

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,465	MW
Hydro	1,860	MW
Distillate	0	MW
Total TNB	6,775	MW
Total IPP	10,543	MW
Total Co-Gen	79	MW
System Total	17,397	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	5,721 MW
IPP Generation	9,190 MW
Total Set On Bus	15,829 MW
Maximum Demand	15,029 MW
Spinning Reserve	839 MW
Net Energy	314,773 MWH
Load Factor	87.3 %
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	12586	11961	11552	11316	10932	10858	11066	11260	11564	13247	14031	14688	14710	14303	14836	14959	14865	14578	13560	13330	13912	13745	13250	12731

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	65
PAKA	184
PGPS	43
SRDG	46
TJGS	154
TNB Total	538
KLPP	118
MPSS	58
PDPS	7
PGLA	113
PKLG	13
PLPS	100
PTEK	8
SGB3	77
SGRI	224
SKSP	55
YPKA	130
IPP Total	903
Total Gas	1,441
Total Gas Required :	1,441
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	34,932.00	11.10 %
Gas	66,461.00	21.11 %
Hydro	14,531.00	4.62 %
Total TNB	115,924.0	36.83 %
ST-Coal	80,778.0	25.66 %
ST-Gas	1,270.0	0.40 %
Gas	115,522.0	36.70 %
Total IPP	197,570.0	62.77 %
Co-Gen	1,864.0	0.59 %
Total Co-Gen	1,864.0	0.59 %
Total Generation	315,358.0	100.19 %
PLTG	-139.0	-0.04 %
HVDC	724.0	0.23 %
Interconnection	585.0	0.19 %
Net Energy	314,773.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	303
Hydro	201
Syncon	362
Thermal	104
Total	970

	Weather	Temperature
Morning	Sunny	23
Afternoon	Hot	33

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	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	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	-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	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	34	36	31	33	33	36	38	37	28	36	29	26	35	37	42	45	32	28	33	33	34	38	79	79
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	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		245	284	180	182	183	187	189	188	177	187	178	174	206	208	198	200	241	315	496	482	482	646	733	889
PCUF	CUFG	39	36	38	37	38	37	38	38	39	38	37	38	39	39	39	39	38	39	37	37	40	40	39	39
PCUF	CUFK	40	37	40	40	40	39	40	39	40	40	40	40	39	40	38	38	37	37	37	37	37	37	37	37
Total Co-Gen		79	73	78	77	78	76	78	77	79	78	76	77	80	78	79	79	78	81	78	80	77	78	76	78
Total Gen		12603	12438	12012	11861	11567	11614	11298	11264	11020	11078	10982	10964	11056	11011	11181	11405	11684	12607	13238	13693	14077	14460	14639	14827
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	31	31	30	30	31	31	31	29	29	30	30	31	31	30	29	30	30	30	30	30	30	30	30
TIE-PLTG		-13	-46	20	-51	-15	-28	-49	-54	57	-39	95	162	-40	-6	-110	-23	91	77	-38	40	16	51	-78	
Interconnection		17	-15	51	-21	15	3	-18	-23	88	-10	124	192	-10	25	-79	7	120	107	-9	70	46	81	-49	
System Total		12586	12453	11961	11882	11552	11611	11316	11227	10932	11088	10858	10772	11066	10986	11260	11398	11564	12500	13247	13623	14031	14379	14688	
SRev ST-Coal		112	110	92	118	108	110	106	93	114	209	219	224	210	226	175	164	115	121	109	117	112	157	151	
SRev ST-Gas		0	52	37	36	36	37	37	36	36	37	37	37	37	36	36	37	0	0	0	0	0	0	0	0
SRev CCGT-Gas		281	119	389	502	808	762	1086	1191	1345	1176	1246	1249	1212	1272	1414	1203	1220	1014	939	559	262	188	135	
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 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		727	576	727	727	727	727	727	727	727	727	727	576	576	576	727	727	727	626	626	626	626	475	475	
Hydro		174	186	139	137	136	132	130	131	142	132	141	145	264	262	272	119	178	103	123	138	136	223	314	
S.Reserve Total		1294	1043	1384	1520	1815	1768	2086	2178	2364	2281	2370	2382	2299	2372	2473	2250	2240	1965	1797	1440	1136	1231	1080	