

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,424 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,424 MW</b>
<b>Total IPP</b>	<b>16,315 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,562 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	13,554	3.72 %
Gas	36,785	10.09 %
<b>Total TNB</b>	<b>50,339</b>	<b>13.81 %</b>
ST-Coal	233,138	63.94 %
LSS	1,976	0.54 %
Gas	78,630	21.56 %
<b>Total IPP</b>	<b>313,744</b>	<b>86.04 %</b>
Co-Gen	859	0.24 %
<b>Total Co-Gen</b>	<b>859</b>	<b>0.24 %</b>
<b>Total Generation</b>	<b>364,942</b>	<b>100.08 %</b>
PLTG	-419	-0.11 %
HVDC	725	0.20 %
<b>Interconnection</b>	<b>306</b>	<b>0.08 %</b>
<b>Net Energy</b>	<b>364,636</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 4/18/2019	18,566 MW
Date: 4/18/2019	391,845 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,553 MW
TNB Generation	2,689 MW
IPP Generation	14,376 MW
Spinning Reserve	1,415 MW
Maximum Demand	17,128 MW
Net Energy	364,636 MWH
Load Factor	88.70 %

### Fuel Cost

Total Cost:	59,746,627.69 RM
Cost per Unit	16.38 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	382
Hydro	498
Syncon	681
Thermal	155
<b>Total</b>	<b>1,716</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	27

### 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	14488	13878	13283	12985	12725	12611	12954	13107	13597	15106	16008	16536	16440	16135	16695	17089	17065	16765	15779	15605	16666	16643	16096	15740





### 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																											
Total Gen		14514	14106	13936	13632	13300	13214	13036	12878	12761	12691	12639	12718	12937	13281	13162	13151	13597	14573	15136	15624	16020	16279	16589	16665	16515	16177	16103	16366	16668	16981	17058	17004	17079	17138	16794	16286	15809	15562	15680	16363	16690	16676	16595	16446	16117	16029	15705	15330			
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		31	30	30	31	31	31	31	30	30	31	31	30	30	30	30	30	30	30	30	31	31	30	30	31	31	30	30	30	30	30	30	29	29	30	30	29	29	30	30	31	31	31	31	31	31	31	31	30	30		
TIE-PLTG		-5	12	28	-7	-13	-22	21	18	6	6	-2	-56	-47	6	24	-2	-30	-36	0	-54	-19	-22	24	-11	45	-5	-62	-63	-57	-40	-61	-42	-7	-11	7	-11	9	-24	53	-27	0	-51	-72	-66	-3	-48	-58	-59			
Interconnection		26	42	58	23	17	8	51	48	36	36	28	-26	-17	36	55	28	0	-6	30	-23	12	9	53	20	75	25	-32	-33	-27	-10	-31	-12	22	18	37	19	38	5	82	2	31	-20	-41	-35	28	-17	-28	-29			
System Total		14488	14064	13878	13609	13283	13206	12985	12830	12725	12655	12611	12744	12954	13245	13107	13123	13597	14579	15106	15647	16008	16270	16536	16645	16440	16152	16135	16399	16695	16991	17089	17016	17065	17128	16765	16275	15779	15564	15605	16368	16666	16703	16643	16488	16096	16053	15740	15366			
SRev ST-Coal		192	403	426	568	491	577	534	550	551	612	650	662	653	615	569	560	567	310	246	163	164	143	162	163	274	150	132	127	143	132	127	120	136	123	144	130	137	127	127	136	135	128	180	112	163	155	148	174			
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		984	993	671	770	977	1062	1273	1339	1457	1499	1366	1249	1106	827	932	1099	844	913	705	574	365	364	370	442	360	585	501	487	287	273	295	381	243	253	511	581	810	774	676	201	244	263	275	447	608	714	817	1015			
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 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
SRev Co-Gen		9	62	75	73	72	73	71	74	73	71	73	71	72	73	72	72	72	74	75	13	9	8	8	9	12	11	13	72	71	75	13	9	11	9	10	71	74	72	76	7	8	8	8	9	9	9	70	72	73		
Syncon		902	902	902	902	902	902	902	902	902	902	902	902	902	1053	1204	1204	1017	830	830	578	578	578	578	765	715	614	614	427	427	427	427	427	614	801	1053	1355	1180	878	540	540	878	878	1138	1117	1138	1138					
Hydro		246	245	244	252	247	244	248	401	400	416	400	398	389	457	517	519	388	280	259	346	434	438	491	490	464	476	638	519	482	575	647	651	678	603	450	406	373	125	248	385	639	641	470	514	205	155	217	191			
S.Reserve Total		2333	2605	2318	2565	2689	2858	3028	3266	3383	3500	3391	3282	3122	2874	2992	3152	2924	2781	2489	2113	1802	1783	1609	1682	1688	1987	1999	1819	1597	1482	1509	1588	1495	1415	1729	1989	2447	2453	2307	1607	1566	1580	1811	1960	2123	2211	2392	2591			