

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,925 MW
Hydro	1,760 MW
Distillate	0 MW
Total TNB	8,765 MW
Total IPP	9,860 MW
Total Co-Gen	0 MW
Total System	18,625 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	68,086	21.41 %
Gas	43,204	13.59 %
Hydro	16,482	5.18 %
Total TNB	127,772	40.19 %
ST-Coal	78,092	24.56 %
ST-Gas	1,105	0.35 %
ST-Oil	9	0.00 %
Gas	109,871	34.56 %
Total IPP	189,077	59.47 %
Co-Gen	1,390	0.44 %
Total Co-Gen	1,390	0.44 %
Total Generation	318,239	100.09 %
PLTG	-423	-0.13 %
HVDC	725	0.23 %
Interconnection	302	0.09 %
Net Energy	317,937	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:	20:30:00 Hour
Total Set On Bus	15,552 MW
TNB Generation	6,222 MW
IPP Generation	8,212 MW
Spinning Reserve	1,052 MW
Maximum Demand	14,500 MW
Net Energy	317,937 MWH
Load Factor	91.36 %

Fuel Cost

Total Cost:	46,290,508.35 RM
Cost per Unit	15.33 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	398
Hydro	438
Syncon	294
Thermal	101
Total	1,231

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	33
PAKA	49
PGPS	42
SRDG	42
TJGS	166
Total TNB	331

KLPP	115
MPSS	60
PDPS	9
PGLA	115
PKLG	7
PLPS	101
PTEK	7
SGB3	61
SGRI	115
SKSP	54
YPGS	68
YPKA	135
PKLG	11
Total IPP	858

Total Gas	1,188
Total Gas Required	1,189

Alternate Fuel Usage

Station	(mmscfd)
PKLG	0
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	13692	13060	12633	12130	12045	11996	11991	11443	11299	12635	13375	14014	13853	13638	14019	14097	13988	13788	13564	13491	14175	14478	14240	13993

Daily MW Generation on Saturday

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
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	25	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	25	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	46	51	39	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	53	51	38	36	39	38	38	37	39	39	36	40	37	36	37	36	36	49	46	50	51	52	51	49
TMGR	HY03	45	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	46	49	50	50	50	50	46
TMGR	HY04	47	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	50	47	49	50	51	51	50	48
UPIA	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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		796	547	464	422	327	224	195	267	200	223	204	227	236	206	187	190	186	265	722	795	815	927	976	967
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	5	5	6	6	4	5	19	39	40	39	38	39	39	37	39	37	37	37	34	33	34	33	34	33
PCUF	CUFK	25	26	28	27	29	27	28	28	27	25	26	27	28	27	26	25	25	26	23	29	24	23	22	24
Total Co-Gen		30	31	34	33	33	32	47	67	67	64	64	66	67	64	65	66	65	64	63	59	58	59	57	62
Total Gen		13703	13379	13064	12803	12655	12442	12163	12181	12021	12127	12043	11940	11967	11806	11519	11161	11307	12047	12687	13018	13363	13691	14032	14032
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		31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	32	32	31	31	30
TIE-PLTG		-20	45	-25	-4	-8	-34	2	-7	-54	-49	17	-12	-54	24	46	-57	-23	-17	23	12	-42	-36	-14	-16
Interconnection		11	75	4	27	22	-3	33	23	-24	-19	47	18	-24	54	76	-27	8	13	52	42	-12	-4	18	
System Total		13692	13304	13060	12776	12633	12445	12130	12158	12045	12146	11996	11922	11991	11752	11443	11188	11299	12034	12635	12976	13375	13695	14014	14017
SRev ST-Coal		93	97	171	217	157	141	211	8	41	-12	22	29	-36	25	35	85	58	28	32	170	54	81	81	116
SRev ST-Oil		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 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		567	503	499	255	188	223	315	401	462	426	457	578	629	693	955	1295	1171	539	827	738	523	331	235	245
SRev ST-Gas		85	86	88	95	85	75	38	29	28	31	31	31	28	31	28	0	0	0	0	0	0	0	0	0
SRev Co-Gen		14	13	10	11	11	12	-3	-23	-23	-20	-20	-22	-23	-20	-21	-22	-21	-20	-19	-15	-14	-15	-13	-13
Syncon		453	640	640	726	726	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827
Hydro		376	160	135	91	86	88	94	324	89	66	85	213	204	83	102	99	103	125	316	468	448	461	487	
S.Reserve Total		1588	1499	1543	1395	1253	1366	1482	1264	1424	1318	1402	1505	1478	1639	1926	2284	2138	1398	1458	1663	1313	1160	1097	1189