

Availability at Daily Maximum Demand Hour

ST-Coal	2,270 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,300 MW
Hydro	1,847 MW
Distillate	0 MW
Total TNB	8,417 MW
Total IPP	10,505 MW
Total Co-Gen	0 MW
Total System	18,922 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	50,007	15.59 %
Gas	77,272	24.09 %
Hydro	8,429	2.63 %
Total TNB	135,708	42.31 %
ST-Coal	91,567	28.55 %
ST-Gas	5,577	1.74 %
Gas	86,402	26.94 %
Total IPP	183,546	57.22 %
Co-Gen	924	0.29 %
Total Co-Gen	924	0.29 %
Total Generation	320,178	99.82 %
PLTG	120	0.04 %
HVDC	-705	-0.22 %
Interconnection	-585	-0.18 %
Net Energy	320,763	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	16,680 MW
TNB Generation	6,788 MW
IPP Generation	8,686 MW
Spinning Reserve	1,174 MW
Maximum Demand	15,545 MW
Net Energy	320,763 MWH
Load Factor	85.97 %

Fuel Cost

Total Cost:	54,088,764.32 RM
Cost per Unit	13.10 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	299
Hydro	96
Syncon	528
Thermal	50
Total	973

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	33
CBPS	34
GLGR	57
PAKA	139
PGGS	8
PGPS	52
SRDG	74
TJGS	222
Total TNB	617
KLPP	112
MPSS	59
PDPS	52
PKLG	20
PLPS	107
PTEK	45
SGRI	206
SKSP	57
YPKA	55
PKLG	55
Total IPP	769
Total Gas	1,386
Total Gas Required	1,386

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	12095	11427	11132	10748	10479	10431	10740	10829	11574	13615	14430	15167	15033	14690	15260	15472	15513	15031	14484	14199	15001	14906	14310	13599

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
LPIA	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
LPIA	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
MNOR	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
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	-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	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	HY01	48	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	50	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	50	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	31	32	32	32	34	30	33	33	33	33	34	38	32	33	32	34	33	29	82	81	81	81	81	81
TMGR	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
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		337	189	189	190	194	182	193	195	188	188	185	221	234	186	209	187	194	358	197	242	235	363	767	756
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	7	9	7	7	8	8	8	7	9	8	9	10	9	9	9	8	8	8	8	7	7	7	6	6
PCUF	CUPK	34	35	33	34	34	35	36	34	34	32	34	33	34	33	34	34	35	35	33	33	31	29	28	29
Total Co-Gen		41	44	40	41	42	43	44	41	43	40	42	42	44	42	43	43	44	41	41	39	36	35	36	34
Total Gen		12053	11711	11382	11261	11029	10922	10628	10539	10357	10500	10448	10532	10655	10815	10847	10887	11559	12668	13599	13988	14440	14691	15136	15310
TIE-BGAT		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	-28	-28	-29	-29	-29	-29	-29	-29	-30	-30	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-13	22	-18	-29	-74	-25	-90	-17	-93	-20	46	16	-56	77	47	-55	15	55	14	8	39	-8	-1	
Interconnection		-42	-7	-45	-87	-103	-54	-120	-46	-122	-49	17	-14	-85	47	18	-85	-15	24	-16	-22	10	-38	-31	
System Total		12095	11718	11427	11318	11132	10976	10748	10585	10479	10549	10431	10546	10740	10768	10829	10972	11574	12644	13615	14010	14430	14729	15167	15348
SRev ST-Coal		35	37	80	39	35	46	20	37	36	37	38	25	105	117	39	37	22	42	22	25	39	34	55	42
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		118	316	179	134	176	259	591	662	840	693	743	799	513	472	559	991	632	784	362	307	210	196	198	293
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		35	32	36	35	34	33	32	35	33	36	34	34	32	34	33	33	32	35	35	35	37	40	41	40
Syncon		723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723
Hydro		103	101	101	100	96	108	97	95	102	105	102	207	104	232	103	96	234	244	48	55	52	81	92	56
S.Reserve Total		1017	1209	1119	1031	1062	1169	1443	1552	1734	1591	1643	1650	1429	1450	1435	1887	1505	1543	1349	1330	1175	1144	1067	1033