

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,701 MW
Distillate	0 MW
Total TNB	1,701 MW
Total IPP	17,974 MW
Total Co-Gen	0 MW
Total System	23,383 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,113	3.38 %
Gas	64,666	16.68 %
Total TNB	77,779	20.06 %
ST-Coal	203,108	52.39 %
LSS	7,129	1.84 %
Gas	98,642	25.44 %
Total IPP	308,879	79.67 %
Co-Gen	741	0.19 %
Total Co-Gen	741	0.19 %
Total Generation	387,399	99.92 %
PLTG	105	0.03 %
EGAT	6	0.00 %
HVDC	-428	-0.11 %
Interconnection	-317	-0.08 %
Net Energy	387,716	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,518 MW
TNB Generation	4,063 MW
IPP Generation	14,304 MW
Spinning Reserve	1,115 MW
Maximum Demand	18,429 MW
Net Energy	387,716 MWH
Load Factor	87.66 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	341
Hydro	314
Syncon	478
Thermal	316
Total	1,449

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	188
Total TNB	217
CBPS	49
EMPP	298
KLPP	68
NPRI	91
PCGP	89
SKSP	50
SPGP	209
Total IPP	853
Total Gas	1,070
Total Gas Required	1,070

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	15802	15015	14444	13978	13752	13855	13937	13767	14164	15678	16567	16890	16775	16738	17635	18212	18429	17710	17045	16800	17476	17850	17569	17182

Daily MW Generation on Tuesday

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																								
JMHE	U001	972	981	982	938	900	899	900	880	848	853	849	850	851	851	866	972	975	976	973	975	974	973	974	972	975	975	973	974	974	974	971	973	976	969	979													
JMHE	U002	968	976	975	935	898	900	900	884	849	852	846	850	851	852	859	967	974	975	975	976	973	976	971	972	977	974	978	973	975	979	974	975	975	974	968	951	951	898	900	899	900	845	848	840	847	845		
JMJG	U001	674	677	676	669	675	669	673	677	677	674	673	672	670	672	673	672	672	672	671	669	671	672	671	674	668	675	675	674	674	669	671	673	669	672	669	668	674	671	675	672	671	671	678	673	671	673		
JMJG	U002	671	678	679	674	677	671	677	672	672	676	676	682	673	673	675	674	675	678	680	677	689	678	678	683	683	677	685	677	682	682	679	679	682	677	683	676	677	679	679	676	677	678	684	677	680	685	678	679
JMJG	U003	666	667	667	663	673	668	674	669	673	671	670	668	667	674	666	679	668	670	666	669	670	669	668	672	671	671	667	672	670	666	668	671	670	669	669	666	668	671	671	665	673	669	671	669	669	672	671	667
JMJG	U004	977	972	971	966	911	902	904	900	850	852	851	854	853	853	851	853	861	915	976	974	972	971	974	974	977	975	974	971	974	975	972	974	974	974	974	971	970	972	970	968	971	970	971	972	968	969	970	972
JMJG	U005	973	977	972	949	900	900	900	895	850	850	848	850	849	846	850	850	858	983	976	978	975	976	971	973	968	971	977	973	972	975	979	977	975	973	975	976	973	976	974	973	972	968	971	972	970	974	975	973
PKLG	U003	274	255	199	162	153	150	148	151	150	151	150	151	151	151	155	266	292	284	280	276	276	275	275	275	277	278	275	275	275	275	278	278	275	268	268	268	268	269	273	272	273	271	271	275	276	276		
PKLG	U004	273	253	193	150	148	160	147	150	153	157	151	155	154	155	155	158	226	274	275	281	281	278	282	278	274	275	272	270	269	265	270	271	269	254	234	233	233	232	233	232	237	235	237	239	256	277	279	
PKLG	U006	447	449	447	447	449	449	449	450	448	449	447	449	449	447	449	448	449	449	449	449	449	449	449	449	449	449	449	449	449	449	447	447	450	449	449	450	448	450	449	447	449	449	448	447	449	449	447	
TBIN	U001	233	210	211	211	210	210	210	211	211	211	209	211	211	209	211	210	209	210	211	211	209	210	211	211	285	405	453	572	631	630	628	629	629	631	631	629	630	630	630	631	703	702	694	694	697	697	694	
TBIN	U002	206	213	212	211	211	212	210	211	211	211	210	210	210	211	212	209	211	210	211	209	211	211	212	211	211	211	211	210	258	406	426	599	633	633	630	631	630	632	631	630	700	698	698	704	698	699	554	
TBIN	U003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124	209	200	209	212	210	212	203	211	209	209	209	210	
TBIN	U004	984	982	983	967	902	903	903	900	853	852	852	852	852	853	852	859	947	982	982	982	984	984	982	982	981	983	983	983	983	983	982	981	983	982	983	981	982	984	985	981	982	982	981	984	984	984	982	
Total ST-Coal		8318	8290	8167	7942	7707	7693	7695	7650	7445	7459	7432	7453	7440	7443	7454	7460	7501	8166	8335	8330	8337	8325	8315	8328	8319	8388	8524	8563	8686	8787	8929	8955	9126	9155	9143	9227	9300	9282	9297	9232	9250	9384	9384	9318	9331	9357	9372	9230
Total ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 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
CBPS	BLK2	343	361	219	201	201	202	202	203	207	201	201	201	201	195	203	215	359	355	360	361	361	361	361	357	357	354	360	361	361	361	361	364	361	361	351	360	361	360	359	360	363	360	359	358	357	361	355	358
EMPP	BLK1	665	585	595	638	672	584	457	463	545	542	600	600	600	601	593	600	709	711	702	707	709	707	711	710	707	707	687	711	705	702	705	720	710	709	688	710	709	704	714	709	715	710	694	709	693	708	693	697
EMPP	BLK2	668	585	590	635	672	579	449	464	551	540	600	601	599	599	592	601	709	710	702	712	709	710	708	710	708	708	689	711	699	704	702	719	709	709	687	710	709	710	715	709	716	710	693	708	697	708	692	696
EMPP	BLK3	668	711	711	710	710	710	711	626	549	543	600	600	600	711	592	600	709	710	702	711	710	710	709	707	708	688	709	700	706	706	720	710	709	688	710	710	709	714	708	716	709	698	709	691	709	693	695	
GLGR	GT02	94	93	94	94	94	93	94	93	93	93	93	93	93	93	93	93	93	93	94	93	93	93	93	93	93	94	93	95	94	94	94	108	108	108	93	93	93	93	93	93	93	93	93	93	93	93		
GLGR	ST1C	41	41	41	42	42	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41		
KLPP	GT13	139	140	139	140	141	104	104	104	104	107	104	103	104	104	100	104	103	103	105	103	103	141	141	102	105	105	105	105	105	139	139	138	139	139	112	112	112	105	104	109	141	141	140	140	104	103	0	
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	144	154	155	155	156	113	116	117	112	112	118	153	152	152	150	116	111	112	
KLPP	GT15	148	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	98	143	149	149	149	149	149	147	146	113	115	112	112	108	113	150	151	149	151	106	107	107	
KLPP	ST17	143	127	67	67	67	58	59	59	59	59	59	59	59	59	60	59	60	59	60	60	68	67	59	60	118	136	130	199	212	212	210	212	212	193	193	193	190	190	193	213	212	212	212	190	189	153		
NPRI	BLK1	357	540	536	329	329	328	331	331	332	334	328	326	327	329	313	328	395	446	505	517	515	513	516	514	512	510	508	514	512	515	517	511	515	512	505	514	512	514	512	512	519	513	512	515	509	515	506	509
NPRI	BLK2	484	319	319	331	331	331	329	333	339	349	329	330	341	332	317	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCGP	PGRG	554	605	602	602	605	605	605	607	607	614	601	602	601	603	584	601	603	594	584	603	602	601	602	602	599	595	590	603	603	595	606	620	604	602	584	603	605	604	596	603	613	602	598	603	595	603	591	597
SGRI	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKSP	BLK1	220	219	217	219	218	215	218	225	221	222	221	218	218	220	217	223	222	222	223	223	299	338	337	337	338	223	221	306	329	335	338	338	336	338	333	221	223	222										

Daily MW Generation on Tuesday

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
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	67	125	124	-1	-1	-1	-1	-1
HTRG	HY02	68	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	68	69	69	69	-1	-1	-1
HTRG	HY04	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	36	36	36	36	20	21	21
KNRG	HY03	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	37	37	37	37	20	20	20	20	20
KNYR	HY01	59	60	60	60	60	60	60	60	61	60	60	59	60	60	60	60	60	100	100	100	100	100	100	100
KNYR	HY02	90	61	61	61	62	61	61	61	65	68	61	80	66	60	73	100	61	67	98	92	100	95	88	61
KNYR	HY03	54	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	97	98	99	99	99	98	55
LPIA	HY01	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	12	12	15
LPIA	HY02	16	15	15	15	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	13	13	13
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	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	18	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	18	-1	-1	-1	-1	-1	-1
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	50	30	30
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	50	30	30
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	30	30	30
SYPS	HY01	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	0	0	0	0	0	0	0	17	17	17	17
TMGR	HY02	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	89	90	91	90	91	89	90
TMGR	HY04	36	41	42	42	41	42	41	44	43	47	68	41	66	48	40	52	82	41	40	41	43	44	74	72
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	136	134	138	89	-1	-1	92	147	151
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		502	347	329	329	329	329	329	331	330	338	364	328	373	361	326	352	409	249	271	323	392	596	619	623
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	5	9	18	20	23	23	8	11
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	8	12	17	18	22	22	24	21	33
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	12	17	21	25	28	30	32	23	32
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	16	23	29	34	38	41	43	44
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	18	25	17	33	22	37	43	48
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	11	12	7	8	21	10	12	28
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	16	21	27	34	38	42	45	49	50
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	13	18	20	25	27	30	25	30	29
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	12	13	30	30	38	46	48	48
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	19	32	46	59	68	75	84	89	93	93
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	16	22	28	32	37	40	43	45	37
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	15	19	23	26	29	30	30	28
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	28	44	62	75	89	94	96	59	49
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	12	18	21	19	27	30	13	29	29
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	12	21	26	19	29	23	25	26	22	12
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	12	18	25	16	23	11	17	31	51
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	17	61	63	79	85	55	56	98	80	95
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	31	51	67	83	88	98	100	100	114
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	14	22	30	36	43	48	43	52	52
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	18	24	29	34	37	44	44	47	33
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	9	11	19	10	22	11	11	26
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	14	20	29	30	30	30	30	30	30

Daily MW Generation on Tuesday

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 LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	119	295	446	604	705	770	841	928	874	965	1011	967	955	991	840	715	581	480	451	364	226	99	25	1	0	0	0	0	0	0	0	0	0
ESTL	ESTL	14	12	15	19	19	8	10	8	16	8	19	20	17	10	5	14	2	9	9	4	18	6	10	8	8	10	13	12	12	20	12	8	16	18	17	10	19	12	20	11	0	14	4	9	17	18	13	1
KHTC	BLK1	0	0	0	0	0	1	2	0	1	0	2	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	3	3	4	4	7	4	4	4	3	3	2	4	4	5	3	3	3	4	4	2	3	5	3	3	4	4	3	3	4	4	4	4	2	3	2	5	3	4	4	3	4	3	4	3	3	3	3	
PCUF	CUFK	10	11	11	10	13	10	13	13	11	11	11	11	12	13	11	11	12	12	9	12	10	11	10	12	10	10	12	11	12	11	11	10	11	11	9	11	11	11	11	10	12	10	10	11	11	9	12	
PFTZ	PFTZ	1	1	1	1	1	1	1	1	1	1	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	7	7	7	7	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Co-Gen		28	27	31	34	40	24	30	26	32	23	38	42	37	33	23	33	21	29	27	23	36	27	28	28	27	31	35	33	34	41	33	28	36	36	36	26	40	31	40	31	18	35	22	28	36	37	30	21
Total Gen		15848	15436	14948	14604	14441	14179	13942	13839	13729	13762	13890	13880	13925	14014	13777	13605	14197	15167	15669	16141	16472	16749	16880	16977	16740	16649	16709	17165	17615	17986	18150	18230	18403	18232	17745	17384	17056	16782	16863	16990	17494	17899	17839	17802	17526	17396	17155	16752
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
TIE-HVDC		-25	-25	-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	-30	-30	-29	-29	-29	-29	-30	-30	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-28	-27	-31	-28	-28	-28	-30		
TIE-PLTG		71	-28	-45	-24	-3	58	-36	-43	-23	-19	35	17	-12	-23	10	-37	33	7	-10	-43	-65	-35	19	-16	-7	-29	1	-61	10	39	-32	-28	3	30	63	83	39	71	92	35	46	30	19	-5	-15	10	1	30
Interconnection		46	-52	-67	-24	-3	58	-36	-43	-23	-18	35	17	-12	-23	10	-37	33	8	-9	-13	-95	-64	-10	-45	-35	-57	-29	-91	-20	9	-62	-58	-26	2	35	54	11	43	63	6	18	3	-11	-33	-43	-18	-27	0
System Total		15802	15488	15015	14628	14444	14121	13978	13882	13752	13780	13855	13863	13937	14037	13767	13642	14164	15159	15678	16154	16567	16813	16890	17022	16775	16706	16738	17256	17635	17977	18212	18288	18429	18230	17710	17330	17045	16739	16800	16984	17476	17896	17850	17835	17569	17414	17182	16752
SRev ST-Coal		356	362	370	514	731	753	739	743	747	745	747	740	754	750	745	746	740	459	319	326	318	330	340	329	338	342	326	337	332	336	342	334	337	339	326	413	423	384	378	395	376	244	235	260	244	238	249	316
SRev CCGT-Gas		1084	1312	1438	1560	1494	1726	1971	2027	1937	1937	1803	1802	1784	1682	1885	1577	1176	895	733	462	321	292	246	253	321	556	739	343	540	367	294	261	273	275	374	649	926	1018	878	653	378	251	289	252	306	403	571	465
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
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
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
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
Syncon		615	590	741	741	741	741	741	741	741	741	741	741	741	590	741	741	741	842	842	691	655	554	554	554	554	741	590	741	554	554	554	277	302	302	615	615	741	741	741	741	277	428	428	127	277	615	615	615
Hydro		260	353	220	220	220	220	218	219	211	185	221	176	339	223	197	140	199	202	301	268	252	229	225	330	229	371	173	329	275	192	338	203	300	334	407	281	309	318	318	577	279	288	303	496	218	299	257	
S.Reserve Total		2315	2704	2856	3122	3273	3527	3758	3816	3731	3721	3563	3591	3542	3448	3681	3348	2884	2482	2183	1867	1649	1428	1369	1361	1543	1955	2113	1681	1755	1532	1382	1210	1115	1216	1649	2084	2371	2452	2315	2107	1608	1202	1240	942	1323	1474	1734	1740