

Availability at Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,357 MW
Hydro	1,810 MW
Distillate	0 MW
Total TNB	6,547 MW
Total IPP	10,717 MW
Total Co-Gen	0 MW
Total System	17,549 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	39,650	12.42 %
Gas	50,563	15.84 %
Hydro	11,356	3.56 %
Total TNB	101,569	31.81 %
ST-Coal	116,112	36.37 %
Gas	99,994	31.32 %
Total IPP	216,106	67.69 %
Co-Gen	1,104	0.35 %
Total Co-Gen	1,104	0.35 %
Total Generation	318,779	99.84 %
PLTG	-105	-0.03 %
HVDC	-394	-0.12 %
Interconnection	-499	-0.16 %
Net Energy	319,278	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:	11:30:00 Hour
Total Set On Bus	16,125 MW
TNB Generation	4,596 MW
IPP Generation	10,391 MW
Spinning Reserve	1,096 MW
Maximum Demand	15,089 MW
Net Energy	319,278 MWH
Load Factor	88.16 %

Fuel Cost

Total Cost:	46,390,088.26 RM
Cost per Unit	15.09 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	274
Hydro	187
Syncon	685
Thermal	56
Total	1,202

Time	Weather	Temperature
Afternoon	Cloudy	34
Morning	Sunny	26

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	12587	11994	11557	11197	11062	10945	10972	11359	12008	13803	14439	15009	14866	14503	14830	14901	15008	14751	13918	13834	14281	14317	13527	13095

Gas Usage

Station	(mmscfd)
CBPS	30
CBPS	49
GLGR	56
PAKA	104
PGPS	40
SRDG	12
TJGS	110
Total TNB	402
KLPP	102
MPSS	52
PDPS	29
PGLA	98
PTEK	25
SGB3	87
SGRI	198
SKSP	56
YPGS	70
YPKA	69
Total IPP	785
Total Gas	1,187
Total Gas Required	1,187

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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
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	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
PGAU	HY04	-1	-1	-1	-1	-1	78	23	23	-1	-1	-1	82	-1	-1	-1	-1	112	80	-1	-1	-1	-1	-1	-1
SIHY	HY01	50	49	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
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	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	35	29	43	35	40	38	40	38	36	37	37	38	37	31	39	0	0	29	27	37	36	37	34	29
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	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		391	376	413	395	404	400	551	428	423	403	408	407	408	490	391	380	313	457	649	596	509	584	604	604
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	CUGF	41	17	16	17	17	17	17	15	16	13	14	13	14	13	14	15	15	13	14	14	15	15	13	14
PCUF	CUFK	34	34	29	32	30	30	29	28	30	29	28	30	28	28	31	31	30	31	28	29	29	28	27	28
Total Co-Gen		75	51	45	49	47	47	46	43	46	42	44	41	44	41	41	46	45	45	45	43	42	43	42	43
Total Gen		12615	12132	12007	11697	11571	11411	11074	11067	11054	10970	10877	10922	10899	11311	11351	11622	12021	13003	13708	14077	14429	14759	14978	15029
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	-30	-30	-29	-29	-28	-28	-29	-29	-29	-29	0	0	0	0	0	0	0	0	0	0	0	0
TIE-PLTG		58	58	43	58	43	-1	-95	11	21	-8	-39	-16	-43	-58	21	-8	13	31	-95	32	-10	-52	-31	-60
Interconnection		28	29	13	28	14	-30	-123	-17	-8	-37	-68	-45	-73	-87	-8	-8	13	31	-95	32	-10	-52	-31	-60
System Total		12587	12103	11994	11669	11557	11441	11197	11084	11062	11007	10945	10967	10972	11398	11359	11630	12008	12972	13803	14045	14439	14811	15009	15089
SRev ST-Coal		131	146	184	180	144	154	135	165	227	201	193	210	199	208	200	75	68	124	76	129	90	46	29	14
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	126	322	184	46	117	133
SRev CCGT-Gas		789	978	866	1086	1185	1299	940	804	698	784	886	819	800	518	386	1356	1130	516	265	157	98	51	58	103
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		1	25	31	27	29	29	29	30	33	30	34	32	35	32	35	35	30	31	31	31	33	34	33	34
Syncon		725	725	725	725	725	725	473	574	574	725	725	725	725	574	725	725	725	725	725	876	725	725	725	725
Hydro		104	119	89	107	98	102	203	225	230	99	94	95	94	164	111	153	129	109	122	180	116	123	103	103
S.Reserve Total		1775	1993	1895	2125	2181	2309	1780	1798	1762	1839	1932	1881	1853	1496	1457	2344	2082	1505	1221	1348	1535	1163	994	1096