

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,393 MW
Hydro	2,225 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,618 MW</b>
<b>Total IPP</b>	<b>15,268 MW</b>
<b>Total Co-Gen</b>	<b>70 MW</b>
<b>Total System</b>	<b>20,520 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	32,768	11.25 %
Hydro	11,381	3.91 %
<b>Total TNB</b>	<b>44,149</b>	<b>15.16 %</b>
ST-Coal	185,584	63.72 %
Gas	59,943	20.58 %
<b>Total IPP</b>	<b>245,527</b>	<b>84.30 %</b>
Co-Gen	1,516	0.52 %
<b>Total Co-Gen</b>	<b>1,516</b>	<b>0.52 %</b>
<b>Total Generation</b>	<b>291,192</b>	<b>99.98 %</b>
PLTG	628	0.22 %
HVDC	-685	-0.24 %
<b>Interconnection</b>	<b>-57</b>	<b>-0.02 %</b>
<b>Net Energy</b>	<b>291,249</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 10/23/2017	17,790 MW
Date: 4/20/2016	372,457 MWH

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

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	15,272 MW
TNB Generation	2,860 MW
IPP Generation	11,091 MW
Spinning Reserve	1,254 MW
Maximum Demand	14,025 MW
Net Energy	291,249 MWH
Load Factor	86.53 %

### Fuel Cost

Total Cost:	48,923,357.56 RM
Cost per Unit	17.48 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	403
Hydro	419
Syncon	466
Thermal	424
<b>Total</b>	<b>1,712</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	25

### Gas Usage

Station	(mmscfd)
GLGR	48
PGPS	0
TJGS	186
<b>Total TNB</b>	<b>235</b>
CBPS	54
KLPP	97
NPRI	78
PLPS	69
SGB3	33
SKSP	1
YPKA	61
<b>Total IPP</b>	<b>393</b>
<b>Total Gas</b>	<b>627</b>
<b>Total Gas Required</b>	<b>627</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	13156	12575	12193	11781	11480	11331	11295	11092	10838	11340	12106	12624	12605	12475	12573	12553	12628	12446	12438	13438	13976	13843	13604	13276



Daily MW Generation on Sunday

Table with columns for Station, Unit, and hourly generation (0000-2300) for various power stations including CEND, HTRG, KNRG, KNYR, LPIA, MNOR, PGAU, SIHY, SYPS, TMGR, UJLI, and UPIA. Includes summary rows for Total Hydro, Total Distillate, Total Co-Gen, Total Gen, TIE-EGAT, TIE-HVDC, TIE-PLTG, Interconnection, System Total, and generation breakdown by type (SRex ST-Coal, SRex CCGT-Gas, SRex ST-Gas).

### Daily MW Generation on Sunday

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 Co-Gen		20	23	20	22	20	20	19	17	16	11	1	0	0	3	1	1	-1	-1	1	-1	0	4	0	3	3	3	4	3	7	4	2	2	2	2	1	1	3	0	1	2	-11	-10	-11	-11	1	-4	-4	-13
Syncon		1159	1010	922	922	1008	1159	1159	1159	1159	1008	1008	1008	1008	1008	1159	1159	1008	822	736	610	796	610	610	691	696	698	698	610	610	610	610	698	761	459	761	947	947	695	695	424	912	972	660	660	323	509	509	509
Hydro		176	258	177	217	263	124	111	112	138	267	219	219	226	221	137	138	240	267	343	241	212	276	384	330	496	418	402	437	309	381	346	272	118	393	165	163	116	381	190	242	121	116	133	134	314	327	217	229
S.Reserve Total		2055	2030	1799	2168	1897	2023	2024	2050	2156	2116	2153	2273	2321	2303	2528	2828	2763	2239	2394	2158	2025	1989	1771	1912	2082	2177	2232	2151	1810	1840	1933	1874	1712	1533	1884	1972	1856	2052	1420	1252	1548	1565	1445	1503	1428	1706	1614	1807