

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,869 MW
Distillate	0 MW
Total TNB	1,869 MW
Total IPP	16,237 MW
Total Co-Gen	0 MW
Total System	22,108 MW

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	30	Total	0
TJGS	164		
Total TNB	194		
CBPS	42		
EMPP	197		
KLPP	35		
NPRI	148		
PCGP	85		
PLPS	63		
SGRI	69		
SKSP	28		
SPGP	206		
Total IPP	873		
Total Gas	1,067		
Total Gas Required	1,067		

Alternate Fuel Usage

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,864 MW
TNB Generation	4,011 MW
IPP Generation	14,480 MW
Spinning Reserve	1,371 MW
Maximum Demand	18,504 MW
Net Energy	394,813 MWH
Load Factor	88.90 %

Generation Mix

Type	MWh	Percentage
Hydro	18,090	4.58 %
Gas	60,565	15.34 %
Total TNB	78,655	19.92 %
ST-Coal	210,032	53.20 %
LSS	6,742	1.71 %
Gas	98,323	24.90 %
Total IPP	315,097	79.81 %
Co-Gen	621	0.16 %
Total Co-Gen	621	0.16 %
Total Generation	394,373	99.89 %
PLTG	263	0.07 %
HVDC	-703	-0.18 %
Interconnection	-440	-0.11 %
Net Energy	394,813	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	608
Hydro	311
Syncon	386
Thermal	161
Total	1,466

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Rainy	31
Morning	Cloudy	22

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	16567	15725	15121	14647	14220	14014	14149	14061	14366	15908	16738	17269	17344	17072	17460	18230	18504	18095	17097	17217	18005	17848	17447	17215

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, October 30, 2023 12:38:55 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Friday

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
BSIA	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY03	11	11	12	12	11	12	12	11	11	11	12	12	11	24	24	24	24	24	23	24	23	23	23	23
CEND	HY01	9	9	9	9	9	9	9	9	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	HY01	0	0	0	0	69	68	0	0	0	0	0	0	0	0	0	0	0	68	68	68	69	68	0	0
HTRG	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
HTRG	HY03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	7	7	7	7	7	7
HTRG	HY04	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4
KNRG	HY01	36	36	36	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY02	37	37	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY03	37	37	37	37	37	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
KNYR	HY01	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
KNYR	HY02	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
KNYR	HY03	96	0	0	0	0	0	98	96	97	99	100	99	95	99	100	100	100	100	101	100	101	101	101	
KNYR	HY04	90	92	100	101	92	95	100	101	92	89	96	98	100	95	92	97	100	100	100	97	99	100	100	
LPIA	HY01	18	18	18	18	18	18	18	20	20	16	16	12	12	12	15	17	17	17	17	17	17	17	17	17
LPIA	HY02	17	17	17	17	17	17	17	20	20	17	17	15	15	13	15	17	17	17	17	17	17	17	17	17
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY02	-1	-1	-1	19	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY04	40	43	41	61	41	41	42	41	39	39	41	41	41	39	41	63	80	64	42	43	42	41	42	
UJLI	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UJLI	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UPIA	HY01	5	5	5	5	5	5	4	4	4	5	3	3	3	3	3	0	0	0	0	0	0	0	0	
UPIA	HY02	5	5	5	5	5	5	5	5	4	4	4	4	4	2	5	5	6	6	6	6	7	7	7	
Total Hydro		625	535	542	583	553	534	539	470	561	556	560	562	560	554	542	570	595	616	701	756	759	756	756	
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

