

Availability at Daily Maximum Demand Hour

ST-Coal	1,360 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,898 MW
Hydro	1,805 MW
Distillate	0 MW
Total TNB	7,063 MW
Total IPP	10,472 MW
Total Co-Gen	0 MW
Total System	17,820 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	32,217	9.93 %
Gas	59,220	18.25 %
Hydro	16,130	4.97 %
Total TNB	107,567	33.14 %
ST-Coal	101,373	31.23 %
Gas	114,361	35.24 %
Total IPP	215,734	66.47 %
Co-Gen	1,528	0.47 %
Total Co-Gen	1,528	0.47 %
Total Generation	324,829	100.09 %
PLTG	981	0.30 %
HVDC	-703	-0.22 %
Interconnection	278	0.09 %
Net Energy	324,551	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	16,504 MW
TNB Generation	5,398 MW
IPP Generation	10,107 MW
Spinning Reserve	944 MW
Maximum Demand	15,514 MW
Net Energy	324,551 MWH
Load Factor	87.16 %

Fuel Cost

Total Cost:	51,388,536.94 RM
Cost per Unit	16.65 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	311
Hydro	275
Syncon	228
Thermal	23
Total	837

Time	Weather	Temperature
Afternoon	Hot	36
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	18
GLGR	58
PAKA	48
PGGS	2
PGPS	52
SRDG	52
TJGS	221
Total TNB	452

KLPP	113
MPSS	61
PDPS	24
PGLA	112
PKLG	10
PLPS	103
PTEK	23
SGB3	92
SGRI	209
SKSP	40
YPGS	70
YPKA	44
Total IPP	899

Total Gas	1,351
Total Gas Required	1,351

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	12738	12095	11696	11421	11014	10934	11082	11244	11945	13705	14539	15152	15253	14923	15321	15437	15453	15014	14094	14264	14756	14527	13973	13565

Daily MW Generation on Wednesday

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
MINOR	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
PGAU	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	28	27	34	30	28	30	30	32	33	30	31	36	31	35	26	28	26	38	35	37	37	40	37	83
TMGR	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
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		274	273	322	317	250	253	253	255	288	253	289	295	290	295	285	286	283	320	606	820	933	988	998	1251
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	CUFG	33	33	33	34	34	33	33	33	33	32	35	33	34	34	33	32	32	31	32	32	31	32	32	31
PCUF	CUFK	34	35	35	35	36	36	34	35	33	35	36	34	35	35	35	35	35	32	33	31	28	20	5	4
Total Co-Gen		67	68	68	69	70	69	67	68	66	68	67	71	67	68	69	69	69	68	67	64	65	62	60	52
Total Gen		12781	12274	12071	11823	11707	11591	11359	11223	10978	10969	10910	11093	11069	11184	11206	11314	11939	12888	13704	14166	14530	14921	15151	15373
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		-30	-30	-29	-29	-29	-29	-30	-30	-28	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-28	-28	-29
TIE-PLTG		74	76	6	-4	40	87	-32	35	-8	60	5	-31	16	30	-9	23	23	31	27	4	21	-7	28	10
Interconnection		43	46	-24	-33	11	58	-62	5	-36	30	-24	-60	-13	0	-38	-6	-6	3	-1	-23	-9	-37	-1	-19
System Total		12738	12228	12095	11856	11696	11533	11421	11218	11014	10939	10934	11153	11082	11184	11244	11320	11945	12885	13705	14189	14539	14958	15152	15392
SRev ST-Coal		59	27	0	18	26	72	76	18	13	16	31	26	25	24	34	25	7	16	18	26	19	11	11	24
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	23	144	63	97	73	129	135
SRev CCGT-Gas		171	570	508	324	226	298	524	761	1042	1015	1094	926	942	862	821	1213	944	606	237	453	292	167	189	223
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		9	8	8	7	6	7	9	8	10	8	9	5	9	8	7	7	8	9	12	11	14	16	24	40
Syncon		637	637	637	637	637	637	637	637	637	637	637	637	637	637	637	637	637	486	421	270	270	270	270	270
Hydro		143	144	134	139	106	103	103	101	219	103	105	99	104	99	109	108	111	225	322	359	346	341	331	325
S.Reserve Total		999	1386	1287	1125	1001	1117	1349	1525	1770	1779	1876	1693	1717	1630	1688	1990	1706	1341	1066	1143	1082	866	914	939