

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,089 MW
Hydro	1,517 MW
Distillate	0 MW
Total TNB	7,676 MW
Total IPP	11,217 MW
Total Co-Gen	0 MW
Total System	18,893 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,943	16.04 %
Gas	58,625	19.21 %
Hydro	6,434	2.11 %
Total TNB	114,002	37.36 %
ST-Coal	103,724	34.00 %
ST-Gas	534	0.18 %
Gas	87,114	28.55 %
Total IPP	191,372	62.72 %
Co-Gen	1,029	0.34 %
Total Co-Gen	1,029	0.34 %
Total Generation	306,403	100.42 %
PLTG	563	0.18 %
HVDC	729	0.24 %
Interconnection	1,292	0.42 %
Net Energy	305,111	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:	20:00:00 Hour
Total Set On Bus	15,179 MW
TNB Generation	5,404 MW
IPP Generation	8,622 MW
Spinning Reserve	1,112 MW
Maximum Demand	14,016 MW
Net Energy	305,111 MWH
Load Factor	90.70 %

Fuel Cost

Total Cost:	43,987,400.51 RM
Cost per Unit	14.66 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	304
Hydro	156
Syncon	444
Thermal	30
Total	934

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	4
CBPS	6
GLGR	56
PAKA	100
PGPS	41
SRDG	10
TJGS	216
Total TNB	433

KLPP	73
MPSS	61
PDPS	3
PGLA	63
PLPS	62
PTEK	3
SGRI	180
SKSP	31
YPGS	70
YPKA	133
PKLG	5
Total IPP	684
Total Gas	1,116

Total Gas Required 1,116

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	13053	12571	12053	11690	11334	11310	11154	11083	10985	11986	12903	13442	13440	13212	13479	13514	13588	13270	12883	13005	14016	13883	13682	13195

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
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	33	32	31	32	33	30	31	31	31	31	32	32	32	33	32	31	36	33	34	34	31	32	33	33
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
UPLA	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
UPLA	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		175	171	167	170	176	166	168	168	167	168	191	171	191	173	169	151	175	183	183	204	176	379	794	809
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	9	10	9	5	6	4	5	5	6	4	5	5	4	4	6	6	6	5	5	5	4	5	4	3
PCUF	CUFK	33	34	33	33	32	36	37	37	37	38	38	39	40	38	40	40	38	38	38	40	38	38	35	32
Total Co-Gen		42	44	42	38	38	40	42	42	43	42	43	44	44	46	46	44	43	43	45	42	43	39	35	35
Total Gen		13169	12912	12593	12310	12079	11874	11706	11618	11380	11381	11346	11114	11223	11288	11166	10970	10975	11538	12016	12564	12993	13233	13527	13646
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		31	31	31	31	31	31	31	31	30	30	31	30	30	30	31	31	31	31	30	30	31	29	29	30
TIE-PLTG		84	16	-9	4	-5	-36	-14	38	15	15	6	-16	39	27	53	98	-40	-22	-1	27	59	-8	55	32
Interconnection		116	47	22	35	26	-6	16	69	46	45	36	15	69	57	83	128	-10	8	30	57	90	22	85	62
System Total		13053	12865	12571	12275	12053	11880	11690	11549	11334	11336	11310	11099	11154	11231	11083	10842	10985	11530	11986	12507	12903	13211	13442	13584
SRev ST-Coal		92	78	23	35	19	32	-18	-87	130	39	31	31	14	29	54	59	13	19	19	40	41	32	47	32
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		317	445	690	726	649	668	851	748	1069	1159	1226	1439	1367	1267	1362	1537	1603	1040	798	809	467	431	538	445
SRev ST-Gas		-1	-2	41	37	35	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		34	32	34	38	38	36	34	34	33	34	33	32	32	34	32	30	30	32	33	33	31	34	33	37
Syncon		719	719	719	719	719	719	719	719	719	719	719	719	719	719	719	719	719	719	719	719	719	719	719	719
Hydro		153	157	161	158	152	162	160	160	161	160	288	157	288	155	159	177	153	145	145	275	152	182	226	211
S.Reserve Total		1314	1429	1668	1713	1612	1647	1746	1574	2112	2111	2146	2378	2269	2204	2326	2522	2518	1955	1714	1725	1410	1165	1096	977