

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,254 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,254 MW</b>
<b>Total IPP</b>	<b>15,850 MW</b>
<b>Total Co-Gen</b>	<b>65 MW</b>
<b>Total System</b>	<b>20,892 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	9,239	2.90 %
Gas	35,433	11.12 %
<b>Total TNB</b>	<b>44,672</b>	<b>14.02 %</b>
ST-Coal	189,188	59.36 %
LSS	948	0.30 %
Gas	81,412	25.55 %
<b>Total IPP</b>	<b>271,548</b>	<b>85.21 %</b>
Co-Gen	1,393	0.44 %
<b>Total Co-Gen</b>	<b>1,393</b>	<b>0.44 %</b>
<b>Total Generation</b>	<b>317,613</b>	<b>99.66 %</b>
PLTG	-378	-0.12 %
HVDC	-697	-0.22 %
<b>Interconnection</b>	<b>-1,075</b>	<b>-0.34 %</b>
<b>Net Energy</b>	<b>318,688</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:	21:00:00 Hour
Total Set On Bus	16,542 MW
TNB Generation	2,486 MW
IPP Generation	12,613 MW
Spinning Reserve	1,385 MW
Maximum Demand	15,172 MW
Net Energy	318,688 MWH
Load Factor	87.52 %

### Fuel Cost

Total Cost:	64,503,246.49 RM
Cost per Unit	20.92 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	365
Hydro	396
Syncon	757
Thermal	257
<b>Total</b>	<b>1,775</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	54
SRDG	10
TJGS	192
PGPS	0
<b>Total TNB</b>	<b>255</b>
KLPP	72
NPRI	119
PGLA	109
PLPS	56
PTEK	15
SGRI	69
SKSP	7
YPKA	48
<b>Total IPP</b>	<b>495</b>
<b>Total Gas</b>	<b>750</b>

### Alternate Fuel Usage

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

**Total Gas Required 750**

### 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	14043	13464	12995	12604	12278	12066	12171	12029	11457	12018	12783	13139	13172	13128	13458	13641	13712	13491	13215	13521	15070	15172	15030	14659





### 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																										
TIE-HVDC		-29	-30	-30	-30	-29	-29	-29	-29	-30	-29	-29	-28	-28	-29	-28	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-30	-27	-30	-30	-30	-28	-31	-30	-28												
TIE-PLTG		-11	-58	-27	-87	-31	-36	-58	-75	-9	-33	1	-23	-22	7	-6	-41	-44	-5	16	-23	-49	-60	0	-2	-10	-9	-5	-29	-2	10	25	18	18	38	-36	1	-23	-36	49	-13	12	-38	19	3	-14	-16	-11	-34		
Interconnection		-40	-88	-57	-117	-61	-65	-87	-104	-38	-63	-29	-52	-51	-22	-34	-70	-73	-33	-13	-51	-77	-90	-29	-31	-39	-38	-33	-58	-31	-19	-4	-10	-10	9	-64	-28	-52	-64	21	-43	-15	-68	-11	-27	-42	-47	-41	-62		
System Total		14043	13733	13464	13119	12995	12809	12604	12551	12278	12137	12066	12172	12171	12214	12029	11744	11457	11769	12018	12429	12783	12956	13139	13156	13172	13181	13128	13344	13458	13504	13641	13719	13712	13669	13491	13248	13215	13233	13521	14684	15070	15153	15172	15125	15030	14930	14659	14457		
SRev ST-Coal		239	392	389	386	396	505	492	454	513	500	493	501	486	503	492	539	465	497	202	187	193	179	176	166	230	598	463	194	140	204	185	146	200	186	228	178	174	169	364	320	252	378	261	261	258	266	264	259		
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	93	42	11	11	11	8	7	4	42	
SRev CCGT-Gas		702	328	247	310	421	252	526	153	196	435	493	409	409	311	528	661	952	787	818	587	464	612	476	545	554	221	379	477	384	239	255	355	433	449	599	667	717	660	521	159	348	258	248	267	321	204	216	202		
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	-1
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-3	-10	-12	4	12	-6	12	-17	11	-14	-14	1	16	10	25	12	5	7	17	9	3	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		1	4	6	4	5	5	2	4	7	4	4	3	2	6	4	4	3	5	6	4	6	6	9	9	10	7	11	12	10	11	10	11	9	10	9	9	9	7	6	8	10	10	8	7	7	9	10	9	9	
Syncon		838	187	374	838	838	838	651	651	838	838	838	838	838	838	838	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	989	838	989	989	989	86	86	363	363	363	363	701	838	838
Hydro		394	442	438	412	397	398	398	489	399	401	402	400	400	398	400	270	270	270	278	285	282	285	291	414	285	348	338	309	311	307	345	345	347	347	288	409	280	281	287	499	482	585	495	539	599	375	374	453		
S.Reserve Total		2174	1353	1454	1950	2057	1998	2069	1751	1953	2178	2230	2151	2135	2056	2262	2463	2680	2545	2283	2040	1938	2083	1935	1984	2051	2023	2166	1967	1835	1766	1794	1871	1990	1986	2120	2118	2176	2108	2169	1167	1220	1603	1385	1448	1558	1563	1705	1802		