

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,100 MW
Hydro	1,782 MW
Distillate	1,265 MW
Total TNB	8,217 MW
Total IPP	11,769 MW
Total Co-Gen	31 MW
System Total	20,017 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	7,153 MW
IPP Generation	9,519 MW
Total Set On Bus	17,603 MW
Maximum Demand	16,663 MW
Spinning Reserve	900 MW
Net Energy	351,109 MWH
Load Factor	87.8 %
Total Cost	68,542,364 RM
Cost per Unit	20.61 cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	19/06/2014	354,829.0 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	14583	13977	13396	12989	12646	12267	12408	12275	12483	14344	15326	15972	15903	15598	15804	16383	16641	16320	15051	14623	15749	15714	15326	14997

Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	50
PAKA	185
SRDG	3
TJGS	146
TNB Total	431
KLPP	21
MPSS	48
PGLA	61
SGRI	56
SKSP	1
YPGS	66
YPKA	95
IPP Total	347
Total Gas	777

Total Gas Required : 1,394
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
CBPS	8
KLPP	70
PDPS	11
PGLA	42
PGPS	51
PKLG	134
PLPS	106
PTEK	10
SGRI	118
SKSP	6
SRDG	10
TJGS	50
Total	617

Generation Mix

Type	MWh	Percentage
ST-Coal	49,281.00	14.04 %
Gas	55,765.00	15.88 %
Hydro	19,938.00	5.68 %
Distillate	14,877.00	4.24 %
Total TNB	139,861.0	39.83 %
ST-Coal	107,352.0	30.58 %
ST-Oil	13,254.0	3.77 %
Gas	49,141.0	14.00 %
Distillate	41,987.0	11.96 %
Total IPP	211,734.0	60.30 %
Co-Gen	835.0	0.24 %
Total Co-Gen	835.0	0.24 %
Total Generation	352,430.0	100.38 %
PLTG	223.0	0.06 %
HVDC	1,098.0	0.31 %
Interconnection	1,321.0	0.38 %
Net Energy	351,109.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	638
Hydro	208
Syncon	101
Thermal	76
Total	1023

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 36

Daily MW Generation On Friday

20-Jun-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 Distillate		255	315	164	160	249	161	185	269	379	508	519	355	313	339	844	810	247	279	182	212	224	240	214	249	600	447	405	401	349	417	424	421	551	463	458	550	378	378	441	358	359	361	349	442	336	166	170		
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
Synoon		388	474	474	474	474	625	726	726	726	726	726	424	726	726	726	726	323	323	323	323	86	0	0	0	86	323	474	474	151	151	0	0	86	173	475	626	627	172	0	0	0	0	0	0	625	626	727		
Hydro		231	273	197	221	214	271	122	102	130	132	69	49	343	87	148	140	63	143	324	241	143	303	202	194	312	156	355	234	222	116	76	51	165	128	131	309	171	177	98	284	267	278	286	255	266	248	101	39	
S.Reserve Total		1593	1792	1767	1711	1800	1950	1949	2038	2293	2413	2659	2687	2545	2436	2594	3112	2869	1946	1575	1155	1117	983	860	848	1138	1235	1439	1452	1304	895	966	900	926	1006	1011	1241	1544	1746	1611	1240	969	936	933	894	1023	1565	1172	1210	