

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,072 MW
Distillate	0 MW
Total TNB	2,072 MW
Total IPP	18,927 MW
Total Co-Gen	0 MW
Total System	24,707 MW

Generation Mix

Type	MWh	Percentage
Hydro	12,677	3.34 %
Gas	38,551	10.16 %
Total TNB	51,228	13.50 %
ST-Coal	232,282	61.20 %
LSS	4,479	1.18 %
Gas	91,884	24.21 %
Total IPP	328,645	86.59 %
Co-Gen	526	0.14 %
Total Co-Gen	526	0.14 %
Total Generation	380,399	100.22 %
PLTG	114	0.03 %
EGAT	6	0.00 %
HVDC	725	0.19 %
Interconnection	845	0.22 %
Net Energy	379,554	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 4/12/2023	401,811 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	18,652 MW
TNB Generation	2,483 MW
IPP Generation	14,756 MW
Spinning Reserve	1,401 MW
Maximum Demand	17,251 MW
Net Energy	379,554 MWH
Load Factor	91.67 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	297
Hydro	539
Syncon	621
Thermal	242
Total	1,699

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	35
TJGS	3
Total TNB	38
CBPS	42
EMPP	304
NPRI	145
PCGP	89
SPGP	210
Total IPP	790
Total Gas	828
Total Gas Required	828

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	16307	15491	14877	14377	14103	13948	14090	13876	14158	15668	16296	16768	16504	16238	16843	17220	17240	16718	16033	16224	16735	16943	16550	16181

Daily MW Generation on Wednesday

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
LPIA	HY02	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
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	22	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	21	22	22	22	22	22	22	22	22	22	22	22	22	-1	-1	-1	-1	-1	-1	-1	-1	16	24	22
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17
TMGR	HY01	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY02	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY03	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
TMGR	HY04	40	51	85	85	59	85	43	41	84	83	86	58	84	74	85	41	84	85	83	58	64	85	85	41
UJLI	HY01	-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	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
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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		499	516	466	467	443	469	425	421	466	467	470	413	438	428	458	389	380	394	422	395	401	431	470	381
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	1	2	4	10	11	10	6	7	11	13
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	6	7	14	12	18	13	15	16	21
BLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	11	17	20	19	28	27	34	31	13
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	5	7	7	4	4	4	6	12	12
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	5	6	3	6	6	5	9	6
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	14	20	10	4	0	0	1	1
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	6	23	24	18	23	27	18	12	15
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	7	9	12	11	23	20	29	25
JLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7	13	11	10	8	8	7	12	12
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	11	13	34	48	54	48	61	60	92	81	74
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	7	12	24	27	31	37	41	44	44
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	15	18	21	15	31	22	38	35	10
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	22	21	31	44	65	90	100	77	100
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	6	11	12	20	30	30	17	21	9
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	19	25	16	11	15	15	15	13	28
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	13	19	24	30	36	15	47	49	48
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	34	66	77	81	85	88	51	90	97	96
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	10	10	10	41
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	9	10	14	16	17	20	24	24
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	16	20	19	21	27	29	37	33
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	9	12	17	15	18	13	9	25
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	6	2	0	0	1	1	1	2	4
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	18	110	220	302	417	457	463	498	587	632	664
ESTL	ESTL	0	0	12	10	0	14	20	21	10	0	11	0	1	11	0	6	8	4	0	0	16	1	16	4
PCUF	CUFK	5	3	3	3	4	4	4	2	4	5	3	4	3	4	1	4	5	4	4	4	4	3	3	4
PCUF	CUFK	8	6	7	9	8	7	9	7	7	8	9	9	7	9	3	3	3	3	2	3	3	2	3	4
PFTZ	PFTZ	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 Co-Gen		18	14	27	27	17	30	38	35	26	18	28	18	16	11	12	28	14	27	16	19	17	27	26	27

Daily MW Generation on Wednesday

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																										
Total Gen		16356	15857	15513	15208	14935	14728	14402	14314	14134	14050	13984	13916	14135	14046	13902	13746	14185	15182	15680	16070	16323	16649	16835	16836	16515	16369	16259	16577	16879	17179	17263	17251	17247	17132	16780	16412	16084	16100	16275	16523	16776	16991	16983	16867	16591	16486	16219	15872		
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		30	30	31	31	31	31	31	31	30	30	31	31	30	30	30	30	31	31	31	31	31	31	30	30	30	30	31	30	30	29	31	30	29	31	29	31	29	31	29	29	31	29	29	30	30	30	30	31	31	
TIE-PLTG		19	4	-9	-11	27	7	-5	26	1	11	5	-4	15	0	-4	4	-5	8	-20	-21	-4	-8	36	-12	-19	-6	-9	23	5	5	14	-32	-23	-1	31	-2	20	29	22	35	12	4	10	4	11	-1	7	31		
Interconnection		49	34	22	20	58	38	25	57	31	41	36	26	45	30	26	34	27	39	12	10	27	23	67	19	11	25	21	54	36	36	43	0	7	28	62	27	51	59	51	65	41	34	40	34	41	30	38	62		
System Total		16307	15823	15491	15188	14877	14690	14377	14257	14103	14009	13948	13890	14090	14016	13876	13712	14158	15143	15668	16060	16296	16626	16768	16817	16504	16344	16238	16523	16843	17143	17220	17251	17240	17104	16718	16385	16033	16041	16224	16458	16735	16957	16943	16833	16550	16456	16181	15810		
SRev ST-Coal		261	309	362	418	533	805	800	809	881	887	992	1005	971	894	887	873	879	678	520	424	395	624	463	201	138	169	175	121	144	152	153	108	129	160	159	275	281	291	270	199	138	170	123	210	203	198	230	297		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		977	1190	1081	1012	770	696	992	1055	904	754	566	518	397	576	745	866	504	191	237	344	314	109	166	351	794	930	830	503	335	169	150	303	178	226	469	427	379	294	305	546	384	237	283	300	303	384	366	491		
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		500	500	777	865	777	777	777	777	777	777	777	777	777	777	626	777	928	928	928	928	1016	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	928	
Hydro		575	558	331	329	354	328	372	376	331	330	327	297	272	282	403	321	179	165	187	214	207	178	139	228	236	245	232	192	425	473	723	738	620	520	569	321	321	285	332	607	583	624	593	596	479	439	317	279		
S.Reserve Total		2400	2644	2638	2624	2521	2693	3028	3104	2980	2835	2749	2771	2591	2703	2835	3011	2664	2136	2046	2084	2019	2013	1870	1882	2270	2446	2339	1918	1617	1233	1278	1401	1366	1433	1910	1974	1932	1821	1858	1939	1692	1492	1460	1567	1684	1720	1763	2043		