

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,302 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,302 MW</b>
<b>Total IPP</b>	<b>16,981 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,432 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	10,293	2.80 %
Gas	41,551	11.29 %
<b>Total TNB</b>	<b>51,844</b>	<b>14.08 %</b>
ST-Coal	185,936	50.50 %
ST-Gas	9,908	2.69 %
LSS	1,047	0.28 %
Gas	118,259	32.12 %
<b>Total IPP</b>	<b>315,150</b>	<b>85.60 %</b>
Co-Gen	1,318	0.36 %
<b>Total Co-Gen</b>	<b>1,318</b>	<b>0.36 %</b>
<b>Total Generation</b>	<b>368,312</b>	<b>100.04 %</b>
PLTG	-288	-0.08 %
HVDC	431	0.12 %
<b>Interconnection</b>	<b>143</b>	<b>0.04 %</b>
<b>Net Energy</b>	<b>368,169</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	18,938 MW
TNB Generation	2,862 MW
IPP Generation	14,512 MW
Spinning Reserve	1,483 MW
Maximum Demand	17,459 MW
Net Energy	368,169 MWH
Load Factor	87.87 %

### Fuel Cost

Total Cost:	77,270,841.98 RM
Cost per Unit	21.58 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	368
Hydro	717
Syncon	412
Thermal	256
<b>Total</b>	<b>1,753</b>

### Time Weather Temperature

Afternoon	Rainy	32
Morning	Hot	28

### Gas Usage

Station	(mmscfd)
GLGR	51
PAKA	49
PGPS	39
SRDG	5
TJGS	166
<b>Total TNB</b>	<b>310</b>
CBPS	56
KLPP	98
MPSS	47
NPRI	155
PGLA	111
PLPS	91
PTEK	8
SGRI	77
SKSP	36
YPKA	86
PKLG	99
<b>Total IPP</b>	<b>865</b>
<b>Total Gas</b>	<b>1,175</b>
<b>Total Gas Required</b>	<b>1,175</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	14849	14019	13450	13162	12920	12705	12937	13027	13543	15143	16098	16728	16677	16286	16939	17290	17435	17209	15899	15711	16871	16801	16342	15760





### Daily MW Generation on Tuesday

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																																
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	15	18	20	19	23	26	28	24	27	15	18	23	20	23	5	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0							
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	21	26	33	37	40	41	41	47	48	44	39	43	28	39	8	7	20	13	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	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				
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	16	30	27	38	28	31	18	50	50	48	50	31	7	12	47	40	16	12	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	15	22	29	30	26	33	19	34	48	47	45	44	35	38	33	29	22	10	13	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	23	55	88	100	122	111	128	105	153	169	170	154	132	108	98	142	82	48	45	36	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	28	27	28	27	27	28	28	27	28	29	27	28	27	28	27	26	26	27	24	22	22	21	22	21	22	20	21	21	21	21	21	12	13	12	14	14	14	13	14	13	14	13	15	14	13	15	13	16	16							
PCUF	CUFK	33	32	34	33	35	33	31	35	34	34	34	35	33	36	34	33	32	32	35	33	32	32	34	33	33	34	33	34	32	32	33	33	35	34	32	34	32	34	34	33	31	33	32	31	36	33	33									
Total Co-Gen		61	59	62	60	62	61	59	62	62	61	62	63	61	63	60	64	61	59	58	59	59	55	54	53	56	54	55	54	55	53	53	54	54	47	47	44	48	46	47	48	46	47	48	46	47	45	46	49	49							
Total Gen		14875	14490	14074	13722	13475	13341	13193	13028	12924	12827	12697	12887	12944	13283	13075	12988	13513	14569	15172	15649	16041	16463	16755	16815	16705	16436	16283	16577	16887	17210	17312	17329	17425	17428	17226	16466	15956	15558	15702	16634	16849	16845	16856	16538	16326	15864	15748	15464								
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	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	0	29	-57	30	30				
TIE-PLTG		-4	42	25	-68	-6	-6	0	-2	-27	-21	-38	-11	-24	22	17	-38	-60	-6	-1	-42	-88	-17	-3	-41	-3	12	-3	-33	-53	-34	22	12	-10	-31	17	31	57	-53	-9	-36	-22	21	24	17	-45	-16	-42	0								
Interconnection		26	73	55	-37	25	25	31	28	4	9	-8	19	7	53	48	-7	-30	25	29	-12	-57	13	27	-10	28	12	-3	-32	-52	-34	22	12	-10	-31	17	31	57	-53	-9	-36	-22	52	55	17	-16	-73	-12	30								
System Total		14849	14417	14019	13759	13450	13316	13162	13000	12920	12818	12705	12868	12937	13230	13027	12995	13543	14544	15143	15661	16098	16450	16728	16825	16677	16424	16286	16609	16939	17244	17290	17317	17435	17459	17209	16435	15899	15611	15711	16670	16871	16793	16801	16521	16342	15937	15760	15434								
SRev ST-Coal		391	403	405	390	392	404	394	416	395	405	408	405	391	405	394	408	398	395	369	244	247	248	245	267	252	266	248	253	221	212	198	209	207	192	189	212	202	206	264	267	254	260	267	259	260	276	189	398								
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	5	7	4	4	2	3	9	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
SRev CCGT-Gas		261	287	686	676	762	835	997	1140	1262	1357	1482	1297	1248	902	1109	1344	1176	777	588	569	331	436	383	360	442	522	527	364	357	313	357	318	352	305	414	476	672	996	757	296	241	249	286	346	338	489	480	414								
SRev ST-Gas		2	2	17	37	76	73	73	73	73	73	73	73	68	68	68	68	67	71	69	69	76	0	-2	-26	-5	36	37	4	2	-10	-7	-1	5	36	72	-1	-1	-2	0	0	2	-13	2	1	1	1	78									
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	-1	-1	-1	0								
SRev Co-Gen		4	6	3	5	3	4	6	3	3	4	3	2	4	2	5	1	4	6	7	6	6	10	11	12	9	11	10	11	1	0	2	2	1	1	8	8	11	7	9	8	7	9	9	8	10	9	6	6								
Syncon		924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924	924								
Hydro		380	378	379	382	384	388	388	387	387	386	386	384	385	382	387	388	386	381	438	559	685	712	915	774	821	648	539	764	747	688	835	761	897	892	822	687	704	567	507	652	656	657	667	685	415	423	378	381								
S.Reserve Total		1962	2000	2414	2414	2541	2628	2782	2943	3044	3149	3276	3085	3025	2683	2887	3133	2830	2424	2271	2094	1985	2042	1927	1784	1871	2088	2158	2074	1790	1680	1576	1661	1546	1483	1558	2151	2219	2487	2332	1496	1431	1450	1489	1860	1972	2146	2002	2226								