

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,472 MW
Distillate	0 MW
Total TNB	2,472 MW
Total IPP	16,093 MW
Total Co-Gen	0 MW
Total System	21,115 MW

Generation Mix

Type	MWh	Percentage
Hydro	22,832	7.25 %
Gas	35,484	11.27 %
Total TNB	58,316	18.52 %
ST-Coal	204,392	64.91 %
LSS	2,757	0.88 %
Gas	50,358	15.99 %
Total IPP	257,507	81.78 %
Co-Gen	218	0.07 %
Total Co-Gen	218	0.07 %
Total Generation	316,041	100.37 %
PLTG	447	0.14 %
HVDC	725	0.23 %
Interconnection	1,172	0.37 %
Net Energy	314,869	100.00 %

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:	20:00:00 Hour
Total Set On Bus	16,209 MW
TNB Generation	3,116 MW
IPP Generation	11,484 MW
Spinning Reserve	1,597 MW
Maximum Demand	14,538 MW
Net Energy	314,869 MWH
Load Factor	90.24 %

Fuel Cost

Total Cost:	36,651,844.99 RM
Cost per Unit	11.59 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	318
Hydro	240
Syncon	737
Thermal	629
Total	1,924

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	26

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	14238	13662	13219	12803	12429	12153	12072	11944	11462	11959	12443	12721	12871	13031	13515	13590	13653	13443	13137	13616	14538	14215	14227	14004

