

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,019 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,821 MW</b>
<b>Total IPP</b>	<b>15,012 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>20,405 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	38,926	11.85 %
Hydro	6,994	2.13 %
<b>Total TNB</b>	<b>45,920</b>	<b>13.97 %</b>
ST-Coal	182,927	55.67 %
Gas	99,516	30.29 %
<b>Total IPP</b>	<b>282,443</b>	<b>85.96 %</b>
Co-Gen	900	0.27 %
<b>Total Co-Gen</b>	<b>900</b>	<b>0.27 %</b>
<b>Total Generation</b>	<b>329,263</b>	<b>100.20 %</b>
PLTG	-59	-0.02 %
HVDC	729	0.22 %
<b>Interconnection</b>	<b>670</b>	<b>0.20 %</b>
<b>Net Energy</b>	<b>328,593</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 8/15/2018	18,338 MW
Date: 8/15/2018	388,524 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	16,553 MW
TNB Generation	2,442 MW
IPP Generation	12,807 MW
Spinning Reserve	1,265 MW
Maximum Demand	15,355 MW
Net Energy	328,593 MWH
Load Factor	89.17 %

### Fuel Cost

Total Cost:	59,595,523.31 RM
Cost per Unit	18.49 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	518
Hydro	204
Syncon	644
Thermal	138
<b>Total</b>	<b>1,504</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	49
PGPS	23
TJGS	209
<b>Total TNB</b>	<b>281</b>
CBPS	51
NPRI	156
PGLA	106
PLPS	86
SGRI	141
SKSP	49
YPKA	74
<b>Total IPP</b>	<b>664</b>
<b>Total Gas</b>	<b>945</b>
<b>Total Gas Required</b>	<b>945</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	13777	13293	12864	12397	12128	11904	11818	11911	11708	12787	13641	14211	14208	14151	14586	14860	14936	14591	14104	14252	15120	15235	14876	14698





### 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																										
SRev CCGT-Gas		871	745	865	1144	1321	1499	1640	1714	1552	1588	1711	1858	1847	1878	1917	2154	2112	1614	1275	758	819	672	500	416	550	549	536	348	267	359	316	317	272	301	490	877	1090	1215	1056	467	592	428	434	483	481	597	603	682		
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	
SRev Co-Gen		7	7	7	6	7	6	7	7	6	6	5	5	6	5	5	5	5	7	8	9	9	8	10	10	9	10	10	10	10	10	11	10	10	10	10	8	7	8	7	7	7	6	6	8	6	6	6	6	7	8
Syncon		574	574	423	574	473	473	473	473	473	660	671	520	671	671	610	761	761	761	761	761	761	610	761	574	675	761	761	761	675	489	574	574	574	574	761	761	761	761	610	509	660	489	489	590	590	439	675	761		
Hydro		160	151	283	161	153	155	155	149	247	152	148	281	142	156	286	155	150	141	156	138	143	268	135	228	227	138	136	131	228	318	258	304	266	275	143	143	143	145	257	233	109	237	240	198	234	374	193	141		
S.Reserve Total		1827	1809	1974	2056	2150	2350	2561	2593	2452	2625	2715	2859	2849	2887	3009	3261	3202	2705	2387	1842	1754	1657	1452	1374	1602	1563	1522	1420	1318	1321	1298	1481	1327	1457	1714	2101	2300	2431	2242	1508	1607	1265	1273	1378	1463	1598	1632	1737		