

Daily System Generation Summary on Friday

Friday, May 19, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,125 MW
Distillate	0 MW
Total TNB	2,125 MW
Total IPP	19,191 MW
Total Co-Gen	0 MW
Total System	23,890 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,332	4.37 %
Gas	29,768	7.51 %
Total TNB	47,100	11.89 %
ST-Coal	255,636	64.53 %
LSS	5,853	1.48 %
Gas	87,968	22.20 %
Total IPP	349,457	88.21 %
Co-Gen	309	0.08 %
Total Co-Gen	309	0.08 %
Total Generation	396,866	100.18 %
PLTG	-25	-0.01 %
HVDC	720	0.18 %
Interconnection	695	0.18 %
Net Energy	396,171	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:	16:30:00 Hour
Total Set On Bus	19,975 MW
TNB Generation	2,927 MW
IPP Generation	15,864 MW
Spinning Reserve	1,169 MW
Maximum Demand	18,741 MW
Net Energy	396,171 MWH
Load Factor	88.08 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	595
Hydro	490
Syncon	413
Thermal	173
Total	1,671

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	26

Gas Usage

Station	(mmcsfd)
GLGR	30
TJGS	81
Total TNB	111
CBPS	43
EMPP	271
KLPP	8
NPRI	130
PCGP	82
PLPS	43
SPGP	93
Total IPP	671
Total Gas	781
Total Gas Required	781

Alternate Fuel Usage

Station	(mmcsfd)
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	16841	15883	15401	14908	14478	14171	14187	14005	14335	16051	16820	17337	17235	17006	17514	18275	18636	18526	17290	17135	17909	17682	17212	16965

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, June 2, 2023 2:52:12 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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	706	704	707	706	703	708	705	707	707	705	706	704	707	705	706	704	707	705	706	705	703	706	705	706	705	542	385	259	214																				
JMAH	U002	703	706	707	705	704	705	706	704	705	705	708	701	709	704	653	601	623	704	705	698	711	703	708	704	704	702	704	705	704	705	708	707	705	706	701	705													
JMHE	U002	977	976	978	977	976	975	975	931	899	901	899	901	899	899	902	950	950	948	956	974	969	976	974	975	972	976	974	978	973	978	976	977	980	983	981	980	980	976	978	974	970	973	974	973	975	975	974	975	
JMJG	U001	668	669	668	666	668	668	666	662	666	666	666	666	666	666	666	666	666	666	666	667	669	671	669	671	669	670	669	668	667	663	668	669	667	666	667	667	667	667	668	668	668	668	667	670	665				
JMJG	U002	505	512	512	512	508	509	510	510	514	514	512	512	670	690	690	690	690	685	685	677	673	681	681	681	681	686	682	679	678	682	679	678	654	593	600	601	602	630	673	682	679	678	680	681	678	679	676		
JMJG	U003	602	668	672	671	672	672	671	677	669	669	673	673	673	673	673	669	675	671	681	665	679	670	673	672	672	672	672	668	674	674	674	672	673	669	682	672	678	671	676	671	672	678	685	663	673	674	672	673	
JMJG	U004	979	979	980	979	982	982	982	951	923	923	905	905	905	905	905	930	952	953	963	976	981	979	979	982	977	979	978	979	977	978	980	982	981	981	978	980	979	978	978	981	977	980	982	976	980	978	980	978	980
JMJG	U005	978	979	977	977	979	977	982	931	906	906	901	901	901	901	910	952	953	967	980	979	977	978	971	973	979	976	979	976	975	975	976	973	979	982	973	974	972	974	977	974	979	977	977	967	975	977	976		
PKLG	U003	277	278	280	277	277	279	275	277	235	251	281	279	277	280	279	277	279	278	278	280	278	278	276	276	277	279	276	277	276	276	277	278	277	277	278	278	279	278	277	278	278	277	278	278	277	278			
PKLG	U004	274	273	274	275	274	272	267	269	258	246	271	270	272	275	274	269	274	270	271	273	271	273	273	272	279	270	258	248	253	249	251	252	251	250	255	253	251	251	249	266	276	275	271	278	275	277	286		
PKLG	U005	471	466	468	468	466	475	458	472	435	326	406	447	465	46																																			

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								
HTRG	HY01	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	125	124	125	125	124	124	68	68	68	68	68	68	69		
HTRG	HY02	68	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	123	69	125	125	124	124	124	69	69	69	69	69	-1	-1		
HTRG	HY03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
HTRG	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
KNRG	HY01	37	37	37	37	23	0	0	0	0	0	0	0	0	0	0	0	22	23	22	22	22	22	22	22	22	22	22	22	22	22		
KNRG	HY02	37	37	37	37	23	0	0	0	0	0	0	0	0	0	0	0	23	21	21	21	21	21	21	21	22	37	37	37	37	37	24	
KNRG	HY03	37	37	37	37	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	37	37	37	37	37	20	
KNYR	HY01	99	98	98	99	99	98	99	99	98	99	-1	59	57	99	-1	-1	54	58	58	99	99	99	99	99	99	99	99	98	98	98	98	
KNYR	HY02	99	99	99	99	99	99	99	99	99	88	100	61	73	57	59	78	56	61	59	93	89	59	68	59	60	99	99	95	98	98	98	
KNYR	HY03	99	99	98	97	96	95	95	94	94	95	0	0	0	0	0	0	54	54	52	52	50	52	53	53	55	54	55	98	98	98	98	
LPIA	HY01	11	12	12	12	12	12	12	12	12	12	12	12	11	12	12	12	11	12	11	11	11	11	11	11	11	16	16	16	16	16	16	
LPIA	HY02	15	14	14	14	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	16	16	16	16	16	15	
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	3	3	3	3	3	3	3	
PGAU	HY01	22	0	0	0	0	0	0	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	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	83	23	23	23	23	23	23	22	22	22	22	22	21	
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	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	0	0	0	0	0	0	0	
SIHY	HY01	30	0	0	0	0	0	0	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	0	0	0	0	0	0	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	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	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	0	0	0	0	0	0	0	
TMGR	HY01	85	85	35	35	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	41	42	41	42	41	40	41	39	42	42	42	82	84	85	84	84	86
TMGR	HY02	85	85	85	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	36	38	34	37	38	38	89	90	90	90	90	85	85	
TMGR	HY03	85	85	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	-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	-1	-1	-1	-1	-1	-1	-1	
UPIA	HY01	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5
UPIA	HY02	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5
Total Hydro		1025	806	755	625	513	442	443	441	439	441	235	307	265	318	219	203	224	332	342	339	536	530	493	506	485	497	498	527	645	837	931	
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0	0	0	0	0	0	0	

