

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,070 MW
Hydro	1,849 MW
Distillate	0 MW
Total TNB	7,989 MW
Total IPP	10,935 MW
Total Co-Gen	88 MW
Total System	19,294 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,461	14.12 %
Gas	63,586	18.53 %
Hydro	12,467	3.63 %
Total TNB	124,514	36.28 %
ST-Coal	95,588	27.85 %
Gas	120,893	35.23 %
Total IPP	216,481	63.08 %
Co-Gen	1,389	0.40 %
Total Co-Gen	1,389	0.40 %
Total Generation	342,384	99.77 %
PLTG	-59	-0.02 %
EGAT	-33	-0.01 %
HVDC	-701	-0.20 %
Interconnection	-793	-0.23 %
Net Energy	343,177	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:	14:30:00 Hour
Total Set On Bus	16,971 MW
TNB Generation	6,163 MW
IPP Generation	9,687 MW
Spinning Reserve	1,065 MW
Maximum Demand	15,985 MW
Net Energy	343,177 MWH
Load Factor	89.45 %

Fuel Cost

Total Cost:	59,007,332.67 RM
Cost per Unit	17.89 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	358
Hydro	226
Syncon	598
Thermal	40
Total	1,222

Time	Weather	Temperature
Afternoon	Hot	31
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	4
CBPS	58
GLGR	55
PAKA	129
PGPS	43
SRDG	51
TJGS	165
Total TNB	506

KLPP	116
MPSS	60
PDPS	12
PGLA	112
PLPS	107
PTEK	8
SGB3	63
SGRI	205
SKSP	52
YPGS	68
YPKA	136
Total IPP	938

Total Gas	1,444
Total Gas Required	1,444

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	14336	13406	13031	12698	12399	12363	12344	12072	12463	14204	14998	15499	15517	15262	15784	15937	15980	15425	14613	14374	14902	15187	15081	14794

Daily MW Generation on Tuesday

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
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	22	22	85	85	85	85	85	85	85
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	80	23	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	22	-1	-1	-1	-1	-1	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	30	30	30	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	0	0	0	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	0	0	0	0	0	0	0
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	33	35	36	69	80	35	35	34	39	34	36	31	34	35	27	32	36	38	38	35	35	36	85	85
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	34	35	82	86	81	80	80	81
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2
Total Hydro		353	256	214	328	259	176	175	173	188	400	378	361	383	378	444	488	477	515	507	521	527	668	904	876
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFK	29	29	29	30	31	30	31	31	31	31	32	33	31	32	33	36	34	35	35	35	38	37	33	34
PCUF	CUFK	26	26	25	24	26	25	26	25	24	25	26	27	27	25	28	25	27	26	26	24	24	24	23	23
Total Co-Gen		55	55	54	54	57	55	57	56	55	56	58	60	58	56	59	59	62	58	61	59	59	62	60	56
Total Gen		14266	13849	13399	13223	12975	12904	12707	12580	12378	12533	12376	12368	12274	12185	12025	11980	12448	13396	14162	14626	14977	15279	15490	15627
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-41	-69	22	4	-26	32	39	0	8	64	-42	40	-41	17	-18	-4	14	-4	-12	4	8	-18	20	
Interconnection		-70	-98	-7	-26	-56	2	9	-29	-21	36	13	10	-70	-12	-47	-33	-15	-34	-42	-25	-21	-47	-9	
System Total		14336	13947	13406	13249	13031	12902	12698	12609	12399	12497	12363	12358	12244	12197	12072	12013	12463	13430	14204	14651	14998	15326	15499	
SRev ST-Coal		52	29	40	27	45	53	61	51	42	18	52	48	29	36	58	37	42	80	30	50	30	36	116	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	192	79	69	34	55	107	
SRev CCGT-Gas		568	453	511	531	695	673	863	997	941	1023	1126	1123	1256	1331	1539	1645	1399	1309	732	439	437	278	218	
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
SRev Co-Gen		33	33	34	34	31	33	31	32	33	32	30	28	30	32	28	32	29	29	26	30	27	29	29	
Syncon		726	575	827	676	676	827	827	827	827	575	726	726	726	625	474	625	474	625	625	625	625	625	474	625
Hydro		100	300	90	127	196	128	129	131	116	256	127	144	122	127	162	269	129	242	99	170	164	361	404	
S.Reserve Total		1479	1390	1502	1395	1643	1714	1911	2038	1959	1984	2061	2069	2163	2252	2412	2457	2224	2134	1512	1506	1362	1398	1275	