

Availability at Daily Maximum Demand Hour

ST-Coal	2,300 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,688 MW
Hydro	1,949 MW
Distillate	0 MW
Total TNB	7,937 MW
Total IPP	9,844 MW
Total Co-Gen	20 MW
Total System	18,371 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	49,525	17.39 %
Gas	50,284	17.66 %
Hydro	10,313	3.62 %
Total TNB	110,122	38.67 %
ST-Coal	122,704	43.09 %
Gas	50,643	17.78 %
Total IPP	173,347	60.87 %
Co-Gen	236	0.08 %
Total Co-Gen	236	0.08 %
Total Generation	283,705	99.63 %
PLTG	-367	-0.13 %
HVDC	-700	-0.25 %
Interconnection	-1,067	-0.37 %
Net Energy	284,772	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	14,263 MW
TNB Generation	5,220 MW
IPP Generation	7,891 MW
Spinning Reserve	1,141 MW
Maximum Demand	13,157 MW
Net Energy	284,772 MWH
Load Factor	90.18 %

Fuel Cost

Total Cost:	34,990,291.40 RM
Cost per Unit	12.80 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	255
Hydro	239
Syncon	770
Thermal	120
Total	1,384

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
GLGR	53
PAKA	95
TJGS	218
Total TNB	366

KLPP	86
PLPS	78
SGRI	182
SKSP	51
Total IPP	397
Total Gas	763

Total Gas Required 763

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	12715	12124	11659	11455	10943	10863	10870	10534	10234	10844	11415	12135	12208	12141	12278	12310	12162	11874	11733	12658	13145	13032	12722	12524

Daily MW Generation on Sunday

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																									
System Total		12715	12336	12124	11803	11659	11515	11455	11210	10943	10892	10863	10863	10870	10854	10534	10162	10234	10537	10844	11166	11415	11886	12135	12258	12208	12140	12141	12274	12278	12259	12310	12256	12162	12175	11874	11846	11733	11942	12658	13157	13145	13058	13032	13009	12722	12713	12524	12361	
SRev ST-Coal		143	143	136	146	173	173	164	181	179	188	169	172	185	174	155	271	371	342	370	102	112	118	94	113	119	122	130	96	109	123	106	117	128	128	145	117	151	161	142	159	127	137	152	151	110	104	93	112	
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
SRev CCGT-Gas		373	283	267	243	409	460	553	702	904	1006	1063	1042	1036	1035	1200	1466	1354	1095	772	748	565	324	208	182	235	276	298	420	324	334	358	452	507	471	541	595	628	688	281	97	30	101	59	44	252	109	270	334	
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 Co-Gen		10	11	10	11	9	10	10	9	11	7	8	10	10	8	9	10	10	9	11	10	11	9	11	9	11	10	10	10	11	10	9	11	11	11	9	10	11	8	9	9	9	10	12	15	13	13	12		
Syncon		827	827	827	827	827	676	827	827	827	676	827	827	827	827	827	827	827	827	676	676	676	742	742	742	742	742	742	742	742	742	591	742	742	742	742	742	742	676	802	802	802	953	953	687	687	687			
Hydro		232	236	261	125	105	222	75	92	126	230	109	119	103	97	126	117	79	212	229	230	254	250	211	205	246	274	260	219	221	239	387	233	264	251	299	226	250	258	115	200	194	202	203	227	246	203	143	238	
S.Reserve Total		1585	1500	1501	1352	1523	1641	1629	1812	2045	2111	2175	2168	2161	2143	2296	2690	2641	2335	2056	1767	1683	1445	1264	1253	1352	1425	1440	1487	1406	1449	1452	1553	1652	1603	1738	1689	1781	1860	1288	1141	1162	1251	1226	1387	1576	1116	1206	1383	