

Availability At Daily Maximum Demand Hour

ST-Coal	2,030	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,452	MW
Hydro	1,904	MW
Distillate	0	MW
Total TNB	8,386	MW
Total IPP	10,795	MW
Total Co-Gen	0	MW
System Total	19,745	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00

TNB Generation	4,716	MW
IPP Generation	8,818	MW
Total Set On Bus	14,500	MW
Maximum Demand	13,588	MW
Spinning Reserve	901	MW
Net Energy	287,159	MWH
Load Factor	88.1	%
Total Cost	36,761,627	RM
Cost per Unit	13.20	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	11302	10795	10454	10179	9913	9785	9805	9873	10365	11911	12797	13231	13185	12948	13379	13588	13509	13238	12469	12243	13301	13232	12845	12518

Gas Usage

Station	(mmscfd)
GLGR	65
PGPS	38
SRDG	5
TJGS	223
TNB Total	330
KLPP	105
MPSS	48
PGLA	102
PLPS	98
SGRI	97
SKSP	37
YPGS	68
YPKA	121
IPP Total	675
Total Gas	1,006
Total Gas Required :	1,006
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	45,186.00	15.74 %
Gas	45,818.00	15.96 %
Hydro	8,621.00	3.00 %
Total TNB	99,625.0	34.69 %
ST-Coal	96,548.0	33.62 %
Gas	89,134.0	31.04 %
Total IPP	185,682.0	64.66 %
Co-Gen	1,731.0	0.60 %
Total Co-Gen	1,731.0	0.60 %
Total Generation	287,038.0	99.96 %
PLTG	-850.0	-0.30 %
HVDC	729.0	0.25 %
Interconnection	-121.0	-0.04 %
Net Energy	287,159.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	281
Hydro	206
Syncon	562
Thermal	71
Total	1120

	Weather	Temperature
Morning	Sunny	25
Afternoon	Cloudy	33

Daily MW Generation On Thursday

31-Jul-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																											
SRev ST-Coal		307	536	693	714	743	738	747	753	748	745	745	742	746	748	750	743	728	558	403	99	100	32	41	67	34	56	47	54	50	115	30	112	35	48	55	50	72	81	115	46	51	46	20	30	44	37	45	34			
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 CCGI-Gas		518	473	439	210	204	259	222	400	338	388	276	366	321	236	228	94	545	598	583	540	341	378	445	318	346	158	56	16	199	75	158	161	145	162	252	471	586	871	892	333	107	83	202	218	459	268	423	340			
SRev OCGI-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	-1	1	0	34	34	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		1	0	-1	0	-1	-3	-1	-1	-1	-3	-3	-4	-1	-3	-3	-1	1	0	2	0	-2	0	2	3	4	2	2	3	2	11	11	11	12	11	10	11	10	10	10	11	10	11	11	9	9	9	7	7			
Syncon		642	642	642	491	642	642	642	642	541	390	390	541	541	541	541	541	541	541	541	541	541	390	541	541	491	642	642	642	554	554	554	554	554	403	730	730	730	730	730	730	730	579	730	730	730	730	730				
Hydro		167	167	160	291	177	180	179	181	179	180	196	324	324	187	164	181	177	247	147	147	140	146	279	135	125	339	160	61	174	198	148	270	234	246	394	150	190	165	161	128	117	109	288	179	156	160	171	169			
S.Reserve Total		1635	1818	1953	1706	1765	1816	1789	1975	1906	1952	1755	1818	1780	1709	1680	1558	1992	1944	1676	1327	1120	1097	1157	1068	1054	1046	907	776	1066	954	901	1142	1014	1118	1114	1412	1588	1857	1908	1248	1015	979	1100	1166	1423	1224	1376	1280			