

Availability at Daily Maximum Demand Hour

ST-Coal	2,840 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,608 MW
Hydro	1,659 MW
Distillate	0 MW
Total TNB	8,107 MW
Total IPP	10,044 MW
Total Co-Gen	0 MW
Total System	18,715 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	66,959	20.00 %
Gas	52,931	15.81 %
Hydro	12,859	3.84 %
Total TNB	132,749	39.65 %
ST-Coal	91,443	27.31 %
Gas	108,916	32.53 %
Total IPP	200,359	59.84 %
Co-Gen	833	0.25 %
Total Co-Gen	833	0.25 %
Total Generation	333,941	99.74 %
PLTG	-179	-0.05 %
HVDC	-701	-0.21 %
Interconnection	-880	-0.26 %
Net Energy	334,821	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	17,350 MW
TNB Generation	6,681 MW
IPP Generation	9,393 MW
Spinning Reserve	1,243 MW
Maximum Demand	16,145 MW
Net Energy	334,821 MWH
Load Factor	86.41 %

Fuel Cost

Total Cost:	46,467,076.18 RM
Cost per Unit	14.44 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	441
Hydro	174
Syncon	508
Thermal	36
Total	1,159

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Cloudy	27

Gas Usage

Station	(mmscfd)
CBPS	35
CBPS	47
GLGR	56
PAKA	94
PGPS	48
SRDG	46
TJGS	109
Total TNB	435
KLPP	104
MPSS	62
PDPS	18
PGLA	112
PKLG	1
PLPS	103
PTEK	16
SGB3	82
SGRI	169
YPGS	56
YPKA	128
Total IPP	851
Total Gas	1,286
Total Gas Required	1,286

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	12877	12420	11816	11492	11203	11068	11274	11429	12051	14155	15043	15803	15753	15442	15919	16069	16114	15720	14565	14248	15366	15266	14821	14388

Daily MW Generation on Monday

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
KNYR	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
LPIA	HY02	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MNOR	HY01	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
PGAU	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
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	HY04	-1	-1	-1	23	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	HY01	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY02	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SYPS	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
SYPS	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
SYPS	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	HY04	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	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	29	39	38	36	36	37	33	33	34	32	41	36	36	32	30	42	40	37	76	78	82	85	86
TMGR	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
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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		360	267	291	316	320	281	287	297	175	179	171	183	177	201	168	191	224	387	710	860	858	912	983	960
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	36	36	37	37	36	35	37	35	35	36	36	35	35	36	37	35	35	35	36	34	33	34	32	32
Total Co-Gen		36	36	37	37	36	35	37	35	35	36	36	35	35	36	34	33	34	32	33	33	32	32	33	34
Total Gen		12871	12425	12368	12093	11772	11554	11438	11199	11211	11025	11097	11148	11231	11494	11403	11416	11958	13155	14067	14689	15022	15828	15786	15839
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		-28	-30	-30	-30	-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		22	51	-22	6	-14	12	-25	10	38	25	59	-49	-13	12	3	0	-63	-47	-59	56	8	-13	12	
Interconnection		-6	21	-52	-24	-44	-17	-54	-20	8	-4	29	-79	-43	-17	-26	-30	-93	-76	-88	27	-21	-42	-17	
System Total		12877	12404	12420	12117	11816	11571	11492	11219	11203	11029	11068	11224	11274	11511	11429	11446	12051	13231	14155	14662	15043	15570	15803	15854
SRev ST-Coal		27	39	18	4	36	147	97	99	40	33	55	40	30	36	41	26	17	37	31	36	10	15	35	
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
SRev CCGT-Gas		159	520	156	131	485	523	656	1069	1029	1227	1210	1188	1106	992	1046	1270	1101	650	430	589	548	401	365	
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		8	8	7	7	8	9	7	9	9	8	8	9	9	8	7	9	9	9	9	8	10	11	10	12
Syncon		727	828	828	677	828	828	828	677	828	828	828	828	677	828	677	828	626	626	539	539	539	539	539	539
Hydro		159	131	107	233	78	117	111	252	123	119	127	115	121	248	130	258	74	113	90	136	138	84	242	
S.Reserve Total		1160	1526	1116	1044	1435	1624	1699	2106	2029	2215	2228	2180	2094	1961	2052	2240	2029	1435	1186	1394	1303	1056	1134	