

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,996 MW
Hydro	1,745 MW
Distillate	0 MW
Total TNB	7,121 MW
Total IPP	10,247 MW
Total Co-Gen	55 MW
System Total	17,853 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00	
TNB Generation	4,833 MW
IPP Generation	9,080 MW
Total Set On Bus	14,931 MW
Maximum Demand	14,015 MW
Spinning Reserve	963 MW
Net Energy	307,742 MWH
Load Factor	91.5 %
Total Cost	47,309,398 RM
Cost per Unit	15.72 cents/kWH

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	13071	12714	12282	11750	11356	11356	11261	10952	10995	12043	13152	13947	13755	13468	13832	13718	13712	13344	12910	13113	14015	13893	13510	13314

Gas Usage

Station	(mmscfd)
CBPS	53
GLGR	65
PAKA	92
PGPS	41
SRDG	9
TJGS	220
TNB Total	481
KLPP	94
MPSS	58
PDPS	4
PGLA	111
PLPS	85
PTEK	3
SGB3	64
SGRI	97
SKSP	51
YPGS	67
YPKA	100
IPP Total	732
Total Gas	1,213

Total Gas Required : 1,213
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,968.00	10.71 %
Gas	63,577.00	20.66 %
Hydro	6,210.00	2.02 %
Total TNB	102,755.0	33.39 %
ST-Coal	107,245.0	34.85 %
Gas	95,903.0	31.16 %
Total IPP	203,148.0	66.01 %
Co-Gen	1,302.0	0.42 %
Total Co-Gen	1,302.0	0.42 %
Total Generation	307,205.0	99.83 %
PLTG	157.0	0.05 %
HVDC	-694.0	-0.23 %
Interconnection	-537.0	-0.17 %
Net Energy	307,742.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	420
Hydro	141
Syncon	471
Thermal	78
Total	1110

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Hot 35

Daily MW Generation On Saturday

03-May-2014

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																											
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	-29	-29	-30	-30	-29	-29	-29	-29	-29	-27	-27	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-28	-28																											
TIE-PLTG		17	-42	-5	14	0	44	-35	21	83	6	-18	-27	-19	18	167	-41	-61	80	42	-38	24	-23	-46	-3																											
Interconnection		-13	-71	-34	-16	-30	15	-64	-8	54	-23	-47	-56	-48	-9	140	-70	-90	51	13	-67	-5	-52	-75	-32																											
System Total		13071	12803	12714	12339	12282	11911	11750	11648	11356	11418	11356	11131	11261	11163	10952	10819	10995	11680	12043	12643	13182	13508	13947	13954	13755	13680	13468	13685	13832	13978	13718	13840	13712	13812	13344	13190	12910	12831	13113	13727	14015	13983	13893	13804	13510	13439	13314	12945			
SRev ST-Coal		55	53	53	62	52	131	126	56	68	64	56	51	56	57	63	54	77	67	82	75	69	70	65	82	80	75	80	77	74	87	87	80	80	55	78	80	85	86	78	82	73	79	83	76	79	87	85	78			
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	0	0	0	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		588	576	272	630	404	612	508	646	855	914	991	1225	1082	1147	1151	1725	1576	1324	1224	777	328	427	251	235	343	309	505	270	245	206	396	312	325	198	571	561	682	732	562	584	295	248	237	299	304	244	336	261			
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	0	0	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	0	0	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		494	494	494	494	494	237	494	494	494	343	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494		
Hydro		124	125	121	120	118	334	121	124	138	249	125	128	124	116	153	142	92	123	126	113	96	127	114	125	347	134	134	134	79	213	139	119	125	127	150	132	121	117	110	118	93	126	112	114	257	132	131	124			
S.Reserve Total		1261	1248	940	1306	1068	1314	1249	1320	1555	1570	1666	1898	1756	1814	1861	2415	2239	2008	1926	1459	987	1157	938	967	1150	1079	1283	1029	934	893	1229	1106	1167	874	1293	1267	1382	1429	1244	1286	963	957	935	1055	983	957	1046	957			