

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,504 MW
Distillate	0 MW
Total TNB	5,306 MW
Total IPP	17,043 MW
Total Co-Gen	70 MW
Total System	22,991 MW

Generation Mix

Type	MWh	Percentage
Gas	35,000	9.73 %
Hydro	8,921	2.48 %
Total TNB	43,921	12.21 %
ST-Coal	217,053	60.34 %
Gas	97,537	27.11 %
Total IPP	314,590	87.45 %
Co-Gen	1,473	0.41 %
Total Co-Gen	1,473	0.41 %
Total Generation	359,984	100.07 %
PLTG	-480	-0.13 %
HVDC	726	0.20 %
Interconnection	246	0.07 %
Net Energy	359,738	100.00 %

Maximum Demand Record

Date: 6/6/2018	18,010 MW
Date: 6/7/2018	382,778 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	18,546 MW
TNB Generation	2,495 MW
IPP Generation	14,471 MW
Spinning Reserve	1,528 MW
Maximum Demand	16,987 MW
Net Energy	359,738 MWH
Load Factor	88.24 %

Fuel Cost

Total Cost:	61,304,977.30 RM
Cost per Unit	17.46 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	419
Hydro	365
Syncon	904
Thermal	132
Total	1,820

Time Weather Temperature

Afternoon	Hot	35
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
GLGR	51
TJGS	197
Total TNB	249
CBPS	36
KLPP	96
NPRI	153
PGLA	107
PLPS	89
PTEK	27
SGRI	74
SKSP	37
YPKA	50
Total IPP	669
Total Gas	917
Total Gas Required	917

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	14748	14146	13665	13331	13011	12854	12873	12797	13101	14622	15600	16304	16222	15978	16249	16858	16948	16666	15514	15279	16093	16017	15353	15158

Daily MW Generation on Friday

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 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								
SRev CCGT-Gas		1019	730	846	1023	814	1016	1102	1301	1416	1577	1615	1588	1542	1543	1567	1697	1483	1013	813	747	494	324	316	276	386	296	377	355	472	366	327	251	275	271	331	218	332	385	435	392	287	304	367	532	654	730	424	320
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	
SRev Co-Gen		16	1	2	1	4	4	3	3	3	5	3	3	3	5	2	1	3	5	7	7	10	9	10	11	12	11	16	17	17	15	17	18	16	13	13	13	11	10	11	11	12	10	11	11	6	8	7	-4
Syncon		1349	1349	1349	1349	1349	1349	1349	1349	1349	1349	1349	1349	1198	1349	1349	1349	1349	1349	1349	1349	1349	1011	910	1011	860	1047	1047	1047	1047	946	825	741	741	741	313	928	962	1264	1264	1264	777	777	777	777	878	1264	962	962
Hydro		151	148	145	145	142	143	143	144	144	144	143	143	143	143	273	144	133	142	118	129	345	338	260	497	377	378	375	375	374	357	367	391	359	520	282	435	162	142	135	455	460	483	482	485	161	422	431	
S.Reserve Total		2691	2371	2481	2808	2694	2588	2651	2880	2977	3141	3170	3147	3109	3111	3159	3226	3033	2470	2337	2269	2134	1850	1722	1721	1892	1865	1933	1945	2059	1839	1674	1528	1581	1540	1324	1626	1970	2198	2213	1950	1674	1691	1767	1940	2274	2299	1939	1845