

ANDHRA PRADESH STATE LOAD DESPATCH CENTRE

From

Chief Engineer,
APSLDC,
Vidyut Soudha,
Gunadala, Vijayawada- 520 004.

To

The Executive Director,
RAC,PLG,EA & IPC,
APSPDCL,19-13-65/A,
Vidyut Nilayam, Srinivasapuram,Tirupati.

The Chief General Manager,
RAC,PPA & Solar Energy,
3rd Floor,APEPDCL,
Corporate office,P&T Colony,
Sethammadhara,Visakhapatnam-530013.

The Chief General Manager,
APCPDCL,Corporate office,
ITI Road,Vijayawada.

Lr. No. CE/SLDC/SE/GO/DEPPMO/DEE2/AEE-PP/F.Avail/D. No.370/22, Dt.16 .09.2022

Sir,

Sub: APSLDC-Provisional Percentage cumulative availabilities/Capacity Index of
APGENCO,APPDCL thermal Power stations and APGENCO Hydel stations up
to the month of August 2022 for 2022-23 Communicated- Regarding.

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The provisional percentage cumulative availabilities/Capacity Index
of APGENCO ,APPDCL Thermal stations and APGENCO Hydel stations up to the
month of August 2022 are attached herewith. It is requested to arrange for placing the
availabilities in the Website as per Directive at para No 117,page No.80 of APERC
tariff order for the year 2022-23.

Encl: As above.

Yours faithfully,


Chief Engineer/APSLDC

Copy Communicated to CGM/Commercial/APTRANSCO/Vidyut Soudha/Vijayawada.
It is requested to arrange for placing the availabilities in the Websites as per Directive
at para No 117,page No.80 of APERC tariff order for the year 2022-23.
Copy Communicated to the Chief Engineer/Commercial/APGENCO/Vidyut
Soudha/Vijayawada. — 16.9.2022
Copy Communicated to CGM/APPDCL/Ce ntral Excise Colony/Road No.1/Andhra Loyola
College road/Vijayawada-520004.
Copy Communicated to the Chief General Manager/Power Purchase/APPCC/Vidyut
Soudha/Vijayawada.



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Provisional Percentage availabilities/Capacity Index of APGENCO Thermal and Hydel stations for the Year 2022-23

	Thermal Stations							Hydel stations							
Station/Month	RTPP-1	RTPP-2	RTPP-3	RTPP-4	NTTS I TO III	NTTS-IV	K.Patnam, Stage-1	SSRB	Lower Sileru	Upper Sileru	Donkarayi	NSRC	Pennahobi lam	Chettipeta	NSRTail Pond
Apr-22	87.66	74.13	57.80	72.82	86.98	96.71	47.85	--	100	100	94.77	100	--	100	100
May-22	70.70	81.36	81.72	73.72	81.99	94.19	41.20	--	99.14	100	99.96	100	--	--	100
Jun-22	64.10	94.46	85.19	58.79	73.28	98.05	25.66	--	100	100	100	100	--	100	71.03
Jul-22	37.92	93.41	84.90	70.72	66.21	48.56	43.90	99.64	100	100	100	100	--	100	80.7
Aug-22	53.55	82.87	83.79	15.26	57.48	70.11	51.32	99.20	100.00	94.62	100.00	100.00	100.00	100.00	70.76
Cumulative up to August for 2022-23	62.61	85.26	78.77	58.16	73.10	81.32	42.05	99.38	99.81	98.90	98.81	100.00	100.00	100.00	81.50


CHIEF ENGINEER
APSLDC, VIDYUT SOUDHA
VIJAYAWADA

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The Chief General Manager,
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ITI Road,Vijayawada.

Lr. No. CE/SLDC/SE/GO/DEPPMO/DEE2/AEE-PP/F.Avail/D. No.367/22, Dt. 15.08.2022

Sir,

Sub: APSLDC-Percentage cumulative availabilities of Central Generating Stations (CGS) up to the month of July 2022 for 2022-23 Communicated- Regarding.

Ref: 1.Lr.No.CGM/RAC&IPC/SPDCL/TPT/GM/RAC/F.Directives/D.No.408/22,Dt:29.7.22
2 .Lr.No.CGM/Projects/GM/PP&RAC/CP/VJA/F.No.41/D.No.200/22,Dt:22.08.2022.
3. Lr. No. CGM/RAC,PPA&SE/EPDCL/VSP/RA/D.No.I/424200/22,Dt:22.08.2022

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The Percentage cumulative availabilities of Central Generating Stations (CGS) as declared by SRPC in their website up to the month of July 2022 are attached herewith. It is requested to arrange for placing the availabilities in the Website as per Directive at Para No 117, page No.80 of APERC tariff order for the year 2022-23.Further it is to inform that the availabilities of CGS station are available in the SRPC website (<https://www.srpc.kar.nic.in>) under Regional Energy Account (REA) and may be downloaded from time to time.

Encl: As above.

Yours faithfully,


Chief Engineer/APSLDC

Copy Communicated to CGM/Commercial/APTRANSCO/Vidyut Soudha/Vijayawada.

It is requested to arrange for placing the availabilities in the Websites as per Directive at para No 117,page No.80 of APERC tariff order for the year 2022-23.

✓ Copy Communicated to CGM/Power Purchase/APPCC/Vidyut Soudha/Vijayawada.

1a. Plant Availability Factor of Inter State Generating Stations During High Demand Season for The FY 2022-23 (April 2022, February 2023 and March 2023)

April-2022, Peak Hours:06:30 to 9:00 Hrs and 16:30 to 18:00 Hrs

ISGS	Plant Availability Factor (In Percentage)			
	Peak hours		Off Peak Hours	
	For The Month April, 2022	Up to The Month For High Demand Season 2022-23	For The Month April, 2022	Up to The Month For High Demand Season 2022-23
NTPC RSTPS Stage 1 & 2 (I.C=2100,NAux=7.04%,NPAF=NPLF=85%)	85.303	85.303	85.136	85.136
NTPC RSTPS Stage 3 (I.C=500,NAux=6.25%,NPAF=NPLF=85%)	102.471	102.471	102.471	102.471
NTPC Talcher STPS Stage 2 (I.C=2000,NAux=6.25%,NPAF=NPLF=85%)	100.207	100.207	100.651	100.651
NTPC Simhadri STPS Stage 2 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	100.345	100.345	100.89	100.89
NTPC Simhadri STPS Stage 1 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	97.29	97.29	97.424	97.424
NTPC Kudgi STPS Stage 1 (I.C=2400,NAux=6.25%,NPAF=NPLF=85%)	82.561	82.561	70.001	70.001
NTECL Vallur STPS (I.C=1500,NAux=6.25 %,NPAF=NPLF=85%)	95.084	95.084	94.52	94.52
NLC TS II Stage 1 (I.C=630,NAux=10%,NPAF=NPLF=85%)	93.633	93.633	92.976	92.976
NLC TS II Stage 2 (I.C=840,NAux=10%,NPAF=NPLF=85%)	97.765	97.765	98.178	98.178
NLC TS I Expn (I.C=420,NAux=8.5%,NPAF=NPLF=85%)	100.963	100.963	100.706	100.706
NLC TS 2 Expn (I.C=500,NAux=10%, NPAF=80%,NPLF=75%)	44.234	44.234	45.069	45.069
NTPL (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	43.934	43.934	43.752	43.752
NNTPP (I.C=1000,NAux=6.25%,NPAF=NPLF=85%)	84.415	84.415	83.363	83.363

1b. Plant Availability Factor of Inter State Generating Stations During Low Demand Season for The FY 2022-23 (May 2022 to January 2023)

May-2022, Peak Hours:06:00 to 08:00 Hrs and 18:30 to 20:30 Hrs

ISGS	Plant Availability Factor (In Percentage)			
	Peak hours		Off Peak Hours	
	For The Month May,2022	Up to The Month For Low Demand Season 2022-23	For The Month May,2022	Up to The Month For Low Demand Season 2022-23
NTPC RSTPS Stage 1 & 2 (I.C=2100,NAux=7.04%,NPAF=NPLF=85%)	86.102	86.102	86.484	86.484
NTPC RSTPS Stage 3 (I.C=500,NAux=6.25%,NPAF=NPLF=85%)	101.23	101.23	100.937	100.937
NTPC Talcher STPS Stage 2 (I.C=2000,NAux=6.25%,NPAF=NPLF=85%)	101.831	101.831	101.774	101.774
NTPC Simhadri STPS Stage 2 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	80.518	80.518	81.075	81.075
NTPC Simhadri STPS Stage 1 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	99.049	99.049	99.94	99.94
NTPC Kudgi STPS Stage 1 (I.C=2400,NAux=6.25%,NPAF=NPLF=85%)	88.488	88.488	84.2	84.2
NTECL Vallur STPS (I.C=1500,NAux=6.25 %,NPAF=NPLF=85%)	97.835	97.835	97.627	97.627
NLC TS II Stage 1 (I.C=630,NAux=10%,NPAF=NPLF=85%)	76.179	76.179	77.46	77.46
NLC TS II Stage 2 (I.C=840,NAux=10%,NPAF=NPLF=85%)	84.279	84.279	84.917	84.917
NLC TS I Expn (I.C=420,NAux=8.5%,NPAF=NPLF=85%)	99.744	99.744	99.441	99.441
NLC TS 2 Expn (I.C=500,NAux=10%, NPAF=80%,NPLF=75%)	63.911	63.911	63.018	63.018
NTPL (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	96.281	96.281	96.26	96.26
NNTPP - Unit 1 (I.C=1000,NAux=6.25%,NPAF=NPLF=85%)	101.787	101.787	102.355	102.355

1b. Plant Availability Factor of Inter State Generating Stations During Low Demand Season for The FY 2022-23 (May 2022 to January 2023)

June-2022, Peak Hours:06:00 to 08:00 Hrs and 18:30 to 20:30 Hrs

ISGS	Plant Availability Factor (In Percentage)			
	Peak hours		Off Peak Hours	
	For The Month June,2022	Up to The Month For Low Demand Season 2022-23	For The Month June,2022	Up to The Month For Low Demand Season 2022-23
NTPC RSTPS Stage 1 & 2 (I.C=2100,NAux=7.04%,NPAF=NPLF=85%)	95.343	90.647	95.324	90.832
NTPC RSTPS Stage 3 (I.C=500,NAux=6.25%,NPAF=NPLF=85%)	38.206	70.235	37.511	69.744
NTPC Talcher STPS Stage 2 (I.C=2000,NAux=6.25%,NPAF=NPLF=85%)	103.377	102.591	103.518	102.632
NTPC Simhadri STPS Stage 2 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	51.459	66.226	51.459	66.51
NTPC Simhadri STPS Stage 1 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	102.199	100.598	102.839	101.366
NTPC Kudgi STPS Stage 1 (I.C=2400,NAux=6.25%,NPAF=NPLF=85%)	100.75	94.518	100.494	92.214
NTECL Vallur STPS (I.C=1500,NAux=6.25 %,NPAF=NPLF=85%)	95.724	96.797	95.514	96.588
NLC TS II Stage 1 (I.C=630,NAux=10%,NPAF=NPLF=85%)	85.433	80.73	86.143	81.73
NLC TS II Stage 2 (I.C=840,NAux=10%,NPAF=NPLF=85%)	74.979	79.705	75.54	80.305
NLC TS I Expn (I.C=420,NAux=8.5%,NPAF=NPLF=85%)	100.963	100.343	100.963	100.19
NLC TS 2 Expn (I.C=500,NAux=10%, NPAF=80%,NPLF=75%)	62.519	63.226	62.184	62.608
NTPL (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	87.53	91.977	87.004	91.708
NNTPP - Unit 1 (I.C=1000,NAux=6.25%,NPAF=NPLF=85%)	84.906	93.485	84.599	93.623

1b. Plant Availability Factor of Inter State Generating Stations During Low Demand Season for The FY 2022-23 (May 2022 to January 2023)

July-2022, Peak Hours:06:00 to 08:00 Hrs and 18:30 to 20:30 Hrs

ISGS	Plant Availability Factor (In Percentage)			
	Peak hours		Off Peak Hours	
	For The Month July,2022	Up to The Month For Low Demand Season 2022-23	For The Month July,2022	Up to The Month For Low Demand Season 2022-23
NTPC RSTPS Stage 1 & 2 (I.C=2100,NAux=7.04%,NPAF=NPLF=85%)	83.292	88.168	83.852	88.48
NTPC RSTPS Stage 3 (I.C=500,NAux=6.25%,NPAF=NPLF=85%)	0	46.569	0	46.243
NTPC Talcher STPS Stage 2 (I.C=2000,NAux=6.25%,NPAF=NPLF=85%)	100.461	101.873	101.195	102.148
NTPC Simhadri STPS Stage 2 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	81.332	71.316	82.411	71.868
NTPC Simhadri STPS Stage 1 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	103.013	101.412	102.919	101.889
NTPC Kudgi STPS Stage 1 (I.C=2400,NAux=6.25%,NPAF=NPLF=85%)	97.097	95.387	97.415	93.966
NTECL Vallur STPS (I.C=1500,NAux=6.25 %,NPAF=NPLF=85%)	65.176	86.142	65.157	85.997
NLC TS II Stage 1 (I.C=630,NAux=10%,NPAF=NPLF=85%)	54.236	71.803	54.292	72.485
NLC TS II Stage 2 (I.C=840,NAux=10%,NPAF=NPLF=85%)	79.316	79.574	79.828	80.145
NLC TS I Expn (I.C=420,NAux=8.5%,NPAF=NPLF=85%)	100.963	100.552	100.958	100.448
NLC TS 2 Expn (I.C=500,NAux=10%, NPAF=80%,NPLF=75%)	36.919	54.362	37.834	54.26
NTPL (I.C=1000,NAux=5.75%,NPAF=NPLF=85%)	88.182	90.698	88.554	90.645
NNTPP - Unit 1 (I.C=1000,NAux=6.25%,NPAF=NPLF=85%)	101.177	96.077	101.473	96.268