

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,312 MW
Hydro	1,753 MW
Distillate	0 MW
Total TNB	6,445 MW
Total IPP	9,932 MW
Total Co-Gen	73 MW
System Total	16,450 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30

TNB Generation	6,105 MW
IPP Generation	9,518 MW
Total Set On Bus	16,328 MW
Maximum Demand	16,037 MW
Spinning Reserve	632 MW
Net Energy	328,956 MWH
Load Factor	85.5 %
Total Cost	71,257,354 RM
Cost per Unit	22.80 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	12929	12218	11806	11305	11039	10866	11201	11188	11912	13891	14884	15728	15677	15439	15820	15934	15807	15342	14190	14025	14908	14815	14358	13919

Gas Usage

Station	(mmscfd)
CBPS	118
GLGR	33
PAKA	194
PGGS	3
PGPS	35
SRDG	35
TJGS	113
TNB Total	531
KLPP	125
MPSS	58
PDPS	15
PGLA	93
PKLG	24
PLPS	120
PTEK	53
SGB3	105
SGRI	208
SKSP	57
YPGS	55
YPKA	109
IPP Total	1,021
Total Gas	1,552
Total Gas Required :	1,719
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
PDPS	46
PGGS	12
PGPS	17
PKLG	45
PTEK	15
SGB3	1
SGRI	16
SRDG	14
Total	167

Generation Mix

Type	MWh	Percentage
ST-Coal	32,819.00	9.98 %
Gas	65,268.00	19.84 %
Hydro	14,578.00	4.43 %
Distillate	4,106.00	1.25 %
Total TNB	116,771.0	35.50 %
ST-Coal	66,244.0	20.14 %
ST-Gas	2,331.0	0.71 %
ST-Oil	4,372.0	1.33 %
Gas	127,282.0	38.69 %
Distillate	7,505.0	2.28 %
Total IPP	207,734.0	63.15 %
Co-Gen	1,817.0	0.55 %
Total Co-Gen	1,817.0	0.55 %
Total Generation	326,322.0	99.20 %
PLTG	-52.0	-0.02 %
HVDC	-2,582.0	-0.78 %
Interconnection	-2,634.0	-0.80 %
Net Energy	328,956.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	434
Hydro	200
Syncon	273
Thermal	103
Total	1011

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 33

Daily MW Generation On Monday

31-Mar-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																										
SRev ST-Coal		98	95	94	92	72	91	94	99	93	93	96	97	99	101	95	84	86	92	93	98	95	91	91	97	114	100	104	94	91	90	93	100	96	96	97	102	104	95	101	113	100	87	99	92	96	93	85	102		
SRev ST-Gas		-2	3	-1	14	6	22	42	41	41	41	41	23	-60	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 ST-Oil		0	0	0	0	0	0	0	0	0	0	0	35	35	38	1	5	17	14	7	16	12	6	16	15	14	16	17	0	0	1	0	-5	3	2	2	6	0	1	9	1	9	11	31	10	8	7	2			
SRev CCGT-Gas		262	267	175	154	357	622	741	895	993	1062	1177	1070	869	614	799	1611	1006	494	250	262	232	242	243	265	280	278	393	394	302	304	301	312	278	274	375	276	424	368	239	173	170	166	181	202	153	147	298	141		
SRev OCGT-Gas		16	91	0	0	0	0	0	0	0	0	0	0	0	113	127	127	281	156	62	253	90	78	131	37	43	45	75	120	72	84	123	32	121	119	110	126	271	284	55	65	25	84	113	118	64	65	86			
SRev 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	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	645	343	494	645	645	645	645	645	645	645	645	645	645	645	731	388	625	625	388	388	302	0	0	151	106	106	0	0	0	0	0	0	0	151	539	731	731	731	388	388	539	539	625	625	625	625	625		
Hydro		265	134	204	224	126	126	130	126	134	139	151	129	95	126	122	111	105	203	120	76	163	174	203	123	189	152	284	282	211	204	205	209	227	463	394	69	83	160	157	90	252	163	180	101	101	89	80	78		
S.Reserve Total		1133	1235	815	978	1206	1506	1682	1806	1906	1980	2090	1989	1773	1461	1812	2579	2060	1475	1258	1130	1147	997	923	632	710	846	1021	1117	888	724	743	911	680	1100	1308	1269	1655	1811	1764	952	1103	1085	1224	1352	1253	1201	1319	1148		