

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,625 MW
Hydro	1,873 MW
Distillate	0 MW
Total TNB	5,498 MW
Total IPP	14,318 MW
Total Co-Gen	27 MW
Total System	20,407 MW

Generation Mix

Type	MWh	Percentage
Gas	45,991	15.37 %
Hydro	6,172	2.06 %
Total TNB	52,163	17.43 %
ST-Coal	165,577	55.34 %
Gas	81,847	27.35 %
Total IPP	247,424	82.69 %
Co-Gen	393	0.13 %
Total Co-Gen	393	0.13 %
Total Generation	299,980	100.25 %
PLTG	120	0.04 %
HVDC	638	0.21 %
Interconnection	758	0.25 %
Net Energy	299,222	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	15,447 MW
TNB Generation	2,768 MW
IPP Generation	11,313 MW
Spinning Reserve	1,347 MW
Maximum Demand	14,118 MW
Net Energy	299,222 MWH
Load Factor	88.31 %

Fuel Cost

Total Cost:	36,439,441.45 RM
Cost per Unit	12.40 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	438
Hydro	153
Syncon	738
Thermal	175
Total	1,504

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
GLGR	54
PAKA	60
SRDG	4
TJGS	214
Total TNB	332
CBPS	53
KLPP	78
NPRI	136
PGLA	91
PLPS	67
PTEK	2
SGRI	169
Total IPP	597
Total Gas	929
Total Gas Required	929

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	13225	12674	12146	11818	11302	11147	11121	10799	10559	11291	11969	12575	12883	12758	13017	13259	13049	12778	12442	12617	13980	14118	13959	13746

Daily MW Generation on Monday

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																								
Syncon		802	802	500	651	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802	802																								
Hydro		85	133	157	172	52	57	101	86	92	84	90	89	88	216	144	131	125	130	125	132	130	131	122	302	225	182	167	170	134	115	132	136	141	132	143	136	390	134	130	85	171	161	170	172	134	131	167	144
S.Reserve Total		1176	1566	1260	1215	1346	1459	1557	1947	2151	2244	2335	2323	2328	2350	2665	3078	2926	2569	2184	2098	1773	1424	1312	1509	1576	1551	1718	1731	1505	1350	1377	1473	1558	1386	1635	1784	2140	2355	2051	1432	1333	1205	1347	1301	1470	1392	1498	1610