

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,497 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,299 MW</b>
<b>Total IPP</b>	<b>16,725 MW</b>
<b>Total Co-Gen</b>	<b>30 MW</b>
<b>Total System</b>	<b>22,626 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	36,660	10.40 %
Hydro	7,808	2.21 %
<b>Total TNB</b>	<b>44,468</b>	<b>12.61 %</b>
ST-Coal	212,852	60.36 %
Gas	95,127	26.97 %
<b>Total IPP</b>	<b>307,979</b>	<b>87.33 %</b>
Co-Gen	1,116	0.32 %
<b>Total Co-Gen</b>	<b>1,116</b>	<b>0.32 %</b>
<b>Total Generation</b>	<b>353,563</b>	<b>100.26 %</b>
PLTG	188	0.05 %
HVDC	726	0.21 %
<b>Interconnection</b>	<b>914</b>	<b>0.26 %</b>
<b>Net Energy</b>	<b>352,649</b>	<b>100.00 %</b>

### 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:	21:00:00 Hour
Total Set On Bus	17,662 MW
TNB Generation	2,429 MW
IPP Generation	13,548 MW
Spinning Reserve	1,656 MW
Maximum Demand	16,007 MW
Net Energy	352,649 MWH
Load Factor	91.80 %

### Fuel Cost

Total Cost:	59,918,495.03 RM
Cost per Unit	17.33 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	511
Hydro	290
Syncon	1,044
Thermal	112
<b>Total</b>	<b>1,957</b>

### Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	52
TJGS	208
<b>Total TNB</b>	<b>259</b>
CBPS	52
KLPP	70
NPRI	153
PGLA	106
PLPS	87
SGRI	36
SKSP	50
YPKA	76
<b>Total IPP</b>	<b>630</b>
<b>Total Gas</b>	<b>890</b>
<b>Total Gas Required</b>	<b>890</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### 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	15387	14846	14274	13800	13472	13395	13132	12723	12515	13549	14661	15171	15142	14993	15374	15589	15724	15490	15086	14968	15707	16007	15840	15694





### Daily MW Generation on Saturday

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																										
TIE-HVDC		30	30	29	29	30	30	31	31	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	31	31	30	30											
TIE-PLTG		47	-9	-23	48	14	-12	30	7	-7	-8	-8	11	19	4	6	19	-21	11	-13	-16	9	22	31	-6	12	5	29	-10	-12	-25	54	7	31	35	16	3	35	14	34	24	-4	-1	-30	9	-6	-27	14	18		
Interconnection		78	21	6	78	44	18	61	38	23	22	21	40	49	34	36	49	9	40	17	14	40	53	62	24	42	36	60	20	18	6	85	38	61	65	47	33	65	44	64	55	26	29	-1	39	25	4	43	48		
System Total		15387	15009	14846	14420	14274	14079	13800	13536	13472	13536	13395	13219	13132	12955	12723	12376	12515	13062	13549	14117	14661	14977	15171	15314	15142	15021	14993	15204	15374	15585	15589	15659	15724	15632	15490	15271	15086	15019	14968	15375	15707	15956	16007	15973	15840	15685	15694	15424		
SRev ST-Coal		83	137	129	168	231	63	74	151	215	230	215	222	226	95	142	264	388	252	95	5	67	179	127	207	110	170	108	167	159	139	118	111	119	131	109	131	169	171	178	181	120	63	61	56	78	62	161	124		
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	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		685	635	576	887	1029	1139	1365	1572	1560	1503	1635	1782	1874	2036	2237	2391	2149	1739	1479	941	521	453	535	390	565	629	700	558	390	298	396	348	272	348	528	555	640	727	751	479	453	325	308	277	388	362	271	361		
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 Co-Gen		-1	-1	-1	-1	-1	-1	-2	-2	-4	-2	-2	-2	-1	-4	-6	-3	-4	-5	-1	-1	-1	-3	0	0	1	1	1	2	1	1	1	1	1	1	0	1	1	0	-1	1	1	-1	0	1	0	-1	2	1	1	
Syncon		1072	1072	1072	1072	1223	1223	1223	1223	1223	1072	1223	1223	1072	1223	1223	1223	1223	1072	1223	1223	1223	1223	1234	1083	1083	1083	1083	1083	1047	1047	1047	896	896	896	1198	1349	1349	1349	1248	1097	862	862	711	711	711	1048	1048			
Hydro		273	260	259	263	137	136	136	139	138	266	140	143	275	138	273	153	139	138	266	138	136	136	129	128	271	274	269	263	252	286	302	334	465	466	476	258	128	128	126	248	285	426	424	506	521	620	394	396		
S.Reserve Total		2112	2103	2035	2389	2619	2560	2796	3083	3132	3069	3211	3368	3446	3488	3718	4028	3895	3347	2911	2306	1946	1988	2014	1959	2030	2157	2161	2073	1885	1771	1864	1841	1753	1841	2010	2143	2286	2374	2405	2157	1954	1676	1656	1550	1697	1757	1875	1930		