

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,412 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,412 MW</b>
<b>Total IPP</b>	<b>20,006 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>25,831 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	14,929	3.81 %
Gas	43,897	11.20 %
<b>Total TNB</b>	<b>58,826</b>	<b>15.01 %</b>
ST-Coal	239,449	61.09 %
ST-Gas	3,060	0.78 %
LSS	5,757	1.47 %
Gas	84,526	21.56 %
<b>Total IPP</b>	<b>332,792</b>	<b>84.90 %</b>
Co-Gen	583	0.15 %
<b>Total Co-Gen</b>	<b>583</b>	<b>0.15 %</b>
<b>Total Generation</b>	<b>392,201</b>	<b>100.06 %</b>
PLTG	-423	-0.11 %
EGAT	6	0.00 %
HVDC	640	0.16 %
<b>Interconnection</b>	<b>223</b>	<b>0.06 %</b>
<b>Net Energy</b>	<b>391,978</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 4/13/2023	407,278 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	20,222 MW
TNB Generation	3,281 MW
IPP Generation	15,608 MW
Spinning Reserve	1,302 MW
Maximum Demand	18,845 MW
Net Energy	391,978 MWH
Load Factor	86.67 %

### Fuel Cost

### Average Spinning Reserve During Peak Hour

Type	MW
GT	615
Hydro	378
Syncon	728
Thermal	257
<b>Total</b>	<b>1,978</b>

Time	Weather	Temperature
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### Gas Usage

Station	(mmscfd)
GLGR	35
TJGS	44
<b>Total TNB</b>	<b>79</b>
CBPS	40
EMPP	278
NPRI	133
PCGP	89
SPGP	209
PKLG	32
<b>Total IPP</b>	<b>781</b>
<b>Total Gas</b>	<b>860</b>
<b>Total Gas Required</b>	<b>860</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### 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	15945	15078	14448	14020	13613	13636	13703	13616	14250	16019	16735	17270	17149	17149	18048	18660	18845	18249	17280	17117	17489	17844	17664	17359





### 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																										
ESTL	ESTL	8	8	6	8	8	6	10	12	16	14	12	12	12	14	12	10	6	6	4	3	10	6	10	8	8	9	6	0	2	5	8	11	16	11	10	0	14	0	12	9	8	2	6	6	10	2	10	7		
PCUF	CUFG	4	3	3	3	4	4	3	5	3	4	5	4	4	4	3	2	5	4	4	5	5	3	4	5	4	4	4	4	3	5	5	3	4	3	4	3	3	5	5	3	5	4	4	4	4	4	1			
PCUF	CUFK	3	3	3	3	5	2	4	3	2	6	8	10	9	8	9	9	9	9	8	7	8	6	5	5	4	5	3	4	4	4	4	4	4	4	5	5	3	4	4	5	4	5	6	5	5	6	3			
PFTZ	PFTZ	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	7	6	6	6	6		
Total Co-Gen		22	21	19	21	24	19	24	27	28	31	32	33	32	33	32	29	24	27	24	22	29	26	26	25	26	25	23	15	18	20	25	28	31	27	25	17	28	12	27	24	22	17	22	22	25	17	26	17		
Total Gen		15888	15495	15015	14750	14429	14197	14005	13720	13614	13586	13631	13507	13687	13719	13609	13639	14298	15432	16038	16471	16750	17026	17280	17332	17145	17212	17189	17737	18077	18446	18677	18797	18920	18854	18316	17777	17306	17143	17153	17237	17490	17925	17838	17944	17681	17616	17393	17186		
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	
TIE-HVDC		-29	-29	-29	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	29	29	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29	30	30	31	31	30	30				
TIE-PLTG		-29	-36	-35	-53	-49	-32	-45	-56	-29	-43	-36	-17	-47	-36	-38	-15	17	29	-12	-21	-15	-31	-22	-19	-33	-31	9	17	-1	-36	-14	7	45	63	37	-11	-4	-16	5	-19	-28	-23	-36	-44	-14	-29	4	-21		
Interconnection		-57	-64	-63	-23	-19	-2	-15	-26	1	-12	-5	14	-16	-5	-7	16	48	61	19	10	15	-1	10	13	-4	-1	40	48	29	-6	17	37	75	93	67	20	26	15	36	11	1	7	-6	-14	17	2	34	9		
System Total		15945	15559	15078	14773	14448	14199	14020	13746	13613	13598	13636	13493	13703	13724	13616	13623	14250	15371	16019	16461	16735	17027	17270	17319	17149	17213	17149	17689	18048	18452	18660	18760	18845	18761	18249	17757	17280	17128	17117	17226	17489	17918	17844	17958	17664	17614	17359	17177		
SRev ST-Coal		490	508	510	515	511	520	635	889	887	893	885	901	889	888	894	886	865	557	475	321	324	249	243	259	262	254	255	263	224	181	190	181	199	195	233	213	198	167	196	187	189	195	212	207	209	262	248	303		
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		508	624	725	952	1344	1620	1678	1716	1813	1825	1785	1882	1723	1667	1806	1780	1304	807	1060	1111	1190	1197	965	993	1284	1215	1277	829	588	208	213	252	269	263	320	311	569	637	561	491	440	287	345	245	465	397	484	614		
SRev ST-Gas		8	8	70	56	36	3	7	7	7	9	7	7	7	7	7	7	7	7	7	24	4	4	4	5	4	5	5	27	37	47	7	7	8	7	41	45	45	45	45	44	45	45	45	6	5	5	5	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		802	802	928	1029	1029	878	1029	1029	1029	1029	878	1029	1029	1029	1029	878	777	928	928	928	928	928	928	928	928	928	928	928	777	777	928	626	439	252	252	590	878	1029	1029	1029	1029	928	676	676	676	676	489	338	338	
Hydro		431	445	248	200	156	289	153	152	236	156	161	331	165	198	167	169	191	321	244	114	121	120	119	121	254	250	249	380	250	118	271	354	574	580	533	533	234	185	180	160	141	400	417	515	560	513	489	388		
S.Reserve Total		2239	2387	2481	2792	3116	3310	3502	3793	3972	3999	3954	4086	3900	3876	3990	3958	3483	2657	2650	2585	2654	2585	2346	2393	2819	2739	2801	2363	1963	1569	1394	1320	1302	1297	1717	1980	2162	2237	2185	2085	1830	1690	1782	1736	2002	1753	1651	1643		