

Daily System Generation Summary on Monday

Monday, September 02, 2019

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,329 MW
Distillate	0 MW
Total TNB	2,329 MW
Total IPP	15,411 MW
Total Co-Gen	0 MW
Total System	20,776 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,209	2.42 %
Gas	36,149	10.65 %
Total TNB	44,358	13.07 %
ST-Coal	188,572	55.55 %
LSS	2,170	0.64 %
Gas	103,194	30.40 %
Total IPP	293,936	86.59 %
Co-Gen	776	0.23 %
Total Co-Gen	776	0.23 %
Total Generation	339,070	99.89 %
PLTG	305	0.09 %
HVDC	-694	-0.20 %
Interconnection	-389	-0.11 %
Net Energy	339,459	100.00 %

Maximum Demand Record

Date: 4/18/2019	18,566 MW
Date: 4/18/2019	391,845 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	17,839 MW
TNB Generation	2,499 MW
IPP Generation	13,758 MW
Spinning Reserve	1,550 MW
Maximum Demand	16,351 MW
Net Energy	339,459 MWH
Load Factor	86.50 %

Fuel Cost

Total Cost:	64,104,086.90 RM
Cost per Unit	18.88 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	562
Hydro	243
Syncon	990
Thermal	246
Total	2,041

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	51
SRDG	2
TJGS	201
Total TNB	253
CBPS	45
KLPP	92
NPRI	149
PGLA	104
PLPS	88
PTEK	3
SGB3	67
SGRI	74
YPKA	25
Total IPP	647
Total Gas	900

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 900

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	13881	13371	12927	12443	12160	11896	11999	11928	11861	13049	13888	14500	14672	14619	15234	15514	15596	15369	14865	15017	16328	16317	15975	15818

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, October 10, 2019 3:28:00 PM

(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

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Daily MW Generation on Monday

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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