

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,905 MW
Hydro	1,708 MW
Distillate	0 MW
Total TNB	7,683 MW
Total IPP	10,913 MW
Total Co-Gen	0 MW
Total System	18,596 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,794	14.84 %
Gas	61,683	18.76 %
Hydro	11,707	3.56 %
Total TNB	122,184	37.16 %
ST-Coal	102,406	31.15 %
ST-Gas	1,469	0.45 %
ST-Oil	4,536	1.38 %
Gas	97,608	29.69 %
Total IPP	206,019	62.66 %
Co-Gen	1,014	0.31 %
Total Co-Gen	1,014	0.31 %
Total Generation	329,217	100.13 %
PLTG	-314	-0.10 %
HVDC	732	0.22 %
Interconnection	418	0.13 %
Net Energy	328,799	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	16,956 MW
TNB Generation	6,143 MW
IPP Generation	9,739 MW
Spinning Reserve	1,033 MW
Maximum Demand	15,901 MW
Net Energy	328,799 MWH
Load Factor	86.15 %

Fuel Cost

Total Cost:	50,269,628.46 RM
Cost per Unit	15.83 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	293
Hydro	227
Syncon	447
Thermal	39
Total	1,006

Time	Weather	Temperature
Afternoon	Rainy	35
Morning	Sunny	26

Gas Usage

Station	(mmsefd)
CBPS	10
CBPS	47
GLGR	57
PAKA	77
PGGS	3
PGPS	42
SRDG	22
TJGS	213
Total TNB	470
KLPP	104
MPSS	54
PDPS	7
PGLA	115
PKLG	8
PLPS	104
PTEK	7
SGB3	55
SGRI	189
SKSP	53
YPKA	69
PKLG	15
Total IPP	780
Total Gas	1,249
Total Gas Required	1,294

Alternate Fuel Usage

Station	(mmsefd)
PKLG	45
Total	45

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	12943	12221	11867	11545	11318	11276	11536	11564	12001	13843	14799	15443	15430	15054	15606	15887	15771	15223	14339	14397	14651	14466	13745	13381

Daily MW Generation on Thursday

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	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	HY01	50	50	50	50	49	50	50	50	49	30	30	30	30	0	0	0	50	50	50	50	50	50	50	50
SIHY	HY02	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50
SIHY	HY03	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50
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	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	50	31	29	31	31	31	30	29	28	30	30	31	35	30	30	32	32	33	27	28	34	30	31	31
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	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	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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		358	366	340	354	347	360	349	366	340	246	221	223	237	270	193	190	215	379	397	337	490	607	820	
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	24	12	10	12	11	11	11	12	11	12	12	11	14	13	12	13	13	11	11	11	9	11	10	9
PCUF	CUFK	35	35	36	35	36	35	34	35	35	33	34	35	34	35	36	35	36	34	32	32	29	29	30	30
Total Co-Gen		59	47	46	47	47	46	45	46	47	44	46	47	45	49	48	48	48	49	45	43	43	38	40	
Total Gen		13022	12588	12301	12278	11915	11671	11586	11468	11370	11315	11344	11294	11545	11805	11572	11423	12016	13041	13791	14264	14814	15155	15551	
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		30	30	30	31	29	31	31	30	30	31	31	32	32	29	31	31	32	30	32	29	31	31	31	31
TIE-PLTG		49	72	50	40	19	49	10	19	22	8	38	-31	-23	-57	-23	-6	-17	-91	-84	1	-16	-75	78	
Interconnection		79	102	80	70	48	-18	41	49	52	39	68	1	9	-28	8	25	15	-61	-52	31	15	-45	108	
System Total		12943	12486	12221	12208	11867	11689	11545	11419	11318	11276	11293	11536	11833	11564	11398	12001	13102	13843	14233	14799	15200	15443	15587	
SRev ST-Coal		72	20	29	21	78	45	26	32	89	88	95	94	94	57	34	28	31	26	29	32	22	0	12	
SRev ST-Oil		39	39	20	1	0	0	0	0	0	-1	37	37	37	37	37	37	40	18	7	3	25	3	23	
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		222	365	276	253	530	842	934	1114	1183	1383	1318	1372	1129	962	1150	1302	905	923	806	694	279	225	137	
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-15	-17	
SRev Co-Gen		17	29	30	29	29	30	31	30	29	32	30	29	31	27	28	28	28	27	31	33	33	38	36	
Syncon		731	731	731	731	731	731	580	731	731	731	731	731	731	731	731	580	580	731	630	630	453	453	453	
Hydro		113	105	131	117	124	111	122	256	131	125	150	148	134	101	128	130	100	238	225	134	182	157	397	
S.Reserve Total		1194	1289	1217	1152	1492	1759	1844	2012	2163	2358	2361	2411	2156	1915	2108	2256	1840	1817	1678	1629	1179	1088	1148	