

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,705 MW
Hydro	1,860 MW
Distillate	0 MW
Total TNB	7,705 MW
Total IPP	9,730 MW
Total Co-Gen	62 MW
System Total	17,497 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30

TNB Generation	6,295 MW
IPP Generation	8,121 MW
Total Set On Bus	15,333 MW
Maximum Demand	14,427 MW
Spinning Reserve	855 MW
Net Energy	304,269 MWH
Load Factor	87.9 %
Total Cost	RM
Cost per Unit	RM

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	11732	11144	10833	10543	10349	10305	10484	10898	11470	13029	13743	14300	14200	13858	14130	14240	14344	13944	13377	13600	13994	13646	12959	12538

Gas Usage

Station	(mmscfd)
CBPS	61
GLGR	65
PAKA	201
PGPS	44
SRDG	32
TJGS	111
TNB Total	514
KLPP	94
MPSS	59
PDPS	8
PGLA	106
PKLG	89
PLPS	71
PTEK	8
SGB3	31
SGRI	200
SKSP	49
YPGS	64
YPKA	72
IPP Total	851
Total Gas	1,365

Total Gas Required : 1,387
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	22
Total	22

Generation Mix

Type	MWh	Percentage
ST-Coal	49,524.00	16.28 %
Gas	63,443.00	20.85 %
Hydro	15,297.00	5.03 %
Total TNB	128,264.0	42.15 %
ST-Coal	66,130.0	21.73 %
ST-Gas	8,710.0	2.86 %
ST-Oil	2,090.0	0.69 %
Gas	98,641.0	32.42 %
Total IPP	175,571.0	57.70 %
Co-Gen	1,452.0	0.48 %
Total Co-Gen	1,452.0	0.48 %
Total Generation	305,287.0	100.33 %
PLTG	294.0	0.10 %
HVDC	724.0	0.24 %
Interconnection	1,018.0	0.33 %
Net Energy	304,269.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	398
Hydro	215
Syncon	231
Thermal	48
Total	892

	Weather	Temperature
Morning	Cloudy	24
Afternoon	Cloudy	31

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	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
SIHY	HY01	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	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	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	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	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	HY01	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	26	34	33	33	36	36	31	33	34	32	32	33	37	37	40	32	31	32	40	32	33	32	35	31
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		505	306	302	304	186	187	179	182	182	180	180	214	211	257	321	518	550	573	821	1016	1034	1113	1160	
PCUF	CUFG	46	45	44	44	42	46	46	44	45	45	47	44	44	44	43	44	44	45	46	45	45	45	47	44
PCUF	CUFK	11	12	14	16	17	17	18	18	18	18	17	18	18	17	19	17	17	17	17	17	17	18	17	16
Total Co-Gen		57	57	58	60	59	63	64	62	63	63	62	65	62	61	62	61	61	62	63	62	62	63	62	
Total Gen		11907	11509	11197	11108	10839	10788	10605	10452	10430	10382	10379	10419	10502	10552	10933	10970	11553	12422	12990	13600	13822	14101	14254	
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	30	30	30	30	31	31	31	31	29	29	30	30	31	31	30	30	30	30	31	31	30
TIE-PLTG		145	-81	23	-2	-24	50	32	28	50	-23	43	-7	-11	0	5	24	52	-23	-70	58	49	82	-77	20
Interconnection		175	-51	53	28	6	80	62	58	81	8	74	24	18	29	35	54	83	8	-39	88	79	112	-46	
System Total		11732	11560	11144	11080	10833	10708	10543	10394	10349	10374	10305	10395	10484	10523	10898	10916	11470	12414	13029	13512	13743	13989	14300	
SRev ST-Coal		46	41	47	44	41	48	49	61	61	47	48	47	51	46	46	64	65	58	39	79	81	74	95	5
SRev ST-Gas		0	0	0	0	0	35	35	35	36	36	35	35	35	35	35	35	35	40	5	-1	39	13	5	0
SRev ST-Oil		38	75	71	72	72	37	36	36	36	36	37	37	36	36	37	37	40	41	40	0	0	0	0	0
SRev CCGT-Gas		484	386	634	731	1008	1134	1309	1259	1282	1342	1343	1308	1251	1203	867	933	1110	564	243	314	400	278	312	284
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194	27	88	111	61	106
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		625	726	726	726	726	726	726	726	726	726	575	575	575	625	625	625	625	625	173	172	172	172	172	172
Hydro		102	200	204	202	120	119	127	124	124	126	126	125	243	246	200	86	90	107	94	298	257	288	311	288
S.Reserve Total		1295	1428	1682	1775	1967	2099	2283	2241	2264	2313	2315	2278	2192	2141	1759	1780	1962	1434	1241	930	1037	936	956	