

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,510 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,510 MW</b>
<b>Total IPP</b>	<b>16,944 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>23,256 MW</b>

### Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

### Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	11	<b>Total</b>	<b>0</b>
TJGS	185		
<b>Total TNB</b>	<b>196</b>		
CBPS	48		
EMPP	200		
NPRI	144		
PCGP	85		
PGLA	75		
SPGP	208		
<b>Total IPP</b>	<b>760</b>		
<b>Total Gas</b>	<b>956</b>		
<b>Total Gas Required</b>	<b>956</b>		

### Alternate Fuel Usage

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

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,236 MW
TNB Generation	4,701 MW
IPP Generation	12,429 MW
Spinning Reserve	1,080 MW
Maximum Demand	17,184 MW
Net Energy	362,719 MWH
Load Factor	87.95 %

### Generation Mix

Type	MWh	Percentage
Hydro	21,342	5.88 %
Gas	61,566	16.97 %
<b>Total TNB</b>	<b>82,908</b>	<b>22.86 %</b>
ST-Coal	188,890	52.08 %
LSS	5,024	1.39 %
Gas	84,893	23.40 %
<b>Total IPP</b>	<b>278,807</b>	<b>76.87 %</b>
Co-Gen	767	0.21 %
<b>Total Co-Gen</b>	<b>767</b>	<b>0.21 %</b>
<b>Total Generation</b>	<b>362,482</b>	<b>99.93 %</b>
PLTG	448	0.12 %
HVDC	-685	-0.19 %
<b>Interconnection</b>	<b>-237</b>	<b>-0.07 %</b>
<b>Net Energy</b>	<b>362,719</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	126,367,396.35 RM
Cost per Unit	34.86 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	406
Hydro	520
Syncon	595
Thermal	129
<b>Total</b>	<b>1,650</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	32
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	14663	14005	13606	13092	12782	12654	12977	13159	13479	14976	15753	16308	16208	15852	16674	17156	17168	16850	15766	15855	16466	16282	15666	15080





