

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,459 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,459 MW</b>
<b>Total IPP</b>	<b>15,915 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>20,173 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	13,607	3.66 %
Gas	36,138	9.72 %
<b>Total TNB</b>	<b>49,745</b>	<b>13.37 %</b>
ST-Coal	193,863	52.12 %
ST-Gas	9,601	2.58 %
LSS	1,014	0.27 %
Gas	115,094	30.94 %
<b>Total IPP</b>	<b>319,572</b>	<b>85.92 %</b>
Co-Gen	1,703	0.46 %
<b>Total Co-Gen</b>	<b>1,703</b>	<b>0.46 %</b>
<b>Total Generation</b>	<b>371,020</b>	<b>99.75 %</b>
PLTG	-211	-0.06 %
HVDC	-706	-0.19 %
<b>Interconnection</b>	<b>-917</b>	<b>-0.25 %</b>
<b>Net Energy</b>	<b>371,937</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:	16:30:00 Hour
Total Set On Bus	19,168 MW
TNB Generation	2,931 MW
IPP Generation	14,644 MW
Spinning Reserve	1,494 MW
Maximum Demand	17,692 MW
Net Energy	371,937 MWH
Load Factor	87.60 %

### Fuel Cost

Total Cost:	78,422,152.65 RM
Cost per Unit	21.94 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	345
Hydro	625
Syncon	556
Thermal	182
<b>Total</b>	<b>1,708</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	0

### Gas Usage

Station	(mmscfd)
GLGR	48
PAKA	50
PGPS	41
SRDG	17
TJGS	120
<b>Total TNB</b>	<b>275</b>
KLPP	112
MPSS	57
NPRI	78
PDPS	15
PGLA	115
PKLG	3
PLPS	80
PTEK	32
SGB3	56
SGRI	86
SKSP	52
YPKA	93
PKLG	96
<b>Total IPP</b>	<b>873</b>
<b>Total Gas</b>	<b>1,149</b>
<b>Total Gas Required</b>	<b>1,149</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	14970	14137	13845	13331	13147	12870	13262	13276	13646	15374	16258	16957	16834	16579	17136	17606	17542	17093	16267	15853	16785	16673	16268	15686





### Daily MW Generation on Wednesday

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
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY02	63	64	63	64	64	35	35	35	36	36	36	36	35	35	35	35	35	35	35	35	35	35	35	35
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		300	307	254	258	259	257	227	226	226	229	223	229	330	289	230	230	235	230	225	394	677	798	790	846
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	10	11	15	17	19	23	25	27	28
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	16	21	27	34	33	31	37	45	50
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	20	28	33	41	47	50	50	28	39
SLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	4	10	15	21	30	34	37	38	43	43	45	45
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	12	35	61	81	105	126	136	142	155	143	162
PCUF	CUFG	25	26	27	27	26	28	29	28	28	27	29	30	27	27	28	28	29	28	27	28	28	26	31	38
PCUF	CUFK	33	34	33	32	34	36	36	36	34	33	34	34	35	34	34	34	32	34	35	33	33	33	34	35
Total Co-Gen		58	60	60	59	60	64	65	64	62	60	63	64	62	61	60	62	62	63	60	61	63	61	60	64
Total Gen		14911	14608	14126	13953	13784	13488	13281	13115	13069	13003	12812	12933	13234	13352	13275	13088	13610	14370	15323	15843	16194	16537	16846	16973
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
TIE-HVDC		-29	-29	-28	-28	-29	-29	-30	-30	-30	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		-30	-3	18	-30	-32	-78	-20	-16	-48	13	-29	16	1	-28	28	-39	-6	5	-22	-34	-34	-20	-81	
Interconnection		-59	-33	-11	-58	-61	-107	-50	-46	-78	-16	-58	-13	-28	-58	-1	-68	-36	-25	-51	-63	-64	-49	-111	
System Total		14970	14641	14137	14011	13845	13595	13331	13161	13147	13019	12870	12946	13262	13410	13276	13156	13646	14395	15374	15906	16258	16586	16957	
SRev ST-Coal		198	158	225	401	399	394	394	388	340	330	334	301	305	314	310	321	299	308	119	206	199	203	208	
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
SRev CCGT-Gas		760	483	823	648	689	994	1099	1205	1291	1370	1554	1470	1270	1103	1120	1299	977	769	716	429	395	191	212	
SRev ST-Gas		7	7	6	6	6	6	46	42	41	41	41	41	41	41	41	42	47	9	6	5	7	7	7	
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
SRev Co-Gen		7	5	5	6	5	1	0	1	3	5	2	1	3	4	5	3	3	2	5	4	2	4	5	
Syncon		989	989	989	989	989	989	989	989	989	989	989	989	989	838	989	863	863	863	863	863	863	676	489	
Hydro		309	302	280	276	275	277	307	308	308	305	311	305	204	396	304	305	300	305	310	426	655	721	729	
S.Reserve Total		2270	1944	2328	2326	2363	2661	2835	2933	2972	3040	3231	3107	2812	2696	2769	2832	2484	2294	2022	1934	1932	1719	1655	