

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,926 MW
Distillate	0 MW
Total TNB	1,926 MW
Total IPP	17,059 MW
Total Co-Gen	0 MW
Total System	22,141 MW

Generation Mix

Type	MWh	Percentage
Hydro	11,831	3.31 %
Gas	41,947	11.74 %
Total TNB	53,778	15.05 %
ST-Coal	221,631	62.01 %
LSS	6,127	1.71 %
Gas	75,857	21.22 %
Total IPP	303,615	84.94 %
Co-Gen	-461	-0.13 %
Total Co-Gen	-461	-0.13 %
Total Generation	356,932	99.86 %
PLTG	-224	-0.06 %
EGAT	5	0.00 %
HVDC	-277	-0.08 %
Interconnection	-496	-0.14 %
Net Energy	357,428	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	17,698 MW
TNB Generation	3,316 MW
IPP Generation	13,304 MW
Spinning Reserve	1,099 MW
Maximum Demand	16,585 MW
Net Energy	357,428 MWH
Load Factor	89.80 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	845
Hydro	282
Syncon	420
Thermal	282
Total	1,829

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	164
Total TNB	193
CBPS	43
EMPP	181
KLPP	4
NPRI	135
PCGP	82
PLPS	58
SPGP	95
Total IPP	598
Total Gas	791
Total Gas Required	791

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	15767	14978	14446	13905	13525	13276	13306	13046	12782	13850	14715	15123	15209	15086	15513	15700	15708	15514	15090	15391	16567	16572	16090	15845

Daily MW Generation on Saturday

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																											
JMAH	U001	705	706	708	704	706	707	702	707	706	706	708	706	707	706	707	706	706	707	706	706	705	706	704	708	705	707	706	705	707																						
JMAH	U002	710	700	710	704	703	702	709	706	704	706	705	705	706	710	705	653	653	700	708	702	702	711	704	704	702	706	704	705	707	703	704	706	703	704	700	711	706	708	707	705	705	704	703	708	709	699	705				
JMHE	U001	978	975	976	972	901	901	899	900	900	850	848	848	850	852	846	849	852	849	849	849	848	930	930	929	930	928	930	928	928	927	929	954	977	976	976	976	976	972	976	972	974	976	973	975	979	974	973	973	972		
JMHE	U002	702	599	583	499	498	499	498	500	499	501	498	499	500	498	498	499	501	501	501	498	498	501	499	498	500	500	501	499	502	500	500	503	502	500	500	499	500	499	500	498	499	501	499	501	499	501	503	499	503	498	499
JMIG	U001	666	596	578	571	581	546	488	493	442	447	399	382	385	354	335	270	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JMIG	U002	681	679	676	679	686	684	675	682	679	679	681	682	679	682	679	682	679	678	681	681	677	677	678	679	681	679	677	682	680	683	679	685	676	682	679	683	682	678	681	682	673	679	683	680	682	678	682	689	669	686	
JMIG	U003	663	671	670	673	665	666	671	671	668	666	670	672	671	665	672	666	670	668	669	668	678	667	668	671	671	667	668	667	668	670	662	670	671	661	667	666	669	668	671	672	661	667	670	671	665	672	667	667	667		
JMIG	U004	974	972	976	978	943	897	899	900	901	866	851	852	849	853	851	848	852	852	854	898	927	925	933	930	933	929	928	930	930	940	977	979	982	978	978	977	977	981	979	977	973	976	981	973	975	976	976	980			
JMIG	U005	981	981	981	980	904	901	900	901	900	849	851	849	852	853	852	848	851	853	850	849	853	934	933	931	927	931	932	930	929	933	934	948	976	983	978	983	981	979	983	981	981	979	980	988	983	982	978	980			
PKLG	U003	280	277	277	277	276	277	279	279	276	277	276	276	276	280	277	278	278	278	278	276	275	278	278	279	277	276	278	278	278	277	278	277	277	277	277	268	250	249	249	252	254	255	253	255	255	254	257	280			
PKLG	U005	468	466	466	468	468	466	467	467	464	466	471	466	463	470	468	466	465	467	468	464	466	466	468	470	466	466	466	469	466	466	466	465	465	468	468	468	468	468	470	469	461	474	467	466	468	464	466				
TBIN	U001	699	696	700	699	695	700	698	697	674	650	650	646	599	601	600	496	497	679	696	703	695	697	699	700	698	699	692	698	698	698	699	699	699	698	699	697	703	692	697	700	692	697	693	698	701	700	698	696			
TBIN	U003	698	686	702	694	698	695	693	694	697	676	596	595	595	596	595	497	502	636	698	694	693	696	693	697	699	693	695	698	691	696	696	697	696	697	692	694	697	695	693	693	702	698	697	694	694	696					
TBIN	U004	980	980	980	980	980	900	900	900	900	900	900	900	900	900	850	850	850	852	854	852	852	933	931	934	933	933	934	933	932	933	934	945	979	977	982	981	981	981	981	979	978	981	982	979	980	980	983	980			
Total ST-Coal		10185	9984	9983	9878	9704	9541	9478	9497	9411	9239	9102	9080	9031	9019	8932	8553	8499	8719	8808	8790	8799	9096	9117	9121	9110	9122	9120	9119	9113	9130	9106	9188	9308	9309	9317	9299	9291	9278	9279	9295	9278	9271	9297	9300	9298	9303	9260	9310			
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	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	0	0	
CBPS	BLK2	222	222	221	221	221	221	222	222	221	222	222	222	222	222	222	222	222	222	223	242	220	221	227	221	222	222	222	221	311	296	295	331	359	359	222	222	221	298	360	360	359	360	360	360	360	360	360	359	360		
EMPP	BLK2	687	672	457	409	408	414	403	408	408	412	409	409	448	456	406	406	411	409	410	680	717	708	710	709	691	709	710	710	709	709	696	695	698	709	691	715	709	709	709	693	698	705	695	695	686	692	696	708			
EMPP	BLK3	683	670	458	409	408	417	403	407	408	412	408	409	448	459	406	406	411	411	537	679	717	707	710	709	690	709	709	710	710	696	697	698	710	690	714	709	709	709	692	699	699	696	692	686	690	695	708				
GLGR	GT02	94	94	94	93	94	95	94	94	94	94	94	94	94	94	94	94	94	95	95	95	95	95	94	95	96	95	95	95	95	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94		
GLGR	ST1C	41	41	40	41	41	41	41	41	41	41	41	41	40	41	41	41	41	41	41	41	42	42	42	42	42	42	42	42	42	41	41	41	41	41	41	42	42	42	42	41	42	41	41	42	42	41	42	42	42		
KLPP	GT15	116	113	116	114	113	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
KLPP	ST17	61	61	61	60	61	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NPRI	BLK1	387	332	331	331	328	332	323	326	326	331	329	328	335	335	326	332	329	332	333	337	404	393	386	517	511	375	334	358	520	521	508	518	520	516	512	516	438	464	523	521	523	525	523	512	505	514	521	527			
NPRI	BLK2	385	326	327	328	321	326	316	319	320	326	322	323	328	331	322	329	325	325	328	328	402	382	379	516	500	372	331	347	448	520	506	509	512	515	502	520	422	461	524	509	517	517	520	518	511	521	516	524			
PCGP	PGRG	610	604	600	600	491	505	379	386	391	400	391	393	402	405	388	397	397	599	604	604	615	604	611	602	591	605	604	603	601	600	596	598	600	605	587	612	603	603	602	591	597	600	599	599	583	601	601	600			
PLPS	GT11	127	128	128	128	129	130	123	126	125	129	129	128	128	125	128	129	130	128	129	132	129	128	129	126	128	126	127	116	116	116	115	116	116	112	118	116	115	114	137	139	139	139	123	111	115	115	111				
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	144	143	144	136	116	119	120	0		
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PLPS	ST18	60	59	59	60	58	58	55	57	57	57	58	57	58	58	58	58	58	58	58	58	59	58	59	59	58	58	59	116	133	134	132	134	132	132	132	133	133	132	133	132	133	141	211	211	211	209	197	197	185	94	
SPGP	BLK1	716	714	717	716	709	719	701	447	363	364	365	365	366	365	366	368	368																																		

Daily MW Generation on Saturday

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	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
HTRG	HY02	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
HTRG	HY03	3	4	4	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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	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
KNRG	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
KNRG	HY03	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
KNYR	HY01	99	99	99	99	99	98	98	98	98	98	99	99	99	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY02	100	100	100	100	98	98	98	98	98	100	98	99	99	0	0	0	0	0	0	0	0	0	0	0
LPIA	HY01	18	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
LPIA	HY02	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	-1	-1	20	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	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
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	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
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	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
TMGR	HY01	-1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	47	48	47	47	47	46	44	45	46	46	46	46	47	86	47	46	46	46	46	44	48	46	45	79
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPIA	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Total Hydro		489	480	500	480	478	478	491	475	477	497	476	479	481	477	509	473	262	277	298	318	298	278	279	276
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	2	6	7	13	17	18	20	20	19	16	26
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	12	16	18	22	25	25	26	7
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	5	9	6	10	12	15	26	31	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	11	23	26	23	11	19	40	19	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	7	10	12	15	23	36	24	24	
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7	11	18	13	20	22	25	27	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	5	21	25	29	34	36	23	11	
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	11	14	18	22	25	7	31	
JLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	14	18	24	25	33	40	10	
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	8	17	32	18	13	28	82	38	53	91	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	13	22	10	28	17	37	21	20	
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	4	14	7	19	13	17	18	29	
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	28	45	30	52	67	86	95	100	
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	13	20	23	22	22	25	13	27	
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	17	22	24	27	28	30	29	29	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	12	16	21	26	31	35	39	41	
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	8	24	45	59	72	78	80	84	87	87	
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	14	40	51	57	72	66	92	93	88	81	

