

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,079 MW
Distillate	0 MW
Total TNB	2,079 MW
Total IPP	19,591 MW
Total Co-Gen	0 MW
Total System	25,378 MW

Generation Mix

Type	MWh	Percentage
Hydro	12,549	3.31 %
Gas	39,065	10.29 %
Total TNB	51,614	13.60 %
ST-Coal	229,026	60.35 %
LSS	5,758	1.52 %
Gas	93,527	24.64 %
Total IPP	328,311	86.51 %
Co-Gen	563	0.15 %
Total Co-Gen	563	0.15 %
Total Generation	380,488	100.25 %
PLTG	230	0.06 %
EGAT	5	0.00 %
HVDC	731	0.19 %
Interconnection	966	0.25 %
Net Energy	379,522	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	19,370 MW
TNB Generation	2,402 MW
IPP Generation	15,370 MW
Spinning Reserve	1,576 MW
Maximum Demand	17,736 MW
Net Energy	379,522 MWH
Load Factor	89.16 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	491
Hydro	522
Syncon	804
Thermal	355
Total	2,172

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	16410	15547	14913	14467	14050	14036	14061	13881	14020	15478	16121	16539	16563	16410	16961	17713	17566	16930	16218	16145	16499	16581	16252	15979

Gas Usage

Station	(mmscfd)
GLGR	45
Total TNB	45

CBPS	42
EMPP	309
NPRI	150
PCGP	89
SPGP	209
Total IPP	798

Total Gas	843
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Total Gas Required	843
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Alternate Fuel Usage

Station	(mmscfd)
Total	0

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
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	16	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	0	-1	18	-1	18	-1	18	19	18	18	18	18	18	79	79	74	110	110	110	110	151	151	150	150
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	0
SIHY	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
SIHY	HY03	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	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
TMGR	HY02	2	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	37	74	45	61	46	47	52	47	63	61	67	42	53	45	43	39	43	41	41	42	42	49	41	42
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	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		553	543	511	405	396	371	377	390	418	416	430	383	400	471	443	417	457	466	458	459	502	525	506	529
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
BDSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSLS	LSS1	0	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	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	0
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JELS	LSS1	0	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	0
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
ESTL	ESTL	12	14	4	11	0	12	12	11	12	12	7	9	9	11	15	15	18	18	16	8	12	10	5	8
PCUF	CUPG	3	3	4	3	4	4	4	5	3	3	3	3	3	6	4	4	3	5	3	4	4	3	4	4
PCUF	CUPK	2	2	4	2	4	2	3	3	2	3	3	3	4	3	5	2	2	4	3	4	2	3	3	4
PFTZ	PFTZ	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Co-Gen		23	25	18	22	14	24	25	25	23	24	19	21	22	26	30	27	30	34	28	22	24	23	18	21

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																												
Total Gen		16493	15974	15611	15259	14938	14702	14521	14221	14087	14062	14069	14021	14087	14091	13921	13703	14078	15070	15518	15929	16137	16425	16598	16797	16630	16523	16444	16650	16983	17473	17755	17794	17583	17408	16963	16603	16264	16192	16208	16190	16520	16684	16615	16520	16289	16186	15998	15961				
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	0	
TIE-HVDC		31	31	31	31	32	31	31	29	29	32	31	29	29	31	29	30	30	31	31	30	30	31	31	31	30	30	31	31	31	31	30	30	30	30	30	30	30	30	30	30	31	31	32	29	29	31	30	29				
TIE-PLTG		52	25	33	9	-7	16	22	6	7	4	1	9	-4	-1	10	7	28	37	9	11	-14	-1	28	44	36	21	3	27	-8	2	12	28	-14	-19	2	14	16	-4	32	15	-11	-9	2	5	8	7	-11	-25				
Interconnection		83	56	64	41	25	48	54	35	37	35	33	38	26	30	40	38	58	69	40	41	16	30	59	74	67	52	34	58	22	32	42	58	17	12	33	44	46	26	63	45	21	22	34	34	37	39	19	4				
System Total		16410	15918	15547	15218	14913	14654	14467	14186	14050	14027	14036	13983	14061	14061	13881	13665	14020	15001	15478	15888	16121	16395	16539	16723	16563	16471	16410	16592	16961	17441	17713	17736	17566	17396	16930	16559	16218	16166	16145	16145	16499	16662	16581	16486	16252	16147	15979	15957				
SRev ST-Coal		273	717	727	796	812	793	860	896	924	927	937	939	873	871	865	861	862	665	488	341	359	370	349	349	339	345	352	360	363	319	213	243	226	263	329	343	351	363	388	352	476	367	456	448	454	515	508	544				
SRev CCGT-Gas		525	312	326	359	383	496	392	432	370	371	404	452	415	516	724	980	844	855	1094	1000	870	633	521	431	422	598	455	387	391	279	269	244	271	369	443	583	584	550	471	539	310	291	431	479	587	587	569	421				
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	0	
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	0	0
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	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	0	0
Syncon		651	929	928	929	928	929	929	928	928	928	928	928	928	777	928	928	928	928	928	928	928	928	949	798	928	928	777	928	928	928	741	615	615	741	928	777	928	777	928	928	928	890	525	525	525	525	802	802				
Hydro		440	172	225	185	215	219	213	221	193	195	181	228	211	351	228	254	252	243	251	250	247	224	242	370	241	241	371	184	225	281	206	300	378	341	379	423	297	462	290	364	339	425	485	446	461	447	274	219				
S.Reserve Total		2063	2304	2380	2443	2512	2611	2568	2651	2589	2595	2624	2721	2601	2689	2919	3197	3060	2865	2935	2693	2578	2329	2235	2122	2274	2456	2299	2203	2081	1981	1603	1576	1664	1888	2253	2450	2334	2326	2251	2357	2227	2060	2221	2222	2351	2248	2327	2160				