# ANDHRA PRADESH STATE LOAD DESPATCH CENTRE

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

APCPDCL
CO VJA

| | |
|---|---|
| Director (Tech.) | |
| Director (Fin.) | |
| CMD | |

**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.479 /23, Dt: 04.08.2023**

**Sir,**

DIRECTOR (Tech)
APCPDCL, VJA.

| | |
|---|---|
| P&MM | |
| [illegible] | |
| [illegible] | |
| IPC | ✓ |
| CIVIL | |
| [illegible] | |
| [illegible] | |

**Sub:** APSLDC-Provisional cumulative Percentage availabilities of Central Generating Stations (CGS) up to the month of July 2023 for FY 2023–24 Communicated- Regarding.

**Ref:** 1.Lr.No.CGM/RAC&IPC/SPDCL/TPT/GM/RAC/F.FPPCA/D.No.141/22,Dt:17.4.23.
2 .Lr.No.CGM/RAC/GM/PP&RAC/CP/VJA/F.No.59/D.No.114/23,Dt:28.04.2023.

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The Provisional Cumulative Percentage availabilities of Central Generating Stations (CGS) as declared by SRPC in their website up to the month of July 2023 are attached herewith. It is requested to arrange for placing the availabilities in the DISCOM's Website as per Directive at Para No 128, page No.100 of APERC tariff order for the year 2023-24.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.

R.no:-998.
dt:- 23/8/23.

CGM (RAC)
APCPDCL, VJA

| | |
|---|---|
| PP&RAC | ✓ |
| SCADA | |

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 128,page No.100 of APERC tariff order for the year 2023-24.
Copy Communicated to CGM/Power Purchase/APPCC/Vidyut Soudha/Vijayawada.

To EE/PPS&RAC for n.a

# 1a. Plant Availability Factor of Inter State Generating Stations During High Demand Season for The FY 2023-24 (April 2023, February 2024 and March 2024)

## April-2023, Peak Hours:06:00 to 08:00 Hrs and 18:30 to 20:30 Hrs

| ISGS | Plant Avalibility Factor (In Percentage) | | | |
|---|---|---|---|---|
| | Peak hours | | Off Peak Hours | |
| | For The Month April, 2023 | Up to The Month For High Demand Season 2023-24 | For The Month April, 2023 | Up to The Month For High Demand Season 2023-24 |
| NTPC RSTPS Stage 1 & 2 (I.C=2100,NAux=7.04%,NPAF=NPLF=85%) | 93.758 | 93.758 | 93.386 | 93.386 |
| NTPC RSTPS Stage 3 (I.C=500,NAux=6.25%,NPAF=NPLF=85%) | 104.704 | 104.704 | 104.759 | 104.759 |
| NTPC Talcher STPS Stage 2 (I.C=2000,NAux=6.25%,NPAF=NPLF=85%) | 103.568 | 103.568 | 103.537 | 103.537 |
| NTPC Simhadri STPS Stage 2 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%) | 103.775 | 103.775 | 103.955 | 103.955 |
| NTPC Simhadri STPS Stage 1 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%) | 97.029 | 97.029 | 97.265 | 97.265 |
| NTPC Kudgi STPS Stage 1 (I.C=2400,NAux=6.25%,NPAF=NPLF=85%) | 105 | 105 | 105 | 105 |
| NTECL Vallur STPS (I.C=1500,NAux=6.25 %,NPAF=NPLF=85%) | 102.243 | 102.243 | 101.408 | 101.408 |
| NLC TS II Stage 1 (I.C=630,NAux=10%,NPAF=NPLF=85%) | 51.341 | 51.341 | 50.855 | 50.855 |
| NLC TS II Stage 2 (I.C=840,NAux=10%,NPAF=NPLF=85%) | 48.317 | 48.317 | 47.888 | 47.888 |
| NLC TS I Expn (I.C=420,NAux=8.5%,NPAF=NPLF=85%) | 92.735 | 92.735 | 92.751 | 92.751 |
| NLC TS 2 Expn (I.C=500,NAux=10%, NPAF=80%,NPLF=75%) | 60.709 | 60.709 | 60.963 | 60.963 |
| NTPL (I.C=1000,NAux=5.75%,NPAF=NPLF=85%) | 98.353 | 98.353 | 98.667 | 98.667 |
| NNTPP (I.C=1000,NAux=6.25%,NPAF=NPLF=85%) | 98.32 | 98.32 | 98.728 | 98.728 |

# 1b. Plant Availability Factor of Inter State Generating Stations During Low Demand Season for The FY 2023-24 (May 2023 to January 2024)

## July-2023, Peak Hours:06:00 to 08:00 Hrs and 18:30 to 20:30 Hrs

| ISGS | Plant Avalibility Factor (In Percentage) | | | |
|---|---|---|---|---|
| | Peak hours | | Off Peak Hours | |
| | For The Month July,2023 | Up to The Month For Low Demand Season 2023-24 | For The Month July,2023 | Up to The Month For Low Demand Season 2023-24 |
| NTPC RSTPS Stage 1 & 2 (I.C=2100,NAux=7.04%,NPAF=NPLF=85%) | 85.095 | 82.48 | 84.635 | 82.446 |
| NTPC RSTPS Stage 3 (I.C=500,NAux=6.25%,NPAF=NPLF=85%) | 102.336 | 103.996 | 102.951 | 104.171 |
| NTPC Talcher STPS Stage 2 (I.C=2000,NAux=6.25%,NPAF=NPLF=85%) | 79.684 | 87.357 | 79.815 | 87.483 |
| NTPC Simhadri STPS Stage 2 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%) | 51.065 | 82.443 | 51.058 | 82.405 |
| NTPC Simhadri STPS Stage 1 (I.C=1000,NAux=5.75%,NPAF=NPLF=85%) | 104.97 | 102.383 | 104.98 | 102.084 |
| NTPC Kudgi STPS Stage 1 (I.C=2400,NAux=6.25%,NPAF=NPLF=85%) | 79.194 | 94.851 | 79.196 | 94.898 |
| NTECL Vallur STPS (I.C=1500,NAux=6.69 %,NPAF=NPLF=85%) | 103.266 | 87.147 | 103.501 | 87.354 |
| NLC TS II Stage 1 (I.C=630,NAux=10%,NPAF=NPLF=85%) | 37.854 | 51.528 | 37.994 | 51.714 |
| NLC TS II Stage 2 (I.C=840,NAux=10%,NPAF=NPLF=85%) | 27.556 | 24.579 | 27.559 | 24.725 |
| NLC TS I Expn (I.C=420,NAux=8.5%,NPAF=NPLF=85%) | 93.429 | 76.842 | 93.988 | 77.332 |
| NLC TS 2 Expn (I.C=500,NAux=10%, NPAF=80%,NPLF=75%) | 63.683 | 52.316 | 64.021 | 52.404 |
| NTPL (I.C=1000,NAux=5.75%,NPAF=NPLF=85%) | 50.728 | 65.172 | 51.699 | 65.691 |
| NNTPP - Unit 1 (I.C=1000,NAux=6.25%,NPAF=NPLF=85%) | 91.066 | 89.261 | 92.001 | 89.386 |