

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,305 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,107 MW</b>
<b>Total IPP</b>	<b>15,328 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>21,007 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	50,380	13.34 %
Hydro	10,251	2.71 %
<b>Total TNB</b>	<b>60,631</b>	<b>16.05 %</b>
ST-Coal	185,150	49.01 %
Gas	130,440	34.53 %
<b>Total IPP</b>	<b>315,590</b>	<b>83.55 %</b>
Co-Gen	689	0.18 %
<b>Total Co-Gen</b>	<b>689</b>	<b>0.18 %</b>
<b>Total Generation</b>	<b>376,910</b>	<b>99.78 %</b>
PLTG	-134	-0.04 %
HVDC	-699	-0.19 %
<b>Interconnection</b>	<b>-833</b>	<b>-0.22 %</b>
<b>Net Energy</b>	<b>377,743</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	19,138 MW
TNB Generation	3,383 MW
IPP Generation	14,084 MW
Spinning Reserve	1,646 MW
Maximum Demand	17,502 MW
Net Energy	377,743 MWH
Load Factor	89.93 %

### Fuel Cost

Total Cost:	70,198,632.38 RM
Cost per Unit	19.15 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	454
Hydro	398
Syncon	882
Thermal	129
<b>Total</b>	<b>1,863</b>

### Time Weather Temperature

Afternoon	Rainy	32
Morning	Cloudy	26

### Gas Usage

Station	(mmscfd)
CBPS	27
GLGR	47
PAKA	35
PGPS	37
TJGS	223
<b>Total TNB</b>	<b>370</b>
CBPS	55
KLPP	107
NPRI	150
PGLA	116
PLPS	99
SGB3	54
SGRI	177
SKSP	54
YPKA	85
<b>Total IPP</b>	<b>897</b>
<b>Total Gas</b>	<b>1,266</b>

**Total Gas Required 1,266**

### 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	15961	15191	14625	14080	13878	13641	13692	13542	13775	15352	16326	16791	16843	16375	16689	17249	17390	17212	16108	15842	17084	16898	16542	16188





### 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																											
TMGR	HY01	33	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																										
TMGR	HY02	36	34	35	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																										
TMGR	HY04	33	32	33	33	32	33	31	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33																										
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	-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	-1																										
UPIA	HY01	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4																										
UPIA	HY02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3																										
Total Hydro		619	445	256	221	217	193	210	197	186	183	187	208	188	188	184	187	185	192	226	219	191	240	508	591	497	428	452	440	437	481	853	926	1020	997	902	668	571	214	216	483	792	888	826	654	438	342	228	227			
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	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	
PCUF	CUFG	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
PCUF	CUFK	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Total Co-Gen		26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Total Gen		15935	15496	15116	14817	14614	14384	14048	14006	13815	13692	13602	13561	13643	13724	13501	13465	13799	14699	15258	15907	16310	16581	16697	16845	16831	16572	16403	16488	16626	16884	17178	17316	17364	17492	17234	16642	16107	15750	15831	16701	17049	17057	16867	16744	16516	16307	16164	15917			
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
TIE-HVDC		-29	-28	-28	-29	-29	-29	-29	-30	-30	-30	-29	-29	-29	-30	-30	-29	-29	-30	-29	-30	-29	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		3	-4	-47	-76	18	7	-3	21	-33	-12	-9	12	-20	3	-11	71	53	-22	-64	-8	13	-97	-65	-54	17	-35	57	-1	-34	-44	-42	-99	3	20	51	22	28	20	18	-24	-6	9	-3	49	2	46	6	-10			
Interconnection		-26	-32	-75	-104	-11	-22	-32	-7	-63	-42	-39	-17	-49	-25	-41	42	24	-52	-94	-37	-16	-126	-94	-83	-12	-64	28	-30	-63	-73	-71	-128	-26	-10	22	-7	-1	-9	-11	-53	-35	-19	-31	21	-26	17	-24	-39			
System Total		15961	15528	15191	14921	14625	14406	14080	14013	13878	13734	13641	13578	13692	13749	13542	13423	13775	14751	15352	15944	16326	16707	16791	16928	16843	16636	16375	16518	16689	16957	17249	17444	17390	17502	17212	16649	16108	15759	15842	16754	17084	17076	16898	16723	16542	16290	16188	15956			
SRev ST-Coal		139	135	131	146	143	196	187	107	103	103	102	115	280	289	82	78	-94	140	141	131	140	144	139	150	140	153	137	125	141	146	131	143	154	147	115	150	151	145	145	149	155	151	142	140	139	140					
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
SRev CCGT-Gas		710	603	724	692	764	721	929	902	1086	1194	1300	1362	1261	1167	1408	1453	1222	813	743	738	532	434	577	508	433	612	815	705	580	378	440	371	432	267	420	785	1165	974	893	296	257	341	465	421	300	414	444	547			
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
SRev Co-Gen		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
Syncon		651	737	838	924	924	924	1075	1075	1075	1075	924	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	
Hydro		218	206	194	143	147	147	150	142	153	156	152	282	151	151	155	152	154	147	113	120	148	398	417	424	518	497	573	634	638	695	521	447	391	414	509	308	330	149	146	252	369	338	334	311	461	308	221	222			
S.Reserve Total		1737	1700	1906	1924	1997	2007	2209	2245	2436	2559	2649	2690	2608	2527	2937	2988	2552	2132	1856	2092	1915	2057	2041	1983	1997	2166	2435	2450	2212	1954	1923	1784	1774	1646	1904	2147	2366	2356	2285	1504	1582	1639	1774	1816	1755	1798	1902				