

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	1,894 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,696 MW</b>
<b>Total IPP</b>	<b>15,773 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>21,041 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	39,481	11.21 %
Hydro	9,018	2.56 %
<b>Total TNB</b>	<b>48,499</b>	<b>13.77 %</b>
ST-Coal	208,603	59.25 %
Gas	93,250	26.49 %
<b>Total IPP</b>	<b>301,853</b>	<b>85.73 %</b>
Co-Gen	814	0.23 %
<b>Total Co-Gen</b>	<b>814</b>	<b>0.23 %</b>
<b>Total Generation</b>	<b>351,166</b>	<b>99.74 %</b>
PLTG	-221	-0.06 %
HVDC	-698	-0.20 %
<b>Interconnection</b>	<b>-919</b>	<b>-0.26 %</b>
<b>Net Energy</b>	<b>352,085</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:	11:00:00 Hour
Total Set On Bus	17,699 MW
TNB Generation	2,493 MW
IPP Generation	13,883 MW
Spinning Reserve	1,288 MW
Maximum Demand	16,482 MW
Net Energy	352,085 MWH
Load Factor	89.01 %

### Fuel Cost

Total Cost:	62,420,944.39 RM
Cost per Unit	18.24 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	600
Hydro	243
Syncon	717
Thermal	136
<b>Total</b>	<b>1,696</b>

### Time Weather Temperature

Afternoon	Rainy	32
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	51
PGPS	31
TJGS	207
<b>Total TNB</b>	<b>290</b>
CBPS	51
NPRI	150
PGLA	110
PLPS	91
SGB3	26
SGRI	152
SKSP	36
YPKA	73
<b>Total IPP</b>	<b>690</b>
<b>Total Gas</b>	<b>979</b>
<b>Total Gas Required</b>	<b>979</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	14387	13598	13279	12916	12616	12476	12814	12916	13201	14813	15702	16482	16287	15650	15598	16078	16152	15903	15133	15141	15863	15474	14978	14433





### 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																										
Interconnection		-26	-69	-58	-62	-69	-38	-75	-17	-9	-54	-33	14	-40	-13	-34	4	7	-16	-8	-33	-79	-10	-71	-43	-92	-7	-31	-60	-38	-118	-57	-64	-19	-33	-58	-23	8	-24	4	-51	-46	-36	-1	-14	-34	-58	-48	-108		
System Total		14387	14071	13598	13418	13279	13003	12916	12758	12616	12531	12476	12502	12814	13019	12916	12701	13201	14149	14813	15274	15702	16172	16482	16454	16287	15964	15650	15715	15598	15962	16078	16114	16152	16148	15903	15460	15133	14873	15141	15875	15863	15800	15474	15262	14978	14613	14433	14200		
SRev ST-Coal		136	271	310	198	216	214	193	195	193	147	145	53	143	151	134	108	101	249	153	141	147	142	195	144	126	156	162	145	154	138	116	112	87	109	94	87	104	101	162	144	134	152	142	142	158	146	165	206		
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		1572	1668	2039	2014	1888	1777	1908	2067	2188	2125	2184	2180	1950	1728	1961	2205	1711	1198	1236	639	460	359	270	464	528	571	817	799	882	620	551	504	427	464	714	979	1258	1553	889	389	533	574	763	713	712	1087	979	867		
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		9	10	9	6	7	6	6	4	3	3	3	4	3	4	0	1	0	2	4	5	6	5	5	7	5	7	8	6	7	5	6	9	9	8	6	8	8	7	8	9	7	7	8	9	8	9	8	9	7	8
Syncon		850	850	786	635	786	786	786	786	786	786	635	786	786	786	786	786	786	887	887	701	575	388	575	610	761	761	761	772	700	549	700	700	700	887	887	887	887	887	700	700	786	887	887	635	786	786				
Hydro		120	120	124	251	123	123	123	126	124	126	254	125	124	126	125	126	125	126	129	200	233	228	243	346	331	359	193	194	196	191	291	421	289	249	286	147	147	148	144	132	219	238	238	195	94	228	92	16		
S.Reserve Total		2687	2919	3268	3104	3020	2906	3016	3178	3294	3187	3221	3148	3006	2795	3006	3226	2723	2361	2308	1872	1733	1435	1288	1349	1565	1703	1941	1905	2000	1726	1664	1595	1512	1530	1800	2108	2404	2696	2090	1561	1593	1671	1937	1946	1859	2105	2029	1883		