

Availability at Daily Maximum Demand Hour

ST-Coal	1,930 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,787 MW
Hydro	1,839 MW
Distillate	0 MW
Total TNB	7,556 MW
Total IPP	10,613 MW
Total Co-Gen	0 MW
Total System	18,733 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	42,871	14.05 %
Gas	42,139	13.81 %
Hydro	27,667	9.07 %
Total TNB	112,677	36.93 %
ST-Coal	103,033	33.76 %
Gas	87,053	28.53 %
Total IPP	190,086	62.29 %
Co-Gen	1,712	0.56 %
Total Co-Gen	1,712	0.56 %
Total Generation	304,475	99.78 %
PLTG	32	0.01 %
HVDC	-705	-0.23 %
Interconnection	-673	-0.22 %
Net Energy	305,148	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:	16:30:00 Hour
Total Set On Bus	15,403 MW
TNB Generation	5,630 MW
IPP Generation	8,654 MW
Spinning Reserve	1,048 MW
Maximum Demand	14,398 MW
Net Energy	305,148 MWH
Load Factor	88.30 %

Fuel Cost

Total Cost:	34,974,834.44 RM
Cost per Unit	12.63 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	618
Hydro	173
Syncon	365
Thermal	28
Total	1,184

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	1
GLGR	35
PAKA	34
PGPS	42
SRDG	4
TJGS	187
Total TNB	304
KLPP	96
MPSS	51
PDPS	1
PGLA	86
SGB3	74
SGRI	179
SKSP	46
YPGS	68
YPKA	68
Total IPP	669
Total Gas	972
Total Gas Required	972

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	11945	11422	11141	10740	10711	10548	10785	11047	11374	12905	13607	14157	14157	13581	13623	14269	14318	14060	13427	13354	14038	13698	13127	12723

Daily MW Generation on Friday

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	
TMGR	HY03	91	91	90	90	91	91	92	92	92	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	
TMGR	HY04	85	85	85	84	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85		
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		
Total Hydro		1006	1007	994	1018	1008	992	999	1033	1025	996	995	1082	1099	1131	1132	1318	1125	953	1135	1133	1159	1283	1253	1276	
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	36	37	37	37	38	38	38	37	38	38	37	37	37	37	39	38	39	40	39	40	38	38	39	39	
PCUF	CUFK	35	33	34	36	34	35	36	36	34	36	35	35	36	36	35	35	34	33	32	32	32	31	30	31	30
Total Co-Gen		71	70	71	73	72	73	74	74	71	74	73	72	73	73	72	74	73	73	71	72	70	70	67	70	
Total Gen		11886	11686	11478	11345	11137	10739	10686	10613	10620	10594	10555	10669	10748	10774	10914	11288	11346	12252	12865	13256	13536	13916	14127	14288	
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		-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-28	-28	-30	-30	-30	-30	-30	-30	-30	-30	
TIE-PLTG		-30	31	86	62	25	25	-25	-52	-62	-11	37	22	-7	-3	-103	101	1	-6	-10	30	-41	-17	1	-10	
Interconnection		-59	1	56	33	-4	-4	-54	-82	-91	-40	7	-8	-37	-32	-133	70	-28	-34	-40	1	-71	-47	-30	-40	
System Total		11945	11685	11422	11312	11141	10743	10740	10695	10711	10634	10548	10677	10785	10806	11047	11218	11374	12286	12905	13255	13607	13963	14157	14328	
SRev ST-Coal		7	26	52	55	67	133	4	77	76	27	63	58	14	34	-10	43	46	50	27	19	22	22	66	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		430	392	388	544	729	1005	1196	1202	1213	1262	1263	1240	1223	1209	1113	1411	1636	1120	1385	988	762	544	272	302	
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		5	6	5	3	4	3	2	2	5	2	3	4	3	3	4	2	3	3	5	4	6	6	6	9	
Syncon		453	453	453	302	453	453	453	302	302	453	453	453	453	302	302	302	453	453	453	453	453	453	302	453	
Hydro		30	29	42	169	28	44	37	154	162	40	41	54	37	156	155	99	46	218	36	38	62	138	138	266	
S.Reserve Total		937	918	952	1085	1293	1650	1704	1749	1770	1796	1835	1821	1742	1716	1576	1869	2184	1844	1904	1503	1303	1163	935	939	