

Daily System Generation Summary on Sunday

Sunday, July 11, 2021

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,185 MW
Distillate	0 MW
Total TNB	2,185 MW
Total IPP	17,938 MW
Total Co-Gen	0 MW
Total System	23,772 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,576	4.90 %
Gas	66,116	23.84 %
Total TNB	79,692	28.74 %
ST-Coal	157,933	56.95 %
LSS	1,774	0.64 %
Gas	37,846	13.65 %
Total IPP	197,553	71.24 %
Co-Gen	169	0.06 %
Total Co-Gen	169	0.06 %
Total Generation	277,414	100.03 %
PLTG	-623	-0.22 %
HVDC	720	0.26 %
Interconnection	97	0.03 %
Net Energy	277,317	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	14,595 MW
TNB Generation	3,724 MW
IPP Generation	9,322 MW
Spinning Reserve	1,541 MW
Maximum Demand	13,038 MW
Net Energy	277,317 MWH
Load Factor	88.62 %

Fuel Cost

Total Cost:	41,045,266.36 RM
Cost per Unit	14.79 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	335
Hydro	222
Syncon	496
Thermal	725
Total	1,778

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
TJGS	215
Total TNB	215
CBPS	55
NPRI	74
PLPS	34
Total IPP	164
Total Gas	379
Total Gas Required	379

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	12713	12103	11658	11309	10973	10758	10787	10562	10227	10626	10931	11078	11322	11469	11491	11528	11560	11579	11534	12061	13038	12964	12669	12438

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, August 5, 2021 10:46:54 PM Head
Grid System Operator
(Ir. Shanmugam Thoppalan)

2 of 3

Daily MW Generation on Sunday

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																								
S.Reserve Total		1768	1689	1720	1882	1822	1772	1808	1902	1912	1883	2042	2080	2028	1986	2064	2373	2434	2247	2307	2171	1954	1993	1879	1740	1865	1776	1830	1827	1867	1840	1904	1867	1723	1791	1717	1886	1864	1825	1713	1510	1545	1740	1618	1726	1737	1761	1767	1765