,118.00	2.45 %
Total TNB	93,068.0	32.08 %
ST-Coal	101,850.0	35.11 %
Gas	91,812.0	31.65 %
Total IPP	193,662.0	66.76 %
Co-Gen	1,869.0	0.64 %
Total Co-Gen	1,869.0	0.64 %
Total Generation	288,599.0	99.49 %
PLTG	-783.0	-0.27 %
HVDC	-703.0	-0.24 %
Interconnection	-1,486.0	-0.51 %
Net Energy	290,085.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	367
Hydro	130
Syncon	676
Thermal	52
Total	1224

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	35



Daily MW Generation On Sunday

10-Aug-2014

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																										
TJGS	ST2C	263	263	263	263	263	263	263	215	217	217	217	217	217	240	240	265	262	262	262	262	262	262	262	262	262	240	238	238	238	263	263	263	263	263	261	258														
Total CCGT-Gas		6531	6278	6073	5614	5467	5241	4933	4781	4626	4509	4406	4338	4337	4352	4203	3837	3723	3983	4214	4531	5096	5394	5588	5685	5735	5687	5725	5836	5718	5980	5801	5814	5857	5768	5553	5374	5317	5219	5365	5994	6536	6690	6708	6619	6432	6252	6125	5957		
Total Hydro		322	316	321	437	439	435	425	433	461	435	469	447	447	453	387	390	391	291	408	319	162	165	170	275	259	192	169	167	262	165	166	144	145	144	147	142	141	191	194	227	339	343	340	353	256	320	309	328		
Total Co-Gen		83	83	80	85	84	82	84	85	84	83	81	84	85	83	86	83	86	83	84	84	83	83	83	83	77	70	72	71	71	72	72	71	73	73	74	73	75	75	73	70	70	68	73	75	76	73	75			
Total Gen		13085	12750	12603	12285	12175	11951	11670	11531	11433	11293	11216	11125	11136	11167	10934	10436	10265	10634	10970	11215	11619	11917	12026	12220	12226	12179	12234	12336	12321	12487	12316	12309	12543	12273	12040	11867	11789	11747	11913	12569	13228	13370	13386	13333	13038	12940	12788	12618		
Interconnection		-76	-28	-67	-20	-59	9	-44	-61	-64	-51	-30	-111	-35	-66	-29	-48	-66	-63	15	-112	-71	-32	-120	-78	-30	-8	-41	-98	-105	-64	-138	-170	-81	-160	-32	-80	-55	-21	-124	-58	-65	-26	7	-29	-55	-69	-112	-53		
System Total		13081	12778	12670	12305	12234	11942	11714	11592	11497	11344	11246	11236	11171	11233	10963	10484	10331	10697	10955	11327	11690	11949	12146	12298	12256	12187	12275	12434	12426	12551	12454	12479	12424	12433	12072	11947	11844	11768	12037	12627	13293	13396	13379	13362	13093	13009	12900	12671		
SRev ST-Coal		66	62	56	66	50	82	67	63	55	51	57	61	50	38	59	191	252	40	53	96	39	42	100	34	55	89	48	55	48	47	40	37	49	29	54	44	63	59	42	46	38	54	51	33	46	29	40	63		
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	0
SRev CCGT-Gas		316	350	281	317	324	200	508	660	815	932	1035	1103	1104	1089	1238	1604	1718	1458	1227	1264	699	401	207	250	269	457	488	377	495	233	412	399	356	445	660	839	896	994	1136	857	446	292	274	363	550	521	234	333		
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	0	0	0	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 Co-Gen		-7	-7	-4	-9	-8	-6	-8	-9	-8	-7	-5	-8	-9	-7	-10	-7	-10	-7	-8	-8	-7	-7	-7	-1	6	4	5	5	4	4	4	5	3	3	3	2	3	1	1	3	6	6	8	3	1	0	3	1		
Syncon		719	719	719	618	618	618	618	467	618	467	618	618	618	618	618	618	618	618	467	618	719	719	719	568	719	719	719	719	637	719	568	719	720	720	720	720	720	720	720	720	720	569	619	619	619	619	720	569	720	569
Hydro		109	115	110	120	118	122	132	124	247	122	239	110	110	104	120	117	116	216	250	188	144	141	136	182	97	164	137	139	126	141	264	135	133	134	132	137	138	138	135	253	91	87	90	77	73	210	70	202		

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																								
S.Reserve Total		1203	1239	1162	1112	1102	1016	1317	1456	1576	1716	1793	1884	1873	1842	2025	2523	2694	2325	1989	2098	1594	1296	1155	1033	1146	1433	1397	1295	1310	1144	1288	1295	1261	1331	1569	1742	1820	1912	2034	1728	1200	1058	1042	1095	1390	1329	1067	1168