

Availability At Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,230 MW
Hydro	1,743 MW
Distillate	1,002 MW
Total TNB	5,975 MW
Total IPP	10,397 MW
Total Co-Gen	44 MW
System Total	16,416 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,715 MW
IPP Generation	10,072 MW
Total Set On Bus	16,372 MW
Maximum Demand	16,390 MW
Spinning Reserve	541 MW
Net Energy	342,544 MWH
Load Factor	87.1 %
Total Cost	79,596,240 RM
Cost per Unit	25.03 cents/kWH

Maximum Demand Record

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

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	13109	12616	12238	11886	11557	11369	11735	11670	12270	14313	15284	15950	16061	15668	16169	16294	16390	16015	14872	14642	15702	15746	15130	14683

Gas Usage

Station	(mmscfd)
CBPS	59
GLGR	65
PAKA	164
PGPS	7
SRDG	61
TJGS	223
TNB Total	579
KLPP	106
MPSS	57
PGLA	103
PKLG	4
PLPS	122
PTEK	52
SGB3	78
SGRI	83
SKSP	56
YPGS	67
YPKA	128
IPP Total	855
Total Gas	1,434
Total Gas Required :	1,819
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
CBPS	45
KLPP	18
PDPS	66
PGGS	17
PGLA	13
PGPS	38
PKLG	85
PTEK	20
SGB3	24
SGRI	28
SRDG	31
Total	385

Generation Mix

Type	MWh	Percentage
ST-Coal	2,282.00	0.67 %
Gas	73,847.00	21.56 %
Hydro	20,994.00	6.13 %
Distillate	13,519.00	3.95 %
Total TNB	110,642.0	32.30 %
ST-Coal	90,412.0	26.39 %
ST-Gas	340.0	0.10 %
ST-Oil	8,360.0	2.44 %
Gas	110,494.0	32.26 %
Distillate	18,482.0	5.40 %
Total IPP	228,088.0	66.59 %
Co-Gen	1,130.0	0.33 %
Total Co-Gen	1,130.0	0.33 %
Total Generation	339,860.0	99.22 %
PLTG	-1,099.0	-0.32 %
HVDC	-1,585.0	-0.46 %
Interconnection	-2,684.0	-0.78 %
Net Energy	342,544.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	437
Hydro	100
Syncon	53
Thermal	54
Total	644

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

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	51	71	55	62	64	58	42	46	63	72	63	59	55	45	73	61	66	63	31	56	57	44	50	16	35	53	44	39	47	9	25	32	37	23	72	60	45	57	57	52	59	58	67	77	62	64	59	59		
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
SRev ST-Oil	2	1	1	2	2	1	1	2	2	1	1	2	2	2	2	2	2	2	1	1	2	2	-1	1	14	20	18	7	5	7	5	7	7	5	7	7	5	7	6	7	5	7	3	5	7					
SRev CCGT-Gas	441	395	380	216	447	723	748	739	548	598	805	700	521	530	732	1083	626	314	179	240	184	238	238	281	264	252	402	357	303	327	338	271	275	266	245	261	337	295	302	191	171	171	204	175	188	153	204	420		
SRev OCGT-Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113	118	22	75	28	56	25	82	76	35	35	33	35	41	50	55	61	74	92	77	63	98	275	58	64	59	54	55	83	53	43	90			
SRev Distillate	0	0	0	0	0	0	-7	161	114	48	45	46	200	227	192	197	356	195	300	186	168	173	177	182	179	249	323	105	108	106	111	110	97	110	113	101	200	108	101	106	92	90	92	144	138	210	115			
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	
Syncon	645	645	645	645	645	494	645	645	645	645	645	645	731	731	731	731	625	625	151	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
Hydro	142	134	135	141	134	263	134	129	114	142	139	132	122	124	148	156	143	98	76	245	222	161	42	49	53	231	125	44	83	39	40	75	51	49	89	122	174	169	127	122	110	44	40	235	204	158	261	325		
S.Reserve Total	1281	1246	1216	1066	1292	1539	1570	1554	1533	1572	1701	1583	1391	1632	1912	2205	1878	1576	1135	1089	695	688	551	603	589	750	857	795	574	538	579	562	541	514	615	789	1266	1451	1499	531	517	430	462	639	839	806	954	1188		