

Daily System Generation Summary on Thursday

Thursday, March 19, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,247 MW
Distillate	0 MW
Total TNB	2,247 MW
Total IPP	18,631 MW
Total Co-Gen	0 MW
Total System	23,286 MW

Generation Mix

Type	MWh	Percentage
Hydro	7,385	2.47 %
Gas	10,075	3.36 %
Total TNB	17,460	5.83 %
ST-Coal	232,373	77.60 %
LSS	2,502	0.84 %
Gas	46,097	15.39 %
Total IPP	280,972	93.83 %
Co-Gen	314	0.10 %
Total Co-Gen	314	0.10 %
Total Generation	298,746	99.77 %
HVDC	-697	-0.23 %
Interconnection	-697	-0.23 %
Net Energy	299,443	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:	20:30:00 Hour
Total Set On Bus	16,060 MW
TNB Generation	989 MW
IPP Generation	13,187 MW
Spinning Reserve	1,867 MW
Maximum Demand	14,225 MW
Net Energy	299,443 MWH
Load Factor	87.71 %

Fuel Cost

Total Cost:	45,743,868.24 RM
Cost per Unit	15.30 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	813
Hydro	201
Syncon	1,056
Thermal	650
Total	2,720

Time	Weather	Temperature
Afternoon	Rainy	32
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	28
TJGS	49
Total TNB	77
CBPS	40
NPRI	121
PLPS	35
SGRI	32
YPKA	20
Total IPP	248
Total Gas	325
Total Gas Required	325

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	13560	12872	12316	11853	11434	11186	11081	11070	10756	11448	11925	12240	12398	12467	12687	12917	12978	12922	12402	12541	14150	14209	14093	13801

Prepared By: -Select Name-

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