

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,019 MW
Distillate	0 MW
Total TNB	4,821 MW
Total IPP	15,654 MW
Total Co-Gen	40 MW
Total System	21,087 MW

### Generation Mix

Type	MWh	Percentage
Gas	42,261	11.54 %
Hydro	10,244	2.80 %
<b>Total TNB</b>	<b>52,505</b>	<b>14.34 %</b>
ST-Coal	210,103	57.38 %
Gas	101,972	27.85 %
<b>Total IPP</b>	<b>312,075</b>	<b>85.23 %</b>
Co-Gen	849	0.23 %
<b>Total Co-Gen</b>	<b>849</b>	<b>0.23 %</b>
<b>Total Generation</b>	<b>365,429</b>	<b>99.80 %</b>
PLTG	-18	0.00 %
HVDC	-702	-0.19 %
<b>Interconnection</b>	<b>-720</b>	<b>-0.20 %</b>
<b>Net Energy</b>	<b>366,149</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:	15:00:00 Hour
Total Set On Bus	18,693 MW
TNB Generation	3,011 MW
IPP Generation	14,330 MW
Spinning Reserve	1,326 MW
Maximum Demand	17,399 MW
Net Energy	366,149 MWH
Load Factor	87.68 %

### Fuel Cost

Total Cost:	65,545,457.55 RM
Cost per Unit	18.45 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	537
Hydro	291
Syncon	471
Thermal	138
<b>Total</b>	<b>1,437</b>

### Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	25

### Gas Usage

Station	(mmscfd)
CBPS	3
GLGR	50
PAKA	4
PGPS	37
SRDG	6
TJGS	209
<b>Total TNB</b>	<b>309</b>
CBPS	54
NPRI	146
PGLA	68
PLPS	92
PTEK	14
SGB3	50
SGRI	160
SKSP	34
YPKA	77
<b>Total IPP</b>	<b>694</b>
<b>Total Gas</b>	<b>1,003</b>
<b>Total Gas Required</b>	<b>1,003</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	14469	13694	13263	12782	12541	12591	12947	12884	13181	15054	15930	16650	16744	16423	17022	17399	17299	16910	15927	15853	16962	16811	16246	15948





### 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																										
TMGR	HY04	33	33	33	33	33	33	31	32	30	33	32	33	33	33	33	33	33	31	31	33	33	32	61	61	61	61	30	29	30	32	33	81	80	80	80	81	27	34	34	33										
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	92	184	184	178	111	93	115	117	119	117	116	114	118	86	83	-1	-1	-1	120	117	115	110	-1	-1	-1	-1								
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	5	5	5	4									
UPIA	HY02	3	3	3	3	3	3	3	3	3	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2								
Total Hydro		178	218	181	185	184	177	175	178	174	194	171	196	215	174	174	168	190	180	176	273	451	558	837	708	720	591	417	510	629	898	895	920	887	889	687	490	244	249	259	506	703	722	697	463	331	448	358	428		
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	
PCUF	CUFG	33	34	33	33	34	31	31	30	29	29	30	29	31	31	31	31	30	28	28	29	27	25	22	20	15	12	12	11	10	11	11	11	11	11	12	11	11	10	10	11	11	13	11	11	12	12	10	10		
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		
Total Co-Gen		48	49	48	48	49	46	46	45	44	44	45	44	46	46	46	46	45	43	43	44	42	40	37	35	30	27	27	26	25	26	26	26	26	26	27	26	26	25	25	26	26	28	26	26	27	27	25	25		
Total Gen		14392	13954	13653	13465	13223	13030	12770	12692	12539	12529	12551	12582	12864	13099	12896	12792	13144	14288	15016	15509	15887	16204	16623	16781	16741	16427	16420	16674	17010	17322	17367	17334	17288	17335	16912	16337	15943	15632	15807	16703	16903	16906	16779	16633	16245	16064	15904	15491		
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		
TIE-HVDC		-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-29	-30	-30	-29	-29	-28	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-30	-30	-28	-28			
TIE-PLTG		-48	-9	-12	-28	-11	-34	17	-8	27	-5	-11	-29	-54	-62	41	70	-8	9	-9	1	-13	35	2	16	27	29	27	8	18	-10	-4	10	18	18	31	1	46	-6	-16	-24	-30	7	-3	24	29	-69	-15	-27		
Interconnection		-77	-38	-41	-58	-40	-64	-12	-37	-2	-34	-40	-59	-83	-91	12	41	-37	-21	-38	-28	-43	6	-27	-13	-3	0	-3	-22	-12	-40	-32	-19	-11	-10	2	-28	16	-37	-46	-53	-59	-22	-32	-5	-1	-99	-44	-56		
System Total		14469	13992	13694	13523	13263	13094	12782	12729	12541	12563	12591	12641	12947	13190	12884	12751	13181	14309	15054	15537	15930	16198	16650	16794	16744	16427	16423	16696	17022	17362	17399	17353	17299	17345	16910	16365	15927	15669	15853	16756	16962	16928	16811	16638	16246	16163	15948	15547		
SRev ST-Coal		358	317	238	398	202	181	174	163	207	270	286	284	337	273	262	257	298	185	148	119	111	112	122	117	118	118	75	124	121	149	147	143	151	155	159	134	160	144	134	155	153	143	148	146	165	150	170	154		
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
SRev CCGT-Gas		1589	1759	1743	1775	1695	1611	1875	1968	2070	2032	1924	1919	1774	1653	1810	1913	1543	1210	699	398	420	344	620	336	382	564	440	439	446	427	438	501	506	456	611	723	748	1149	1050	506	603	631	728	642	880	850	898	1111		
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
SRev Co-Gen		-8	-9	-8	-8	-9	-6	-6	-5	-4	-4	-5	-4	-6	-6	-6	-6	-5	-3	-3	-4	-2	0	3	5	10	13	13	14	15	14	14	14	14	14	13	14	14	14	15	15	14	14	12	14	14	13	13	15	15	
Syncon		887	887	887	887	887	887	887	887	887	736	887	736	887	887	887	887	887	887	887	887	700	387	387	387	428	428	428	700	615	514	428	428	277	428	428	428	513	887	887	887	388	388	237	388	701	701	701	786	786	
Hydro		154	114	151	147	148	155	157	154	158	289	161	287	117	158	158	164	142	152	156	246	381	274	195	283	421	400	302	294	276	293	296	422	304	302	504	441	188	183	173	225	228	360	234	155	207	190	135	65		
S.Reserve Total		2980	3068	3011	3199	2923	2828	3087	3167	3318	3323	3253	3222	3109	2965	3111	3215	2865	2431	1887	1459	1297	1117	1327	1169	1359	1523	1530	1601	1374	1371	1326	1359	1405	1358	1781	1837	1997	2378	2259	1288	1386	1383	1512	1658	1966	1904	2004	2131		