

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,360 MW
Distillate	0 MW
Total TNB	2,360 MW
Total IPP	18,691 MW
Total Co-Gen	0 MW
Total System	25,053 MW

Maximum Demand Record

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

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	59	Total	0
TJGS	171		
Total TNB	230		
CBPS	50		
EMPP	309		
NPRI	136		
PCGP	88		
SPGP	210		
Total IPP	794		
Total Gas	1,023		
Total Gas Required	1,023		

Alternate Fuel Usage

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	17,820 MW
TNB Generation	3,774 MW
IPP Generation	12,018 MW
Spinning Reserve	1,980 MW
Maximum Demand	15,897 MW
Net Energy	352,244 MWH
Load Factor	92.32 %

Generation Mix

Type	MWh	Percentage
Hydro	14,344	4.07 %
Gas	66,492	18.88 %
Total TNB	80,836	22.95 %
ST-Coal	171,407	48.66 %
LSS	4,618	1.31 %
Gas	93,774	26.62 %
Total IPP	269,799	76.59 %
Co-Gen	871	0.25 %
Total Co-Gen	871	0.25 %
Total Generation	351,506	99.79 %
PLTG	546	0.16 %
HVDC	-1,284	-0.36 %
Interconnection	-738	-0.21 %
Net Energy	352,244	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	389
Hydro	713
Syncon	661
Thermal	328
Total	2,091

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Cloudy	33
Morning	Sunny	27

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	14889	14096	13712	13235	12949	12783	12871	13078	13277	14406	15187	15560	15728	15310	15355	15854	15897	15738	15046	15034	15872	15794	15314	15085

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																											
JMAH	U001	698	470	340	211	217	215	215	214	214	215	213	214	215	214	339	540	642	708	700	703	707	705	703	705	707	705	703	705	705	706	704	705	706	690	352	301	411	582	705	706	705	706	505	268	213	214					
JMAH	U002	422	273	210	217	217	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
JMHE	U001	970	967	925	900	898	899	899	881	849	850	850	849	849	851	850	851	850	849	846	852	961	969	975	975	972	972	975	971	973	971	973	970	971	969	963	968	973	975	973	972	970	975	974	972	973	977	978	978			
JMHE	U002	977	976	941	898	900	899	901	886	850	850	851	851	853	853	852	858	848	851	849	850	973	976	977	977	977	975	977	977	979	975	981	976	983	980	979	978	978	981	977	976	978	980	979	979	979	983	981	980			
JMJG	U001	684	682	679	685	685	679	680	685	683	680	682	680	683	682	683	683	682	680	679	671	612	620	619	664	666	678	681	678	678	677	679	684	681	684	681	682	681	681	681	684	683	681	683	683	682	673	685	645			
JMJG	U002	684	679	675	679	680	679	680	682	676	679	682	678	679	681	683	684	679	678	688	679	678	677	682	687	674	684	679	677	680	675	678	679	682	676	682	683	682	677	678	673	673	676	671	674	672	678	673	672			
JMJG	U003	670	682	675	670	675	667	673	672	671	673	674	673	662	683	671	662	678	676	678	674	678	678	662	675	676	677	679	668	678	671	679	671	669	668	677	669	644	659	662	657	662	655	667	651	673	679	656	678			
JMJG	U005	977	977	903	901	900	903	901	899	900	903	900	901	900	900	899	900	902	902	975	975	975	983	974	979	976	977	976	978	974	977	977	978	976	974	977	977	978	976	974	977	976	976	979	975	977	975	977				
PKLG	U005	268	271	267	267	269	269	272	270	269	269	271	268	268	271	268	272	268	271	269	268	268	269	268	268	271	268	268	269	269	268	271	269	270	269	268	269	268	269	268	269	268	269	268	269	242	279	268	269			
PKLG	U006	272	267	269	267	270	268	269	268	267	271	267	269	267	269	269	269	267	270	267	269	269	268	271	268	269	269	269	269	269	269	268	269	268	269	269	269	268	269	268	270	269	268	269	269	267	269	266	272			
TBIN	U001	209	209	210	211	211	209	209	209	211	209	210	211	210	210	209	210	283	495	700	694	694	700	697	700	698	445	245	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210		
TBIN	U004	981	983	962	905	904	902	903	899	855	855	853	853	853	854	854	853	852	853	852	855	934	983	985	984	983	984	983	984	982	984	982	983	982	983	983	981	981	984	984	985	984	982	983	981	985	984	982	981			
Total ST-Coal		7812	7436	7056	6811	6826	6641	6602	6565	6443	6455	6454	6445	6439	6469	6454	6580	6773	6953	7233	7420	7745	7817	7816	7884	7866	7891	7637	7418	7399	7379	7403	7390	7396	7389	7395	7376	7013	6981	7090	7256	7378	7376	7386	7370	7164	6979	6887	6876			
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	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	0
CBPS	BLK2	349	356	353	361	357	206	200	201	202	199	201	201	203	201	201	199	313	355	357	361	358	357	361	363	361	358	358	361	362	352	358	360	362	361	363	356	361	358	361	367	361	360	361	358	361	365	360	359			
EMPP	BLK1	674	684	679	709	700	694	698	709	696	656	630	630	690	709	709	706	685	687	691	710	703	708	710	710	710	700	694	710	709	683	696	710	711	710	710	688	709	696	710	719	711	698	709	706	710	716	698	711			
EMPP	BLK2	674	685	679	710	692	710	710	710	709	709	711	709	710	710	709	709	685	687	692	710	700	708	711	711	710	694	695	710	710	684	697	711	711	709	711	688	709	696	709	717	711	698	709	710	710	717	699	712			
EMPP	BLK3	674	685	680	710	699	710	710	710	709	708	711	709	712	709	709	709	685	684	692	708	699	708	711	711	710	697	695	710	709	684	697	711	711	709	711	688	709	696	709	718	711	697	709	712	710	716	701	710			
GLGR	GT01	106	108	106	107	108	106	107	107	108	105	107	108	108	107	107	107	107	106	107	107	107	106	106	106	106	106	106	106	106	106	106	106	106	106	106	108	107	107	106	106	107	106	105	106	108	106	95				
GLGR	GT02	105	106	106	106	106	107	107	107	107	107	107	107	106	106	107	107	106	106	107	106	107	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	96			
GLGR	ST1C	97	96	96	97	97	97	96	96	97	96	97	96	97	96	97	96	96	96	96	96	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	96	96	96			
NPRI	BLK1	498	508	505	517	509	509	460	373	365	328	332	331	341	367	429	422	323	355	356	313	307	307	311	313	312	328	514	516	517	503	511	514	518	515	520	509	518	511	516	523	515	514	515	511	515	522	514	516			
NPRI	BLK2	499	511	506	517	511	500	448	370	361	327	329	330	338	365	427	410	320	361	363	310	305	304	308	311	308	304	356	374	517	503	512	515	517	517	521	509	518	512	518	525	518	517	517	514	517	523	516	516			
PCGP	PGRG	569	587	582	602	591	601	602	600	605	596	602	603	608	602	602	595	583	587	588	601	595	592	601	605	602	596	594	601	602	576	594	599	603	604	605	589	607	593	602	619	602	598	601	594	602	614	597	600			
SPGP	BLK1	702	713	706	716	707	719	719	719	717	714	717	718	718	717	718	718	709	711	710	720	712	715	719	717	718	715	714	718	718	704	710	713	714	714	715	710	717	708	717	731	717	717	719	715	720	721	716	718			
SPGP	BLK2	701	714	705	719	711	718	720	719	720	716	720	717	721	719	720	716	710	710	710	720	715	713	719	719	719	713	717	719	721	703	713	716	720	721	723	711	723	715	719	730	719	714	718	715	719	728	715	719			
TJGS	GT1A	226	226	226	150	150	100	100	100	100	100	100	100	100	100	100	135	135	135	135	223	223	223	223	223	223	223	223	223	223	223	223	223	223	226	226	226	226	226	226	226	226	226	226	226	226	228	227				
TJGS	GT1B	215	215	215	142	91	99	96	99	99	99	99	99	101	99	97	98	131	218	215	217	216	214	215	214	213	213	211	214	212	217	214	216	214	216	214	216	212	214	215	214	213	216	217	215	217	212	215	216			
TJGS	ST1C	242	242	242	208	164	144	144	144	144	144	144	144	144	144	144	144	144	144	144	174	239	242	243	244	244	244	244	244	245	246	246	246	244	244	244	244	244	244	244	244	244	244	244	244	243	244	243	243	242		
TJGS	GT2A																																																			

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
KNRG	HY03	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
KNYR	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
KNYR	HY02	59	59	60	96	60	60	61	62	64	61	61	61	67	61	61	85	99	61	61	61	70	101	77	62
KNYR	HY03	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
KNYR	HY04	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
LPIA	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
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	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
PGAU	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
PGAU	HY04	21	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
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	30	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	42	42	41	74	45	45	46	51	49	46	48	48	55	47	52	45	44	44	47	88	46	48	47	79
TMGR	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
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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	-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	6	6	5	5	5	6	6	6	6	6	5	5	6	5	5	5	5	5	6
UPIA	HY02	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 Hydro		375	374	375	445	379	381	413	389	388	382	384	387	399	387	396	384	383	469	474	560	475	498	582	638
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	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
JSLs	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
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

