

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,455 MW
Hydro	1,615 MW
Distillate	0 MW
Total TNB	7,140 MW
Total IPP	11,766 MW
Total Co-Gen	0 MW
Total System	19,188 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,535	14.88 %
Gas	47,756	14.64 %
Hydro	8,148	2.50 %
Total TNB	104,439	32.01 %
ST-Coal	116,914	35.83 %
Gas	104,033	31.89 %
Total IPP	220,947	67.72 %
Co-Gen	1,121	0.34 %
Total Co-Gen	1,121	0.34 %
Total Generation	326,507	100.07 %
PLTG	-492	-0.15 %
HVDC	734	0.22 %
Interconnection	242	0.07 %
Net Energy	326,265	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:	16:00:00 Hour
Total Set On Bus	16,823 MW
TNB Generation	4,958 MW
IPP Generation	10,664 MW
Spinning Reserve	1,160 MW
Maximum Demand	15,703 MW
Net Energy	326,265 MWH
Load Factor	86.57 %

Fuel Cost

Total Cost:	49,121,659.38 RM
Cost per Unit	15.43 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	271
Hydro	142
Syncon	545
Thermal	28
Total	986

Time	Weather	Temperature
Afternoon	Cloudy	31
Morning	Rainy	23

Gas Usage

Station	(mmscfd)
CBPS	26
GLGR	34
PAKA	50
PGPS	41
SRDG	40
TJGS	185
Total TNB	375

KLPP	106
MPSS	54
PDPS	25
PGLA	95
PKLG	10
PLPS	98
PTEK	20
SGRI	194
SKSP	56
YPGS	71
YPKA	100
Total IPP	828

Total Gas	1,203
Total Gas Required	1,203

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	12660	12158	11643	11426	11091	10948	11217	11508	11884	13499	14368	15101	15016	14816	15291	15594	15704	15318	14329	14058	14963	14755	14358	13889

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
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	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
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	31	32	28	40	30	30	34	31	33	35	34	37	41	40	39	38	36	27	32	41	43	37	69	44
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Hydro		175	177	168	223	172	170	407	403	406	409	428	412	417	440	415	415	407	351	354	386	474	593	825	634
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	11	10	11	11	12	10	12	12	11	13	14	12	13	14	14	14	14	14	14	12	13	12	11	11
PCUF	CUFK	39	38	38	39	39	36	37	38	38	38	37	41	37	36	37	36	35	33	32	33	30	31	30	30
Total Co-Gen		50	48	49	50	51	46	49	50	49	51	53	50	50	49	50	49	47	46	47	42	44	42	41	40
Total Gen		12717	12443	12164	11888	11668	11583	11465	11315	11139	11111	10957	11115	11200	11588	11556	11323	11844	12938	13523	14008	14254	14673	15149	15222
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		30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
TIE-PLTG		27	-8	-24	-89	-6	-8	8	-32	17	1	-21	-55	-47	-7	17	-72	-70	-1	-6	10	-144	-66	18	-152
Interconnection		57	22	6	-58	25	23	39	-1	48	33	9	-24	-17	24	48	-41	-40	30	24	41	-114	-36	48	-121
System Total		12660	12421	12158	11946	11643	11560	11426	11316	11091	11078	10948	11139	11217	11564	11508	11364	11884	12908	13499	13967	14368	14709	15101	15343
SRev ST-Coal		69	47	65	36	18	77	55	34	40	33	31	17	13	14	32	60	75	54	77	27	4	29	69	-9
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	178	-1	8	38	73
SRev COGT-Gas		393	499	482	508	635	611	991	1169	1341	1381	1556	1398	1319	953	941	1147	1437	1099	842	440	300	315	308	300
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		26	28	27	26	25	30	27	26	27	25	23	26	26	27	26	27	29	30	29	34	32	34	35	36
Syncon		724	724	724	573	724	724	623	623	623	623	472	623	623	623	623	623	623	623	472	321	623	724	724	724
Hydro		148	146	155	251	151	148	112	116	113	110	242	107	102	230	104	104	112	168	165	133	125	257	176	65
S.Reserve Total		1360	1444	1453	1394	1553	1595	1813	1973	2149	2177	2331	2173	2088	1700	1732	1965	2279	1978	1742	1257	1086	1114	1086	1013