

Daily System Generation Summary on Monday

Monday, August 14, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,163 MW
Distillate	0 MW
Total TNB	2,163 MW
Total IPP	17,905 MW
Total Co-Gen	0 MW
Total System	24,070 MW

Generation Mix

Type	MWh	Percentage
Hydro	14,107	3.87 %
Gas	59,452	16.33 %
Total TNB	73,559	20.20 %
ST-Coal	213,461	58.63 %
LSS	4,321	1.19 %
Gas	71,566	19.66 %
Total IPP	289,348	79.47 %
Co-Gen	519	0.14 %
Total Co-Gen	519	0.14 %
Total Generation	363,426	99.81 %
PLTG	21	0.01 %
HVDC	-705	-0.19 %
Interconnection	-684	-0.19 %
Net Energy	364,110	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	18,036 MW
TNB Generation	3,240 MW
IPP Generation	13,406 MW
Spinning Reserve	1,382 MW
Maximum Demand	16,705 MW
Net Energy	364,110 MWH
Load Factor	90.82 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	226
Hydro	241
Syncon	828
Thermal	378
Total	1,673

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Rainy	23

Gas Usage

Station	(mmscfd)
GLGR	52
TJGS	133
Total TNB	185
CBPS	0
EMPP	200
NPRI	162
PCGP	88
SPGP	210
Total IPP	660
Total Gas	845
Total Gas Required	845

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	15107	14322	13770	13184	12934	12677	13002	13151	13550	15103	15932	16460	16212	15919	16523	16496	16654	16295	15664	15601	16584	16621	16171	15693

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, August 24, 2023 8:25:34 AM
(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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	
KNYR	HY04	56	55	55	59	58	58	55	62	98	98	98	98	98	98	98	97	97	97	97	98	98	98	98	98	
LPIA	HY01	23	23	23	23	23	23	23	23	23	23	23	24	24	24	24	22	22	22	22	23	23	23	23	23	
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	18	21	20	20	19	21	17	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	15	-1	-1	-1	-1	-1	-1	
PGAU	HY02	18	21	20	21	19	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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	0	0	31	31	31	31	31	
SIHY	HY02	30	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	
SIHY	HY03	30	30	30	30	30	30	30	30	30	30	30	0	0	0	0	0	0	0	0	31	31	31	31	31	
SYPS	HY01	16	23	23	22	22	22	22	22	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY03	17	17	17	25	25	25	25	25	25	25	0	0	0	0	0	2	5	5	5	0	0	0	0	0	
SYPS	HY04	17	25	25	25	25	25	25	25	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	
TMGR	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	
TMGR	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	
TMGR	HY04	38	40	40	41	41	40	38	82	42	42	42	42	41	41	42	42	40	41	56	42	75	84	42	40	
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	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		538	578	583	567	545	545	506	590	617	609	621	621	621	537	543	541	543	433	443	564	632	642	665	492	488
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
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	4	18	26	25	17	14	15	25
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	7	15	8	15	18	23	18	21
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	8	7	6	9	16	18	23	22
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	11	14	10	20	25	24	8
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7	3	15	23	31	33	28	17	29
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	10	10	18	18	7	9	22	13	18
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	4	9	5	7	9	16	19	25	32
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	5	5	10	4	10	17	25	22	21
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	7	12	10	18	23	30	10	15
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	14	16	41	6	29	53	45	66
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	5	5	10	20	17	9	16	21
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	4	8	11	14	13	24	17	29
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	11	17	44	32	18	27	37	44	53	58
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	9	8	6	11	12	8	14	14
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	11	26	14	12	9	21	29	29	29
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	5	5	7	8	13	18	24	22
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	4	6	7	11	13	24	39	51
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	27	38	64	75	16	16	63	84	37	38
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	2	11	21	20	29	28	8	22	18
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	8	14	22	12	46	36	27	20	26
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	17	23	31	29	32	26	33	30
STLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	13	7	7	11	10	14	9	12
TBLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	8	18	27	30	30	30	19	30	30
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	48	127	179	335	384	357	412	507	573	549
ESTL	ESTL	16	14	15	16	14	13	10	4	15	18	17	20	21	24	19	19	15	17	17	17	21	16	18	15	13
KHTC	BLK1	-16	-14	-13	-14	-15	-12	-11	-14	-12	-17	-14	-13	-14	-16	-19	-16	-19	-24	-25	-29	-27	-29	-31	-31	-32
PCUF	CUFG	23	23	24	24	24	25	25	26	25	25	24	24	23	24	26	24	24	23	22	22	21	22	21	22	21
PCUF	CUFK	3	3	3	3	2	1	2	3	2	4	3	1	2	2	3	3	3	4	2	3	3	3	3	1	4

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
PFTZ	PFTZ	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4