

Availability at Daily Maximum Demand Hour

ST-Coal	2,680 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,054 MW
Hydro	1,702 MW
Distillate	0 MW
Total TNB	8,436 MW
Total IPP	10,573 MW
Total Co-Gen	0 MW
Total System	19,009 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	63,953	22.13 %
Gas	48,015	16.62 %
Hydro	5,281	1.83 %
Total TNB	117,249	40.58 %
ST-Coal	83,690	28.96 %
ST-Gas	319	0.11 %
Gas	87,687	30.35 %
Total IPP	171,696	59.42 %
Co-Gen	1,406	0.49 %
Total Co-Gen	1,406	0.49 %
Total Generation	290,351	100.48 %
PLTG	659	0.23 %
HVDC	729	0.25 %
Interconnection	1,388	0.48 %
Net Energy	288,963	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:	20:30:00 Hour
Total Set On Bus	14,705 MW
TNB Generation	4,975 MW
IPP Generation	8,520 MW
Spinning Reserve	1,153 MW
Maximum Demand	13,479 MW
Net Energy	288,963 MWH
Load Factor	89.33 %

Fuel Cost

Total Cost:	37,479,015.11 RM
Cost per Unit	13.10 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	431
Hydro	171
Syncon	686
Thermal	4
Total	1,292

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	27

Gas Usage

Station	(mmscfd)
GLGR	54
PAKA	44
PGPS	37
TJGS	215
Total TNB	349
KLPP	84
MPSS	30
PGLA	115
PLPS	79
SGB3	70
SGRI	158
SKSP	2
YPGS	30
YPKA	120
Total IPP	690
Total Gas	1,039

Total Gas Required 1,039

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	12693	12316	11916	11467	11153	10938	10997	10738	10237	10801	11536	12181	12203	12237	12675	12847	12664	12286	12025	12279	13326	13466	13169	12832

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																									
TIE-PLTG		-34	11	-16	33	-15	-17	24	-19	17	-7	57	40	-2	29	85	28	39	44	-6	6	-46	-16	23	27	44	13	55	26	-17	1	35	52	16	24	77	54	142	158	21	-38	74	43	13	56	102	11	52	19	
Interconnection		-4	41	15	64	15	13	55	11	48	24	88	70	28	59	116	59	69	75	23	36	-16	14	53	57	74	44	85	56	14	32	65	83	46	54	108	84	172	188	51	-8	105	73	43	87	133	41	82	49	
System Total		12693	12417	12316	11985	11916	11714	11467	11407	11153	11090	10938	11070	10997	11014	10738	10226	10237	10482	10801	11195	11536	11901	12181	12325	12203	12279	12237	12434	12675	12776	12847	12727	12664	12510	12286	12076	12025	11942	12279	13260	13326	13479	13466	13413	13169	13051	12832	12705	
SRev ST-Coal		21	28	69	78	75	236	228	224	221	256	280	268	507	513	506	580	573	576	531	575	534	233	38	-15	-18	-16	-22	-12	-74	-57	25	91	66	52	87	-44	42	69	-15	19	120	17	25	-11	-78	-40	22	14	
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		533	453	468	225	347	354	510	680	682	934	998	925	760	725	870	1274	1285	1074	1021	635	506	665	633	518	626	576	629	472	324	333	302	321	385	557	713	1148	1182	1224	1535	622	374	284	313	276	538	917	1038	678	
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		13	13	15	16	14	12	14	12	14	12	12	13	12	12	15	15	12	13	14	16	20	20	22	21	20	21	21	22	21	24	21	21	23	20	21	20	19	20	19	18	18	19	19	20	19	19	18	20	
Syncon		724	573	724	724	724	573	724	724	724	724	573	573	573	724	724	724	724	724	724	724	724	724	573	724	724	724	724	573	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	
Hydro		129	261	110	130	131	230	134	116	132	134	134	255	224	228	134	134	131	95	119	130	119	123	260	130	131	132	131	259	120	117	120	138	202	265	143	144	142	142	128	133	268	260	174	152	156	150	134	187	
S.Reserve Total		1424	1332	1390	1177	1295	1409	1614	1760	1977	2064	2152	2038	2080	2055	2253	2727	2725	2482	2409	2080	1903	1765	1526	1378	1483	1437	1483	1314	1115	1141	1192	1295	1400	1467	1688	1992	2109	2179	2391	1516	1353	1183	1255	1161	1359	1770	1936	1623	