

Daily System Generation Summary on Wednesday

Wednesday, July 27, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,462 MW
Distillate	0 MW
Total TNB	2,462 MW
Total IPP	19,862 MW
Total Co-Gen	0 MW
Total System	24,525 MW

Generation Mix

Type	MWh	Percentage
Hydro	26,281	7.00 %
Gas	31,473	8.38 %
Total TNB	57,754	15.38 %
ST-Coal	217,822	58.00 %
LSS	4,783	1.27 %
Gas	94,737	25.23 %
Total IPP	317,342	84.50 %
Co-Gen	564	0.15 %
Total Co-Gen	564	0.15 %
Total Generation	375,660	100.03 %
PLTG	2,850	0.76 %
HVDC	-2,756	-0.73 %
Interconnection	94	0.03 %
Net Energy	375,566	100.00 %

Maximum Demand Record

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

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	20,105 MW
TNB Generation	2,566 MW
IPP Generation	14,996 MW
Spinning Reserve	2,537 MW
Maximum Demand	17,480 MW
Net Energy	375,566 MWH
Load Factor	89.52 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,370
Hydro	235
Syncon	477
Thermal	301
Total	2,383

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Cloudy	23

Gas Usage

Station	(mmscfd)
GLGR	30
SRDG	11
TJGS	6
TJGS	65
Total TNB	111
CBPS	45
EMPP	272
NPRI	134
PCGP	60
PGLA	73
PLPS	11
SGB3	10
SGRI	11
SKSP	12
SPGP	108
Total IPP	736
Total Gas	847
Total Gas Required	847

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	15760	14849	14362	13927	13597	13316	13592	13656	13982	15800	16647	17115	17143	14376	16111	17333	17480	17230	16157	16188	17071	16972	16421	15874

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, August 8, 2022 4:19:49 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Wednesday

[illegible]