

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,454 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,454 MW</b>
<b>Total IPP</b>	<b>16,738 MW</b>
<b>Total Co-Gen</b>	<b>65 MW</b>
<b>Total System</b>	<b>22,331 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	10,589	2.95 %
Gas	37,790	10.51 %
<b>Total TNB</b>	<b>48,379</b>	<b>13.46 %</b>
ST-Coal	193,464	53.82 %
LSS	540	0.15 %
Gas	116,992	32.55 %
<b>Total IPP</b>	<b>310,996</b>	<b>86.52 %</b>
Co-Gen	1,402	0.39 %
<b>Total Co-Gen</b>	<b>1,402</b>	<b>0.39 %</b>
<b>Total Generation</b>	<b>360,777</b>	<b>100.36 %</b>
PLTG	460	0.13 %
HVDC	847	0.24 %
<b>Interconnection</b>	<b>1,307</b>	<b>0.36 %</b>
<b>Net Energy</b>	<b>359,470</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:	14:30:00 Hour
Total Set On Bus	18,193 MW
TNB Generation	2,759 MW
IPP Generation	14,172 MW
Spinning Reserve	1,186 MW
Maximum Demand	16,939 MW
Net Energy	359,470 MWH
Load Factor	88.42 %

### Fuel Cost

Total Cost:	73,907,947.30 RM
Cost per Unit	21.10 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	363
Hydro	474
Syncon	702
Thermal	146
<b>Total</b>	<b>1,685</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	26

### 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	14350	13691	13148	12780	12619	12517	12922	12966	13259	14948	15970	16408	16314	15897	16529	16835	16886	16565	15478	15472	16232	16190	15656	15145

### Gas Usage

Station	(mmscfd)
GLGR	52
SRDG	4
TJGS	212
<b>Total TNB</b>	<b>267</b>
CBPS	54
KLPP	97
MPSS	47
NPRI	150
PGLA	113
PLPS	88
PTEK	5
SGRI	77
SKSP	49
YPKA	78
<b>Total IPP</b>	<b>758</b>
<b>Total Gas</b>	<b>1,025</b>

### Alternate Fuel Usage

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

**Total Gas Required 1,025**





### Daily MW Generation on Thursday

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																												
Total Gen		14391	14120	13802	13406	13232	13047	12866	12810	12664	12631	12541	12646	12894	13142	13030	12974	13349	14452	15017	15513	15942	16291	16421	16632	16387	16090	16007	16429	16589	16986	16905	16874	16921	16935	16657	16148	15678	15274	15467	16207	16303	16273	16247	15985	15730	15369	15181	14828				
TIE-EGAT		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	0	0
TIE-HVDC		30	30	30	30	30	30	30	30	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	29	29	31	31	29	31	29	31	29	267	31	31	31	29	29	31	31	30	30	30	30	30	30	30	30		
TIE-PLTG		11	25	81	-11	55	11	55	25	14	-17	-7	20	-59	10	34	-20	59	37	37	-38	-59	12	-18	30	43	24	79	76	31	16	39	-4	4	65	61	51	-66	-3	-36	0	42	90	27	-2	45	6	6	39				
Interconnection		41	55	111	19	84	41	86	55	45	14	24	51	-28	40	64	11	90	68	69	-7	-28	43	13	61	73	55	110	105	60	47	70	25	35	94	92	81	200	28	-5	31	71	119	57	29	74	36	36	69				
System Total		14350	14065	13691	13387	13148	13006	12780	12755	12619	12617	12517	12595	12922	13102	12966	12963	13259	14384	14948	15520	15970	16248	16408	16571	16314	16035	15897	16324	16529	16939	16835	16849	16886	16841	16565	16067	15478	15246	15472	16176	16232	16154	16190	15956	15656	15333	15145	14759				
SRev ST-Coal		199	195	183	394	405	401	401	406	382	391	388	398	391	370	398	408	394	390	318	193	187	199	196	204	204	195	197	204	100	100	77	96	103	119	100	108	110	102	111	109	121	109	124	124	105	92	110	92				
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	0	0
SRev CCGT-Gas		352	539	861	994	1210	1355	1538	1593	1758	1780	1878	1764	1521	1288	1373	1436	1110	392	522	392	279	249	307	302	454	424	417	298	288	252	350	283	275	270	453	566	682	978	772	239	399	373	339	438	575	702	538	749				
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	0	0
SRev LSS		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	0	0
SRev Co-Gen		0	1	3	1	4	3	3	3	6	4	4	5	5	4	9	7	8	11	8	10	8	6	12	7	8	6	7	9	8	10	7	7	8	9	6	8	7	7	8	11	8	9	7	5	7	7	7	8				
Syncon		313	626	727	878	878	878	878	878	962	962	1113	1113	1113	1113	1113	1113	1174	1174	1174	1023	710	523	437	624	962	1088	588	588	336	437	437	437	437	437	714	786	1214	1214	901	588	775	901	1089	1214	1027	1027	1027					
Hydro		627	401	406	275	272	274	279	273	275	275	274	274	272	275	271	271	274	273	280	274	338	422	576	543	501	385	363	542	545	483	524	612	568	567	666	551	594	267	268	421	619	499	420	272	307	284	280	286				
S.Reserve Total		1491	1762	2180	2542	2769	2911	3099	3153	3299	3412	3506	3554	3302	3050	3164	3235	2899	2240	2302	2043	1835	1586	1614	1493	1791	1972	2072	1641	1600	1186	1403	1442	1396	1407	1666	1987	2179	2568	2373	1681	1735	1765	1791	1928	2208	2112	1962	2162				