

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,387 MW
Distillate	0 MW
Total TNB	2,387 MW
Total IPP	15,205 MW
Total Co-Gen	0 MW
Total System	21,594 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	39	Total	0
TJGS	195		
Total TNB	234		
CBPS	50		
EMPP	96		
KLPP	73		
NPRI	81		
PCGP	83		
PLPS	74		
SKSP	18		
SPGP	199		
Total IPP	675		
Total Gas	909		
Total Gas Required	909		

Alternate Fuel Usage

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,054 MW
TNB Generation	4,552 MW
IPP Generation	12,529 MW
Spinning Reserve	1,054 MW
Maximum Demand	16,956 MW
Net Energy	360,312 MWH
Load Factor	88.54 %

Generation Mix

Type	MWh	Percentage
Hydro	15,430	4.28 %
Gas	65,285	18.12 %
Total TNB	80,715	22.40 %
ST-Coal	206,618	57.34 %
LSS	5,488	1.52 %
Gas	69,919	19.41 %
Total IPP	282,025	78.27 %
Co-Gen	-1,523	-0.42 %
Total Co-Gen	-1,523	-0.42 %
Total Generation	361,217	100.25 %
PLTG	275	0.08 %
HVDC	630	0.17 %
Interconnection	905	0.25 %
Net Energy	360,312	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	268
Hydro	486
Syncon	613
Thermal	165
Total	1,532

Time Weather Temperature

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	14755	14012	13500	13054	12714	12540	12895	12933	13114	14389	15154	15559	15625	15500	16242	16722	16946	16550	15809	16299	16769	16631	16208	15857

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, December 12, 2023 8:51:48 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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
CEND	HY03	10	9	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HTRG	HY01	68	68	69	69	68	68	68	68	68	68	68	68	68	68	68	68	68	121	122	68	68	68	68	69
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	8	8	8	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	7	7
HTRG	HY04	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	21	21	21	21	21
KNRG	HY02	25	25	26	25	25	25	25	24	26	25	25	26	25	25	25	25	25	37	37	37	37	37	37	37
KNRG	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	37	37	37	37	37	37	37
KNYR	HY01	59	58	62	56	58	56	59	57	52	60	60	60	58	59	61	59	97	97	97	97	97	97	97	97
KNYR	HY02	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LPIA	HY01	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	20	22	22	22	22	22	22	22	22
LPIA	HY02	19	19	19	19	19	19	19	19	19	19	19	19	19	19	21	21	21	21	21	21	21	21	21	21
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	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	39	111	111	112	82	81	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	101	100	22	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	112	112	113	112	43	-1	-1
PGAU	HY04	21	21	20	21	21	21	21	21	21	21	21	21	21	21	21	21	22	21	80	80	79	21	79	
SIHY	HY01	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	0
SIHY	HY02	30	30	30	30	30	30	30	30	30	30	30	30	30	0	0	0	0	0	50	50	50	50	50	0
SYPS	HY01	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	27
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	25	25	25	0
SYPS	HY03	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	25	25	25	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25
TMGR	HY01	44	46	85	44	44	44	57	42	39	76	44	44	84	84	43	44	58	45	61	45	46	79	45	45
TMGR	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
TMGR	HY03	0	0	-1	-1	-1	0	-1	0	-1	-1	-1	-1	-1	-1	-1	-1	80	80	80	32	-1	0	-1	84
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	102	102	98	98	98	-1
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	103	100	100	99	80	-1
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		460	361	407	358	360	358	373	357	348	394	361	381	402	410	377	362	347	334	350	371	394	551	517	518
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	0
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	9	14	16	18	20	22	22	24
BELS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	13	22	29	35	40	45	49	44	49
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	9	14	14	20	8	21	29	33	16
BNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	9	15	19	22	26	27	12	10
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	12	16	21	24	27	31	28	32	32
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	4	7	14	28	31	13	17	35	17
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	18	22	33	30	25	33	27	44
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	11	14	15	22	20	10	24	21	12
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	17	24	30	35	38	41	39	42	31
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	11	15	19	23	27	27	20	17
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	15	13	26	32	30	30	40	32	34
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	7	17	29	42	52	62	69	77	80	84	85
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	11	18	24	28	33	35	39	40	44	43

