

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,522 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,522 MW</b>
<b>Total IPP</b>	<b>18,345 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>23,401 MW</b>

### Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

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

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	15,446 MW
TNB Generation	2,362 MW
IPP Generation	11,232 MW
Spinning Reserve	1,840 MW
Maximum Demand	13,554 MW
Net Energy	287,762 MWH
Load Factor	88.46 %

### Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	217
<b>Total TNB</b>	<b>247</b>
CBPS	56
NPRI	156
PLPS	45
<b>Total IPP</b>	<b>257</b>
<b>Total Gas</b>	<b>504</b>
<b>Total Gas Required</b>	<b>504</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Generation Mix

Type	MWh	Percentage
Hydro	8,495	2.95 %
Gas	36,123	12.55 %
<b>Total TNB</b>	<b>44,618</b>	<b>15.51 %</b>
ST-Coal	186,277	64.73 %
LSS	2,890	1.00 %
Gas	54,119	18.81 %
<b>Total IPP</b>	<b>243,286</b>	<b>84.54 %</b>
Co-Gen	244	0.08 %
<b>Total Co-Gen</b>	<b>244</b>	<b>0.08 %</b>
<b>Total Generation</b>	<b>288,148</b>	<b>100.13 %</b>
PLTG	-268	-0.09 %
HVDC	654	0.23 %
<b>Interconnection</b>	<b>386</b>	<b>0.13 %</b>
<b>Net Energy</b>	<b>287,762</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	43,337,202.56 RM
Cost per Unit	15.05 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	141
Hydro	358
Syncon	1,136
Thermal	677
<b>Total</b>	<b>2,312</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	25

### 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	13007	12450	11867	11413	11028	10753	10606	10411	10244	10866	11233	11580	11789	11895	12219	12641	12727	12504	12021	12182	13521	13548	13533	13515





### 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																								
Hydro		245	234	172	330	216	235	193	107	61	17	60	106	108	106	112	133	48	169	65	75	687	700	771	833	784	835	612	215	124	252	94	125	123	124	126	112	124	123	97	327	324	364	530	286	332	352	234	287
S.Reserve Total		2104	2151	2238	2311	2543	2595	2517	2607	2535	2518	2530	2611	2623	2604	2673	2734	2746	2496	2537	2543	2658	2537	2564	2605	2531	2608	2551	2479	2435	2386	2253	2408	2411	2387	2551	2469	2557	2563	2480	1956	1829	1845	1861	1898	1890	1911	1935	1958