

Availability at Daily Maximum Demand Hour

ST-Coal	2,030 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	5,667 MW
Hydro	1,601 MW
Distillate	0 MW
Total TNB	9,298 MW
Total IPP	8,565 MW
Total Co-Gen	9 MW
Total System	18,436 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,382	16.10 %
Gas	70,551	23.48 %
Hydro	8,286	2.76 %
Total TNB	127,219	42.34 %
ST-Coal	128,357	42.72 %
Gas	43,474	14.47 %
Total IPP	171,831	57.19 %
Co-Gen	594	0.20 %
Total Co-Gen	594	0.20 %
Total Generation	299,644	99.72 %
PLTG	-106	-0.04 %
HVDC	-726	-0.24 %
Interconnection	-832	-0.28 %
Net Energy	300,476	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:	21:30:00 Hour
Total Set On Bus	15,165 MW
TNB Generation	6,255 MW
IPP Generation	7,742 MW
Spinning Reserve	1,144 MW
Maximum Demand	14,081 MW
Net Energy	300,476 MWH
Load Factor	88.91 %

Fuel Cost

Total Cost:	37,782,565.40 RM
Cost per Unit	12.97 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	319
Hydro	185
Syncon	568
Thermal	175
Total	1,247

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	52
GLGR	53
NPRI	154
SRDG	17
TJGS	209
Total TNB	484
KLPP	91
PDPS	56
PKLG	4
PLPS	48
SGRI	170
Total IPP	368
Total Gas	852
Total Gas Required	852

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	13642	12937	12646	12202	11779	11631	11627	11162	10536	11151	11762	12363	12500	12446	12770	12872	12959	12761	12270	12499	13876	14011	13894	13845

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		13642	13406	12937	12852	12646	12480	12202	11881	11779	11826	11631	11536	11627	11656	11162	10887	10536	10844	11151	11369	11762	12116	12363	12479	12500	12374	12446	12575	12770	12879	12872	12965	12959	12995	12761	12499	12270	12268	12499	13247	13876	14020	14011	14081	13894	13896	13845	13538		
SRev ST-Coal		148	131	130	121	133	105	124	123	162	115	119	105	108	120	110	210	183	179	224	177	124	148	189	118	126	197	174	179	191	195	193	46	190	181	209	174	173	235	11	4	217	210	192	182	216	240	221	230		
SRev OCGT-Gas		-21	54	-2	-2	-3	-3	-3	-1	-2	-2	-2	-3	-3	-2	-1	-2	-1	-2	-5	-6	-6	-6	-4	7	-43	-3	-19	-14	-17	-31	-29	55	-52	5	-9	0	6	13	281	286	8	-13	10	36	65	192	215	275		
SRev CCGT-Gas		478	406	433	581	333	167	283	549	649	773	855	970	876	919	1270	1525	1887	1566	1346	1254	835	477	262	221	422	562	550	383	348	306	287	299	291	351	470	538	707	671	368	498	375	326	196	177	144	157	31	107		
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 Co-Gen		1	2	-1	0	0	-2	-1	0	0	1	0	0	1	-1	0	0	0	0	1	3	2	0	0	3	4	3	3	3	2	2	1	3	3	1	1	2	3	4	2	1	1	-13	-13	-13	-15	-9	4	8		
Syncon		202	202	590	590	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676		
Hydro		457	626	298	270	233	197	246	244	261	208	247	248	248	230	129	131	117	110	138	112	112	129	83	89	121	126	122	209	178	123	118	106	119	131	291	126	132	128	119	117	373	390	283	258	264	135	214	239		
S.Reserve Total		1265	1421	1448	1560	1372	1340	1325	1591	1746	1771	1895	1996	1906	1942	2184	2540	2862	2529	2380	2216	1743	1424	1206	1114	1306	1561	1506	1285	1378	1271	1246	1185	1227	1345	1487	1516	1697	1727	1457	1410	1075	1102	1172	1144	1178	1305	1275	1535		