#### MINUTES OF THE 74<sup>th</sup> SLCF MEETING HELD ON 13/01/2025

Smt. R. Chakraborty, Chief Engineer (SLDC), WBSETCL & Chairman, SLCF welcomed all the participant members to the 74<sup>th</sup> SLCF meeting at the SLDC conference room.

### ITEM No: 1 CONFIRMATION OF THE MINUTES OF 73<sup>rd</sup> SLCF MEETING HELD ON 28.08.2024.

The minutes were circulated vide memo no: SLDC/How/109/2024-25/614 (1-25) dated 04/10/2024.

The minutes of the 73<sup>rd</sup> SLCF meeting was taken as accepted.

#### ITEM No: 2. REVIEW OF STATE GRID PERFORMANCE:

Superintending Engineer, SLDC delivered a Power point presentation on the grid performance based on operational statistics for the period of **September-24**, **October-24**, **November-24**.

A critical analysis on the September-24, October-24 and November-24 grid performance reveals the following:

Declared month wise Peak hours in the following table:

Month	Peak Period (Hours)
September-2024	20:00 - 24:00
October-2024	18:00 - 22:00
November-2024	17:00 - 21:00

The Presentation for the month of September-24, October-24 and November-24 is provided separately with these minutes.

#### ITEM No: 3. IMPORTANT GRID INCIDENTS:

- (a) Event: At 22:08 Hrs., 25/12/24, due to R Phase Bus Side CT burst out in respect to 132kV BTPS-Dharampur # 1 at Dharampur end. Result:
  - (i) 132kV Jeerat Dharampur D/C, 132kV Dharampur Kalyani D/C, 132kV Dharampur Ranaghat D/C, 132kV Dharampur Panpur D/C, 132kV Dharampur BTPS D/C tripped, along with 160MVA Tr#1 & 2 at Dharampur S/S, leading to load loss at Dharampur, Titagarh, Panpur S/S.

(ii) Also **Load loss at Kalyani S/S also occurred**, due to tripping of 132kV BTPS - Kalyani #1 as well [132kV BTPS - Kalyani #2 is under long shutdown], from 22:08Hrs to 22:16Hrs, of 37MW.

Relay at BTPS end as reported i.r.o132kV BTPS - Kalyani #1 are: DIST RELAY, PSB, Z2, DIST ABC OPTD,14.40 KM, IA=3.803 KA, IB=899.6 A, IC=1.295 KA Kalyani End: - NOT TRIPPED.

#### Deliberation:

Representative of BTPS mentioned that protection coordination issue observed at their end, which was found to be misaligned with the standard protection coordination norms.

Representative of SLDC deliberated that protection coordination settings should be reviewed and adjusted immediately as per the prescribed norms and standards.

(b) Event: On 5th September, 2024 Coochbihar-Dinhata and Mathavanga-Dinhata both circuits tripped simultaneously resulted in interruption of Dinhata sub-stn from 04:12 hrs. to 04:21 hrs.

Relay details in respect to coochbihar - dinhata circuit Coochbihar- R-Y PH, Z1,45.2KM, Ir-2.33KA, Iy-2.33KA; dinhata- Z1, A-G,33.305KM, Ia-364mA, Ib-385mA, Ic-493mA Relay details iro Mathavanga-Dinhata circuit Mathavanga-Z1, R-YPH,88.4KM, 1.19KA,1.23KA,0.22KA Dinhata- Z1,48.38KM, B-C-G,409mA,389mA,311mA

#### Deliberation:

The relay at DINHATA end was malfunctioned, leading to unusual tripping. It was decided that further investigation by CTD, WBSETCL, is required to determine the cause and resolve the issue immediately to ensure the system's proper functioning.

(c) Event: on 22nd September, 2024 at Raghunathpur 132 kV sub-station load loss took place due to tripping of 4 nos of 132 kV ckts at around11.55 hrs. 86 relay only operated against respected circuit at Raghunathpur end and far end not tripped at that time

#### Deliberation:

During the rectification of the DC earth fault, the 86-relay operated, resulting all feeders got tripped from RAGHUNATHPUR end. CTD, WBSETCL has been requested to investigate the incident thoroughly to identify the reason for the 86-relay operation during the DC earth fault rectification work.

#### ITEM No: 4. OPERATIONAL PLANNING:

### (a) ANTICIPATED POWER SUPPLY POSITION FOR THE MONTH OF FEBRUARY-25, MARCH-25 AND APRIL-25.

Description	FEBRUARY-25	MARCH-25	APRIL-25	
WBPDCL S/O Generation	3300	3600	3600	
WBSEDCL Own Maximum Demand	6300	8640	11050	
CESC Maximum Demand	1570	1920	2850	
CESC Own gen.+ HEL (S/O) + (PCBL & CPL) +Import	700+540+50+280	700+540+50+630	830+540+50+1430	
DPL Generation Availability (GROSS)	500	500	500	
IPCL demand met from J.K. Nagar conectivity	130	130	140	
HIRel Generation (Approximate)	250	250	250	

- Representative of SLDC requested all entities to provide hourly/block wise(preferable) forecast from April-2025 to March-2026 for ATC/TTC calculation.
  - (b) SETTLEMENT OF SHUT DOWN PROPOSALS FOR THE MONTH OF FEBRUARY-25, MARCH-25 AND APRIL-25. i.r.o GENERATING UNITS, TRANSMISSION LINES AND OTHER EQUIPMENTS.

UNIT	From	To	REMARKS
SGTPP #6		15.02.2025	
KTPP #5	27.01.2025	16.02.2025	for Boiler maintenance.

• Representative of ALDC, WBSEDCL has mentioned that reduction in generation (DC) during peak hours is not desirable. He also mentioned such incident has happened to the generation of DPL.

#### ITEM No: 5. AGENDA NOTES PUT UP BY SLCF MEMBERS FOR DISCUSSION:

#### 5.1. Agenda note put up by BTPS

#### 1. Tripping of both 132kV BTPS Dharampur circuits. on 25.12.24 & 31.12.24.

Significant variation in 132kV Bus Voltage with huge instantaneous surge observed at BTPS end due to the recent tripping of 132kV BTPS Dharampur Ckt#1 & 2 simultaneously on 25.12.24 & 30.12.24.

As per information received on 25.12.24 that CT burst incident took place at R-ph of 132kV BTPS Dharampur Ckt#1 and the same incident again took place on 30.12.24 at Y-ph of the same O/G Feeder.

#### Deliberation:

Please refer to the deliberation of item no. 3(a)

#### 5.2. Agenda note put up by STPS

Time frame violation in case of SG change (under normal weather condition)

- i. On 07.06.2024 Rev No. 143 triggered at Samast Portal at 09=14 Hrs. where SG has been changed for Time Block No. 39 & 41 without maintaining time frame.
- ii. On 06.11.2024 Rev No. 78 & 86 triggered at Samast Portal at 09=05 Hrs. & at 09=46 Hrs. respectively where SG has been changed for Time Block No. 41, 42 & 43 without maintaining time frame.
- iii. On 29.11.2024 Rev No. 46 triggered at Samast Portal at 04=50 Hrs. where SG has been changed for Time Block No. 23, 24 & 25 without maintaining time frame.

#### Deliberation:

The representative of SLDC explained that whenever changes occur at the generating stations, for e.g. unit tripping, an estimated SG must be updated in the SAMAST portal starting from the 7th or 8th block as mandated, on a priority basis. This update should be made alongside their own maintenance tasks to ensure that all other entities are informed of the changes and can make the necessary adjustments to their respective drawal schedules accordingly.

Additionally, the representative of ALDC, WBSEDCL addressed SGTPP regarding this issue and discussed the financial impact on the state, emphasizing that reduced state generation combined with an unchanged schedule from the Discoms results in state overdraw ultimately resulting in huge penalty for State in Deviation charges.

#### 5.3. Agenda note put up by KTPS

1. As per your proposal Web traps systems decommissioning activity is still due for our few feeders (Note: - Already OPGW is in service)

#### Deliberation:

The decommissioning process of the remaining wave traps will be performed as per the shutdown schedule which will be received from WBSEDCL.

2. After installation of OPGW system at KTPS END some of your decommissioned old carrier communication panels lying at our control room area. So please take necessary action for removal of those panels from your end.

#### Deliberation:

The forum has requested the preparation of a joint Minutes of Meeting (MoM) involving Communication and O&M Department, WBSETCL and KTPS to address the dismantling of old carrier panels and the coordination for gate pass issuance.

3. One microwave tower installed in our plant area (near ECR building), whose maintenance not done for quite long period, please take necessary action.

#### Deliberation:

The forum has requested the preparation of a joint Minutes of Meeting (MoM) involving Communication and O&M Department, WBSETCL and KTPS to address the dismantling of old carrier panels and the coordination for gate pass issuance. Same procedure may be followed for any dismantling of old equipment and Pannels.

4. Please see the attachment regarding line Shut down of KTPS-Tamluk-2 feeder for CT replacement job from 24.02.2025 to 25.02.2025 on continuous basis.

#### Deliberation:

Representative of SLDC requested to avail the shut down around the month of December and January as it will be difficult to avail shutdown during the month of February and March due to rising pre-summer load scenario and upcoming board Exams.

5. Please see the attachment regarding line Shut down of Auto-3 trf. feeder for NIFPES installation job from 31.01.2025 to 02.02.2025 on continuous basis.

#### Deliberation:

Representative of SLDC stated that this proposal will be taken into consideration as per load pattern in the network during that period.

	SHUTDOWN SCHEDULE FOR 74th state level co-ordination forum (SLCF) meeting						
	From	То	Purpose	Bay Name	Typ e of S/D	Mode of S/D	DURATIO N
220kV & 132kV	31.01.2025	02.02.2025	NIFPES installation	Auto TRF # 3; (220/132/33 KV)	TRF S/D	Continuous Basis	08.HRS on 31.01.2025 TO 16 HRS. on 02.02.2025
	24.02.2025	25.02.2025	CT replacement	132 KV Tamluk#2 Feeder	Line S/D	Continuous Basis	08.HRS on 24.02.2025 TO 16 HRS. on 25.02.2026

#### 5.4. Agenda note put up by WBSEDCL

Observations have been made that SCADA data related to STPS, SGTPP, and BKTPP are frequently becoming erroneous. As the entire commercial operation of WBSEDCL is based on the data available from the SCADA, any error in the data is adversely affecting the financial output of WBSEDCL. In this regard, several requests have been made through email that the matter be taken up by the competent authority at the earliest and necessary resolution be made, so that convenient and error-free commercial operation can be performed at WBSEDCL end.

#### Deliberation:

Representative of WBSETCL communication department deliberated that the communication link is working fine the problem maybe lies at the generating station end.

Representatives of different GENCO's have mentioned that the server system is under maintenance, they have already taken up this issue to their O&M (GE) expecting to be functional after 20<sup>th</sup> January 2025 onwards.

#### 5.5. Agenda note put up by Communication, WBSETCL

1. For reliable data of AMR & RTU, Redundant 48 V dc supply is mandatory. The status of 48 V dc power supply is furnished below:

Sl no	Power station	48 v dc supply-1		48 v dc supply-2	
		charger	Battery	charger	Battery
01	BTPS	ok	ok	ok	Not available
02	STPS	ok	ok	Not available	
03	KTPS	Ok	Ok	Not available	

#### Deliberation:

Representative of KTPS mentioned that the procurement for second source 48v Battery unit is under process and will be installed shortly.

Representative of STPS confirmed about their availability of 48 V dc supply 1 & 2.

Representative of BTPS deliberated that this issue is under discussion at their higher authority level and will revert back.

- 2. 35 nos OLD RTU make M/S ALSTOM(T&D) replacement works have been completed by M/S SYNERGY. So, the following old RTUs under WBSEDCL which should be replaced as soon as possible:
  - i. PPSP
  - ii. TCF1
  - iii. TCF2
  - iv. TCF3
  - v. RAMAM

#### Deliberation:

Representative of Communication department, WBSETCL stated that the matter may be taken up with CPD, WBSTCL for latest status in this regard.

Representative of SLDC suggested that if required, a separate meeting with CPD, WBSETCL, Communication Department, WBSETCL along with ALDC, WBSEDCL, and their representative of hydel department may be arranged to expedite the matter.

3. For reliable data of AMR & RTU, Redundant 48 v dc supply is mandatory in the following Generating station. TCF1, TCF2, TCF3

#### Deliberation:

ALDC representative deliberated that an official letter needs to be sent from the CPD, WBSETCL to the hydel department of WBSEDCL for taking necessary action from WBSEDCL end regarding this issue.

- 4. The following RTU data in the SCADA system is either suspected or freeze frequently.
  - a) STPS RTU data reporting problem has started since 07.12.24.
  - b) BKTPS RTU data reporting problem has started since 19.11.24.

#### Deliberation:

Please refer to the deliberation of item no. 5.4.

5. Microwave tower was installed approx. 20 years ago at BTPS and KTPS premises under WBPDCL. At present both microwave towers are in idle condition and without

any maintenance. So WBPDCL authority is requested to treat the microwave tower as ownership of WBSETCL so that we can dismantle and take out the material with a formal letter.

#### Deliberation:

Please refer to the deliberation of item no. 5.3.3

#### 5.6. Agenda note put up by WBSLDC

1. MVAR absorption performance of WBPDCL plants and DPL units are not satisfactory as has been experienced during winter months of 2024-25 year. This year ERLDC also has pointed out this issue as a reason for their declination to issue code for switching off lightly loaded transmission lines.

#### Deliberation:

Representative of SLDC presented the MVAR performance report of the Intra-State Generators. The presentation revealed that the MVAR performance have been below par. He added that specially DPL & SGTPP Stg-II generators have consistently performed dismally.

Representative of SGTPP deliberated that they are facing some issues with the P-Q limiter. They assured that they are trying to set things right as per the instruction given by SLDC and will revert back within 7 days regarding any updates.

DPL deliberated that they have contacted their OEM department to solve this issue. DPL further informed that they had tried to increase their MVAR absorption by changing the tap position of their UAT but could not achieve desired result. DPL once again assured better MVAR performance at the end of this year.

Representative of WBPDCL stated that they have consulted with their respective OEM to find out the root cause of reactive power capability assessment.

Representative of SLDC asked for a written format regarding the progress of the reactive power capability assessment of WBPDCL.

2. Status of 2nd 315 MVA ICT of SGTPP. In continuation to SLDC's earlier apprehension, there may be congestion across ICT 1 at SGTPP, if 5 th unit of SGTPP comes ahead of the 2nd ICT.

#### Deliberation:

Representative of SGTPP deliberated that the inspection of 2<sup>nd</sup> ICT will be done in the month of June 2025 and will be commissioned around the month of October 2025.

He also added that the Test synchronization of 660 MW #5 will be done around 31st march but no fixed time has been mentioned about steady generation.

Representative of SLDC deliberated that in continuation of SLDC's earlier apprehension, there is a risk of congestion across the 315 MVA ICT 1 at SGTPP if the 5th unit is brought in

system before the 2nd ICT. This could lead to potential overload issues and instability in the system. SGTPP is expected to submit a detailed mitigation plan to address this concern before synchronization of new 660MW.

3. Updated status of SAMAST Project.

#### Deliberation:

Chief Engineer, SLDC announced about the full completion and go live event of the SAMAST project from 5<sup>th</sup> December,2024.

She again thanked all Intra-State stakeholders for their whole-hearted support during the execution and transition phase.

- 4. Solar PV plants synchronised with WB STU:
  - a) Newly 125 MW Solar PV plant has been commissioned and connected to 132KV Goaltore S/S.
  - b) Around 35 MW PV Solar Plant will be connected with SGTPP 220 KV bus.

For proper power flow and transient studies, these grid-connected renewable plants are needed to be modeled in PSSE software. Therefore, the actual plant parameters/data sheets for both steady state & transients are required at SLDC end. ERLDC is also pressing hard for these data sets.

#### Deliberation:

Representative of ALDC, WBSEDCL corrected that the capacity of the Solar PV plant is 112.5 MW.

Representative of SLDC asked all the units that are generating Solar Power to provide data for modelling those plants in PSSE software.

Forum has decided to send a format to all Solar PV generators asking all necessary data.

Representative of ALDC, WBSEDL suggested to organise a joint visit to Goaltore involving ALDC, WBSEDCL, SLDC, Communication Department, WBSETCL and CTD, WBSETCL to gather detailed information.

ITEM No: 6. Date and venue of next SLCF (i.e.75th) Meeting.

#### Deliberation:

To be announced later.

**ITEM No: 7. MISCELLANEOUS:** 

Agenda: CESC islanding on 15.12.2025 and 30.12.2025 due to Titagarh bus fault.

#### Deliberation:

Representation of SLDC asked to extract data from the PMU installed at Titagardh and analysis the data for further investigation.

**Chief Engineer/SLDC/WBSETCL** 

### Memo No. SLDC/ How/ 109/ 2024-25/ 1025 (1-26)

Copy for information please:-

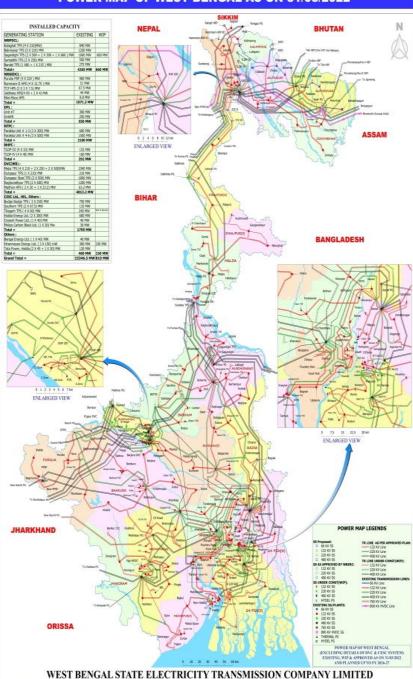
- 1. The Secretary, WBERC, FD-415A, Plot No: AH/5 (2nd & 4th Floor), Premises No: MAR 16-1111, Action Area 1A, Newtown, Rajarhat, 700163.
- 2. C.E, SLDC, WBSETCL, Howrah-09.
- 3. C.E, Transmission-I, WBSETCL, Vidyut Bhavan, Kol-91.
- 4. C.E, Transmission-II, WBSETCL, Vidyut Bhavan, Kol-91.
- 5. C.E, CTD, WBSETCL, Abhiksan Bhavan, Kol-91.
- 6. C.E, Communication, WBSETCL, Abhiksan Bhavan, Kol-91.
- 7. C.E,(PTP) WBSEDCL, Vidyut Bhavan, Kolkata-91.
- 8. G.M,(OS) WBPDCL, Vidyut Unnayan Bhawan, 3C, LA Block, Sector 3, Bidhannagar, Kol-98.
- 9. G.M. (SO) CESC Ltd., Statesman House, Kol- 01.
- 10. G.M. BTPS, WBPDCL.
- 11. G.M. STPS, WBPDCL.
- 12. G.M. KTPP, WBPDCL.
- 13. G.M. BKTPP, WBPDCL.
- 14. G.M. SGTPP, WBPDCL.
- 15. G.M. Durgapur Projects Limited(DPL).
- 16. Whole time Director, India Power Corporation Limited.
- 17. Addl. Chief Engineer, SLDC, WBSETCL, Howrah-09.
- 18. Addl. Chief Engineer, Communication (Howrah), WBSETCL, Howrah-09.
- 19. Addl. Chief Engineer, ALDC, WBSEDCL.
- 20. D.G.M, System Control Department, CESC Ltd, CESC House, Kol- 01.
- 21. D.G.M(O), Durgapur Projects Limited(DPL)., DPL.
- 22. PS to Managing Director, WBSETCL, Vidyut Bhavan, Kolkata-91.
- 23. PS to Managing Director, DPL, Kolkata -107.
- 24. PS to Director (Operations), WBSETCL, Vidyut Bhavan, Kolkata-91.
- 25. PS to Director (RT), WBSEDCL, Vidyut Bhavan, Kolkata-91.
- 26. PS to Executive Director (OS), WBPDCL, Salt Lake City, Kolkata-700 098.

Dated: 24/02/2025

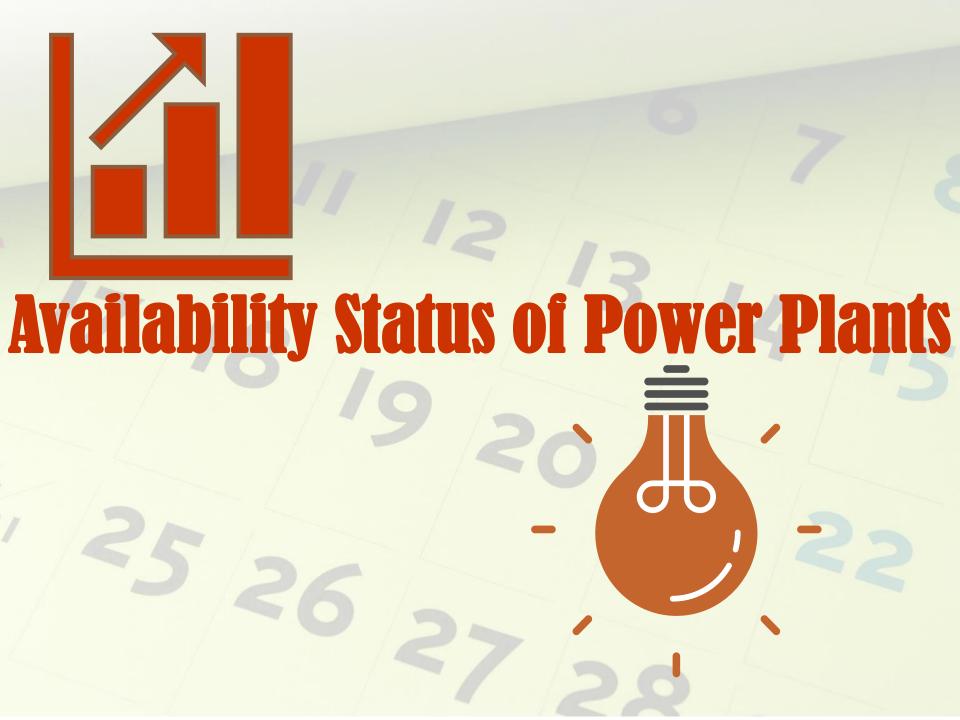


Venue: SLDC Date: 13.01.2025

#### **POWER MAP OF WEST BENGAL AS ON 31/03/2022**

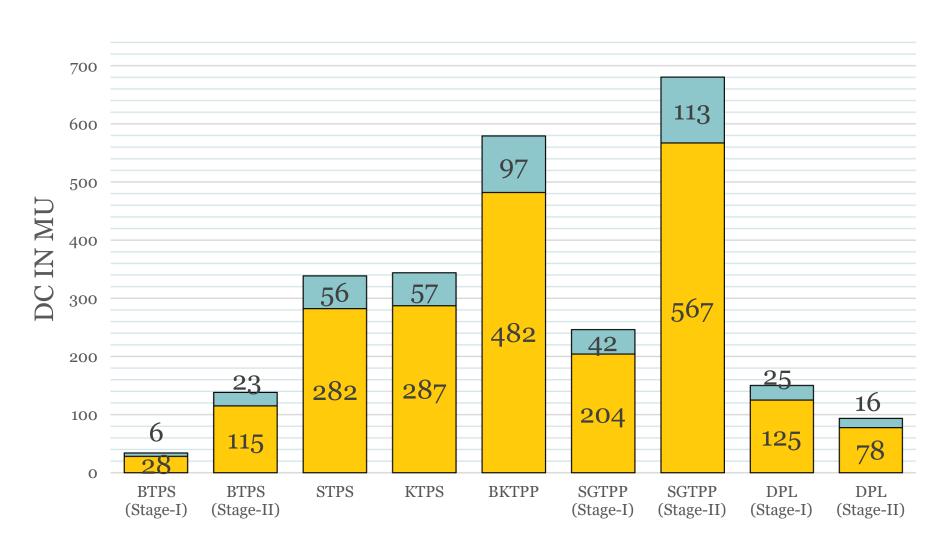


STATE GRID PERFORMANCE REPORT (BASED ON DRERATION Presented State Load Despatch Centre, WBSETCL, Howrah.

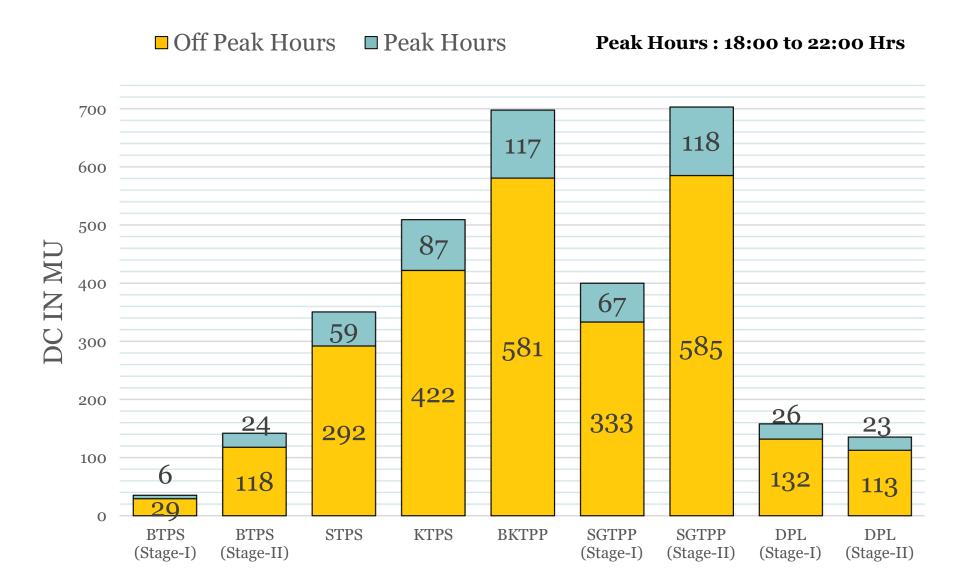


## DECLARED CAPACITY in MU OF WBPDCL POWER PLANTS FOR THE MONTH OF SEPTEMBER-24 IN PEAK & OFF PEAK HOURS

□ Off Peak Hours □ Peak Hours Peak Hours: 20:00 to 24:00 Hrs

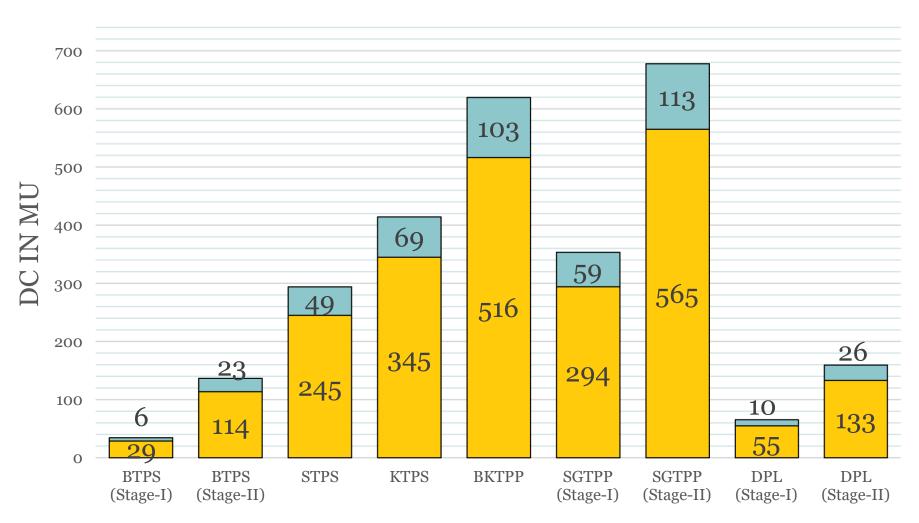


## DECLARED CAPACITY in MU OF WBPDCL POWER PLANTS FOR THE MONTH OF OCTOBER-24 IN PEAK & OFF PEAK HOURS

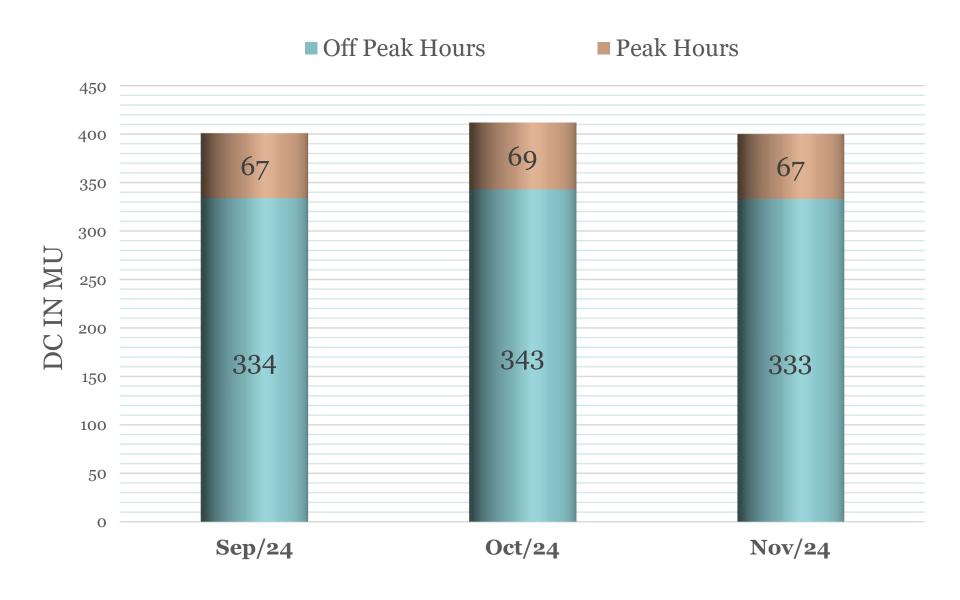


## DECLARED CAPACITY in MU OF WBPDCL POWER PLANTS FOR THE MONTH OF NOVEMBER-24 IN PEAK & OFF PEAK HOURS

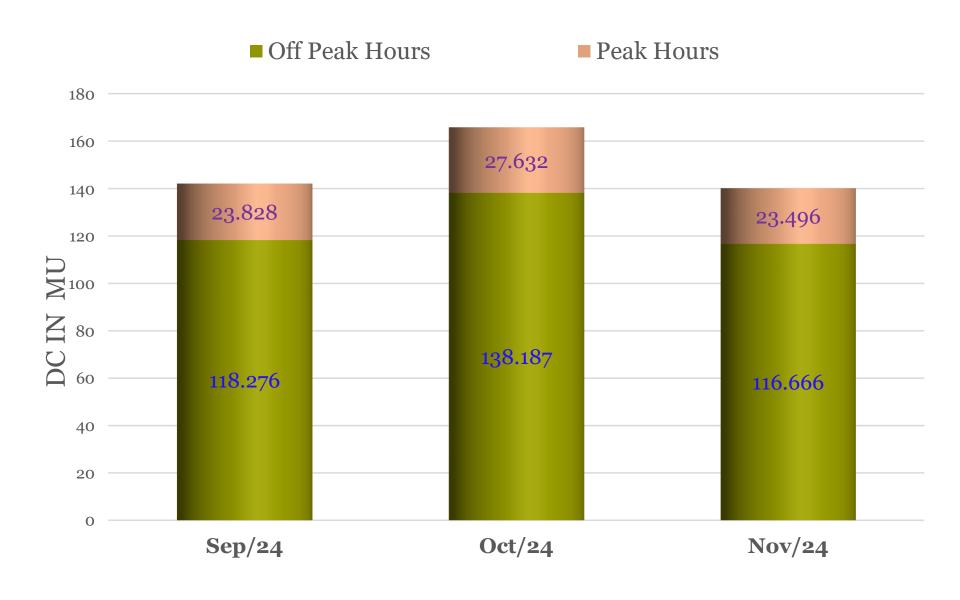




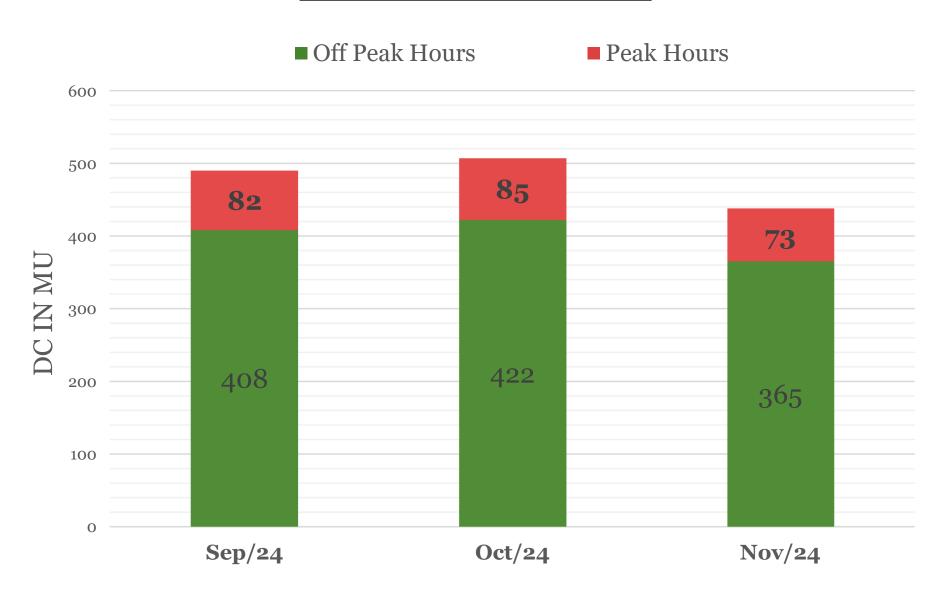
## DECLARED CAPACITY OF HEL POWER PLANT FOR THE MONTH OF SEPTEMBER, OCTOBER & NOVEMBER-24 IN PEAK & OFF PEAK HOURS



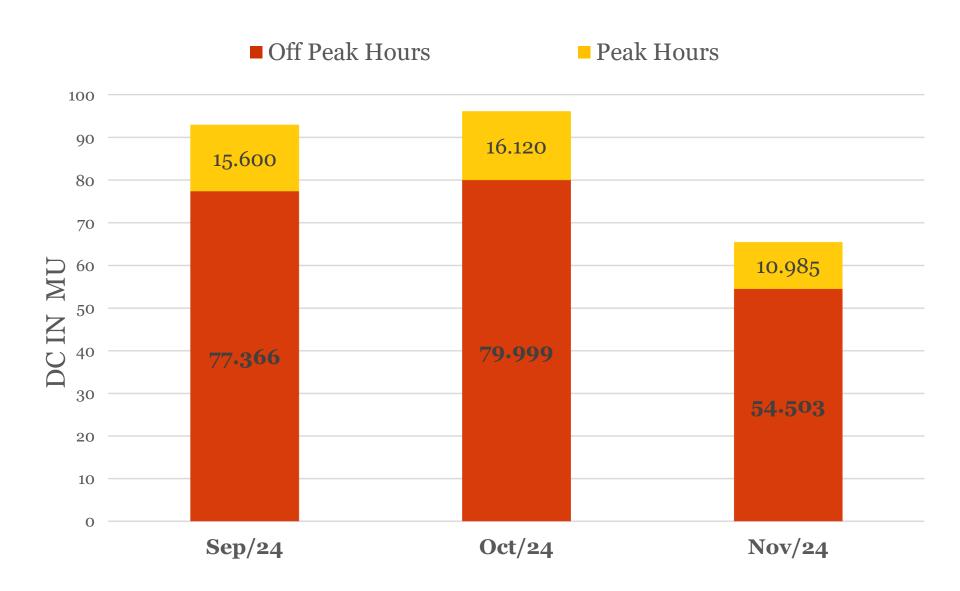
## DECLARED CAPACITY OF HITEL POWER PLANT FOR THE MONTH OF SEPTEMBER, OCTOBER & NOVEMBER-24 IN PEAK & OFF PEAK HOURS



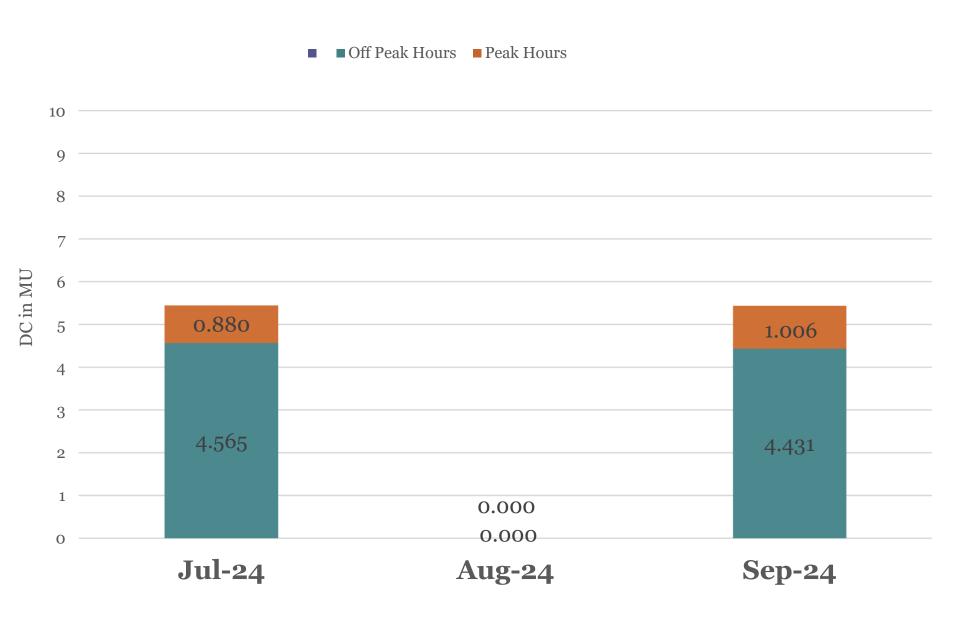
### DECLARED CAPACITY OF BUDGE-BUDGE (CESC) POWER PLANT FOR THE MONTH OF SEPTEMBER, OCTOBER & NOVEMBER-24 IN PEAK & OFF PEAK HOURS



### DECLARED CAPACITY OF SOUTHERN (CESC) POWER PLANT FOR THE MONTH OF SEPTEMBER, OCTOBER & NOVEMBER-24 IN PEAK & OFF PEAK HOURS

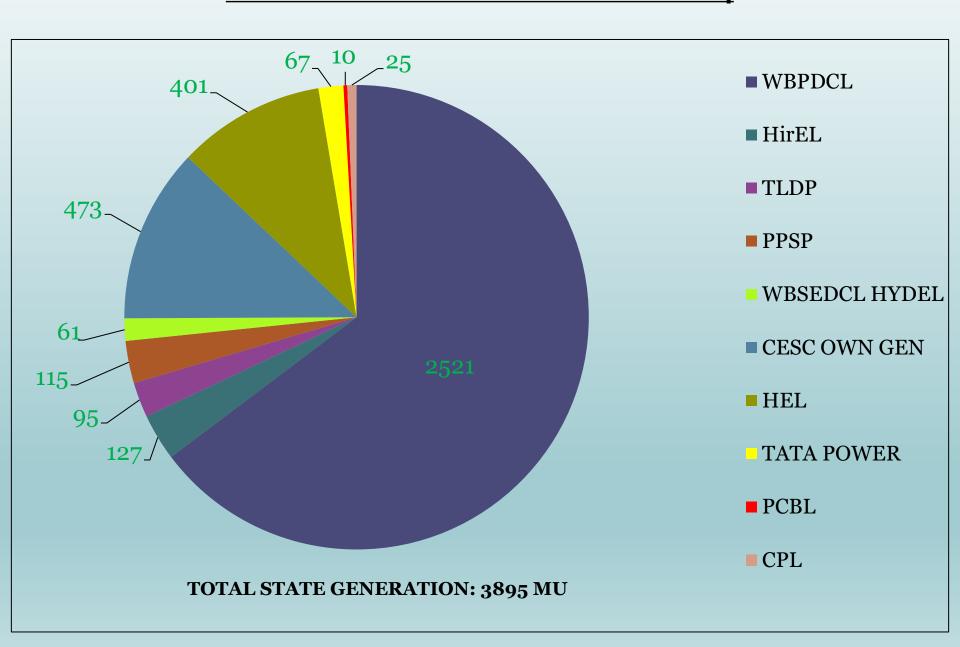


## DECLARED CAPACITY OF DPSC POWER PLANT FOR THE MONTH OF JULY-24, AUGUST-24 and SEPTEMBER-24 IN PEAK & OFF PEAK HOURS

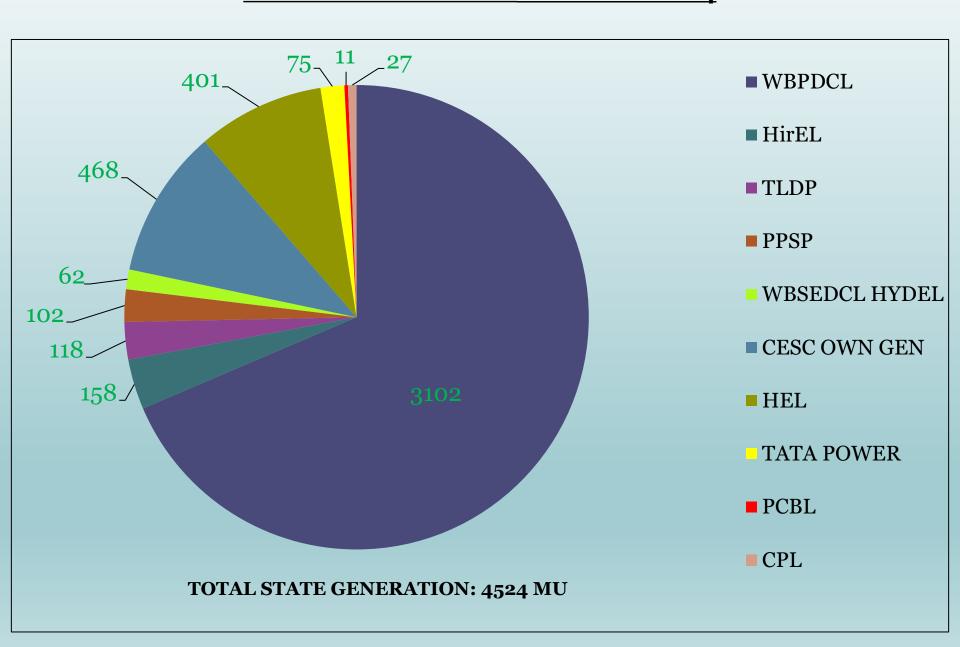




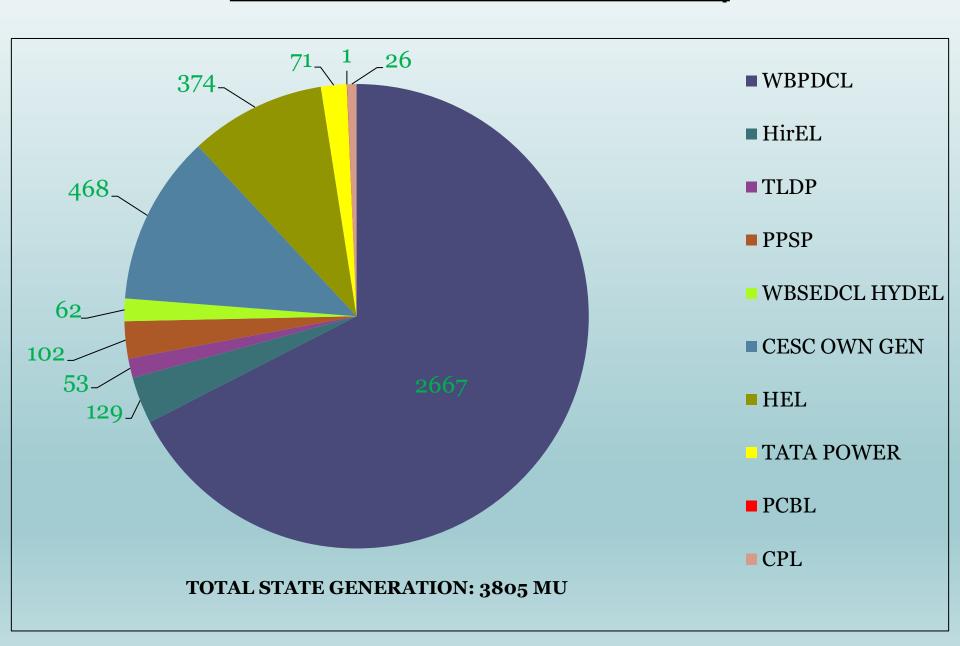
### STATE GENERATION (EMBEDDED+ABT) (SENT OUT) IN MU FOR THE MONTH OF SEPTEMBER-2024



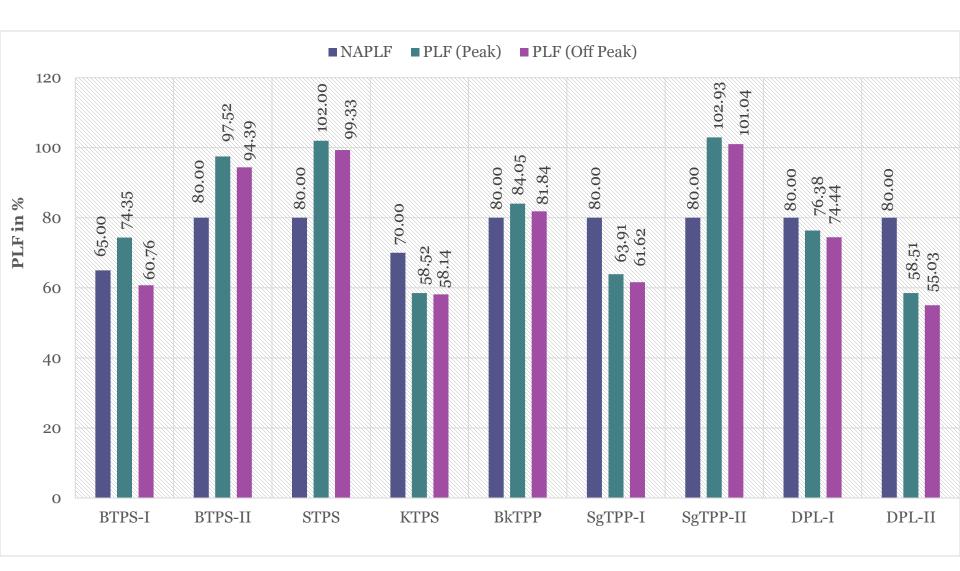
### STATE GENERATION (EMBEDDED+ABT) (SENT OUT) IN MU FOR THE MONTH OF OCTOBER-2024



### STATE GENERATION (EMBEDDED+ABT) (SENT OUT) IN MU FOR THE MONTH OF NOVEMBER-2024



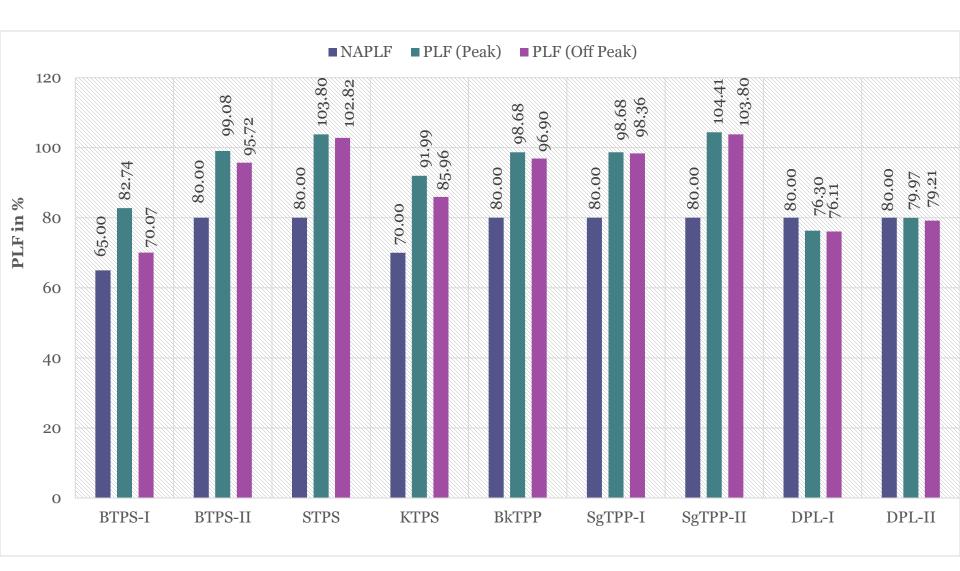
### ACHIEVED PLF OF WBPDCL POWER PLANTS in COMAPRISON with NAPLF FOR THE MONTH OF SEPTEMBER-24 IN PEAK & OFF PEAK HOURS



**NAPLF: Normative Annual Plant Load Factor (in %)** 

PLF : Achieved Plant Load Factor during the Month (in %)

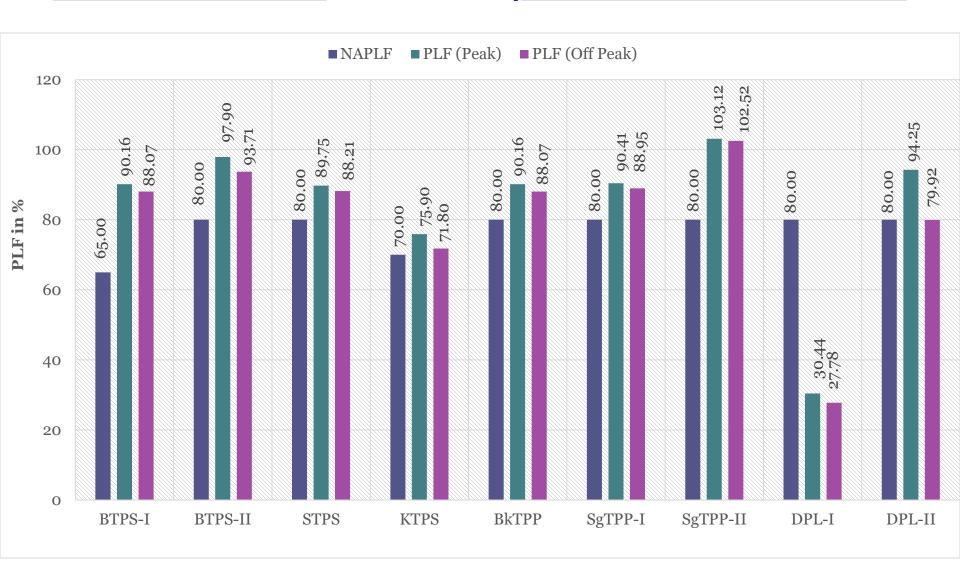
## ACHIEVED PLF OF WBPDCL POWER PLANTS in COMAPRISON with NAPLF FOR THE MONTH OF OCTOBER-24 IN PEAK & OFF PEAK HOURS



**NAPLF: Normative Annual Plant Load Factor (in %)** 

PLF : Achieved Plant Load Factor during the Month (in %)

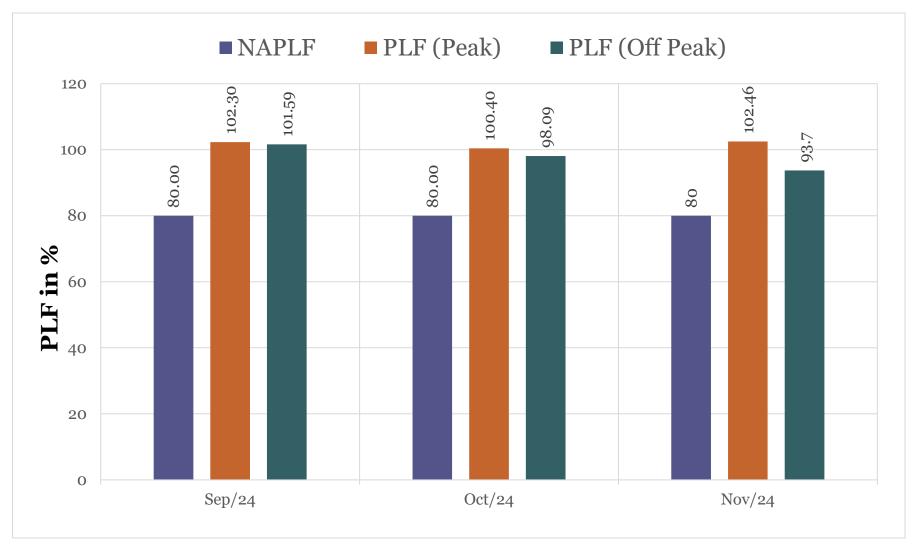
## ACHIEVED PLF OF WBPDCL POWER PLANTS in COMAPRISON with NAPLF FOR THE MONTH OF NOVEMBER-24 IN PEAK & OFF PEAK HOURS



**NAPLF: Normative Annual Plant Load Factor (in %)** 

PLF: Achieved Plant Load Factor during the Month (in %)

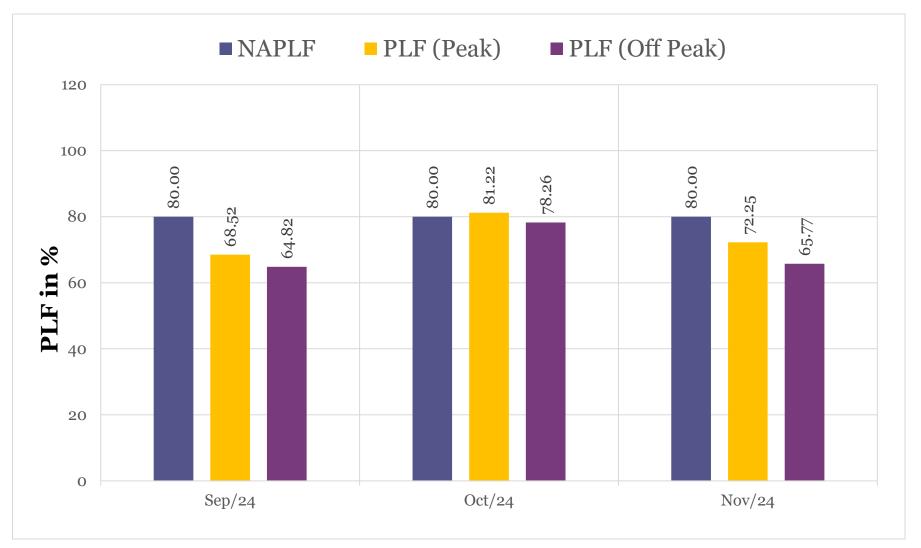
## ACHIEVED PLF OF HEL POWER PLANT FOR THE MONTH OF SEPTEMBER, OCTOBER and NOVEMBER-24 IN PEAK & OFF PEAK HOURS



**NAPLF: Normative Annual Plant Load Factor (in %)** 

PLF: Achieved Plant Load Factor during the Month(in %)

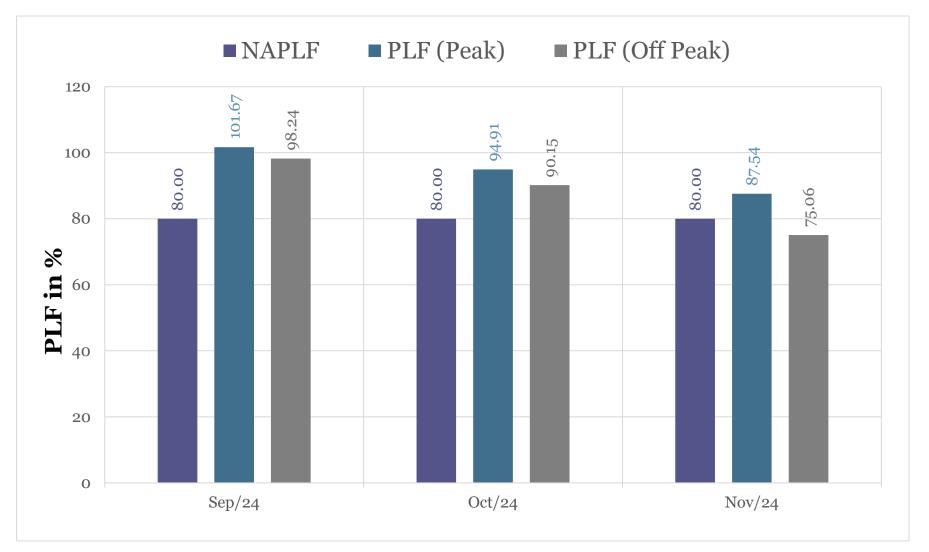
## ACHIEVED PLF OF HirEL POWER PLANT FOR THE MONTH OF SEPTEMBER, OCTOBER and NOVEMBER-24 IN PEAK & OFF PEAK HOURS



**NAPLF: Normative Annual Plant Load Factor (in %)** 

PLF : Achieved Plant Load Factor during the Month(in %)

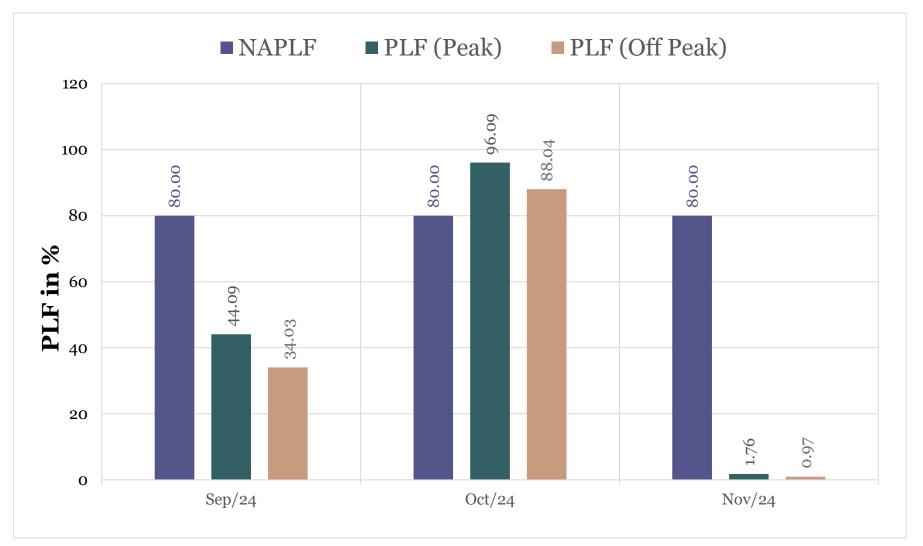
## ACHIEVED PLF OF BUDGE-BUDGE POWER PLANT FOR THE MONTH OF SEPTEMBER, OCTOBER and NOVEMBER-24 IN PEAK & OFF PEAK HOURS



**NAPLF: Normative Annual Plant Load Factor (in %)** 

PLF: Achieved Plant Load Factor during the Month(in %)

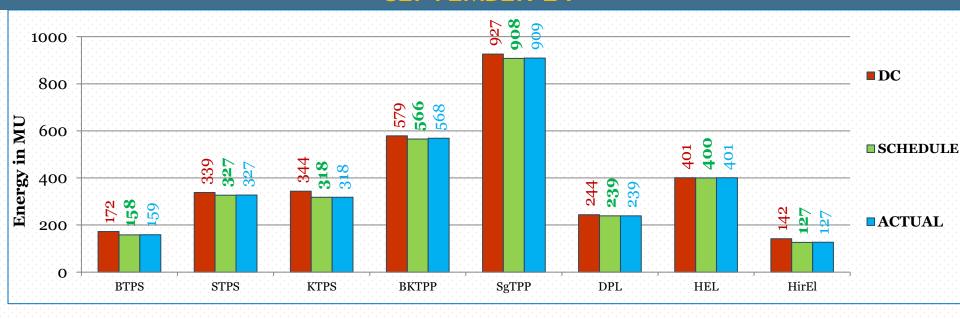
## ACHIEVED PLF OF SOUTHERN POWER PLANT FOR THE MONTH OF SEPTEMBER, OCTOBER and NOVEMBER-24 IN PEAK & OFF PEAK HOURS



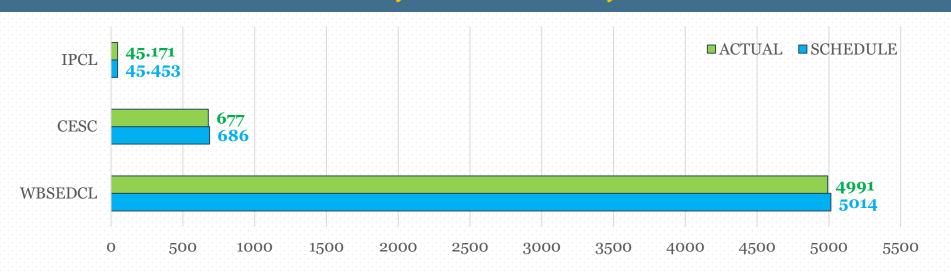
**NAPLF: Normative Annual Plant Load Factor (in %)** 

PLF: Achieved Plant Load Factor during the Month(in %)

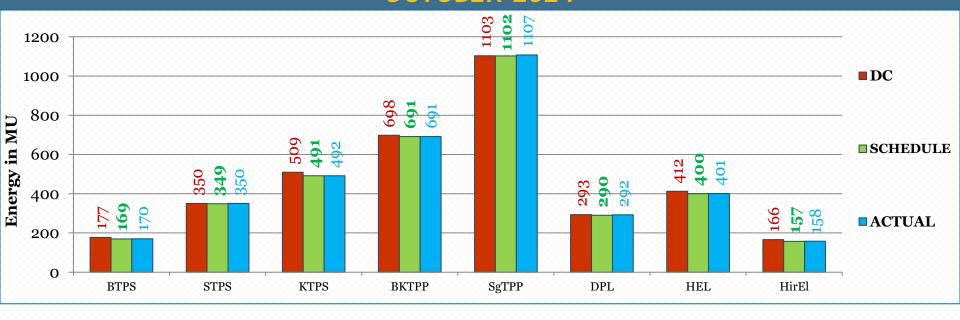
# DC, SCHEDULE and ACTUAL of Generating Stations in MU for SEPTEMBER-24



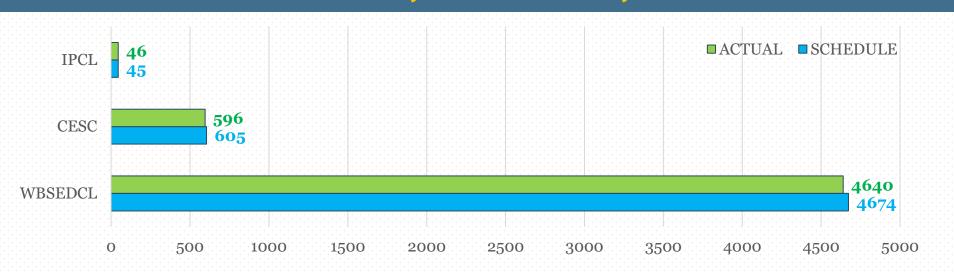
### SCHEDULE and ACTUAL of DISCOMs in MU for SEPTEMBER-2024



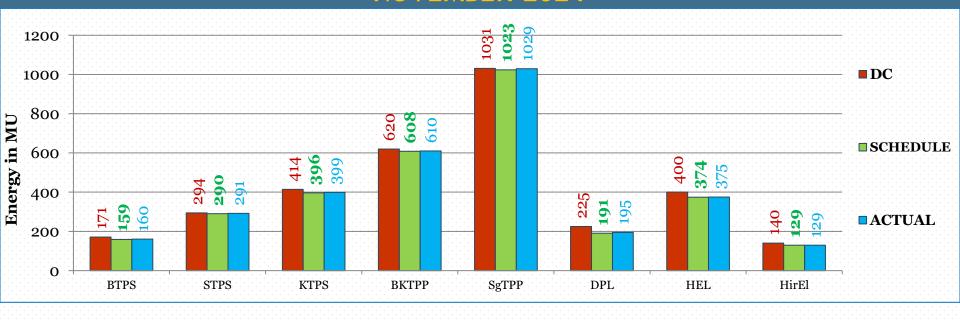
# DC, SCHEDULE and ACTUAL of Generating Stations in MU for OCTOBER-2024



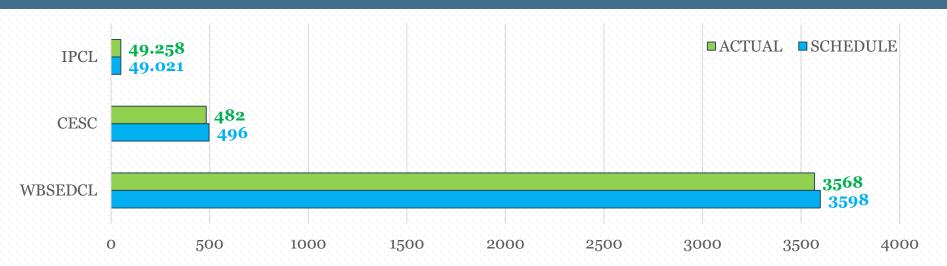
### SCHEDULE and ACTUAL of DISCOMs in MU for OCTOBER-2024



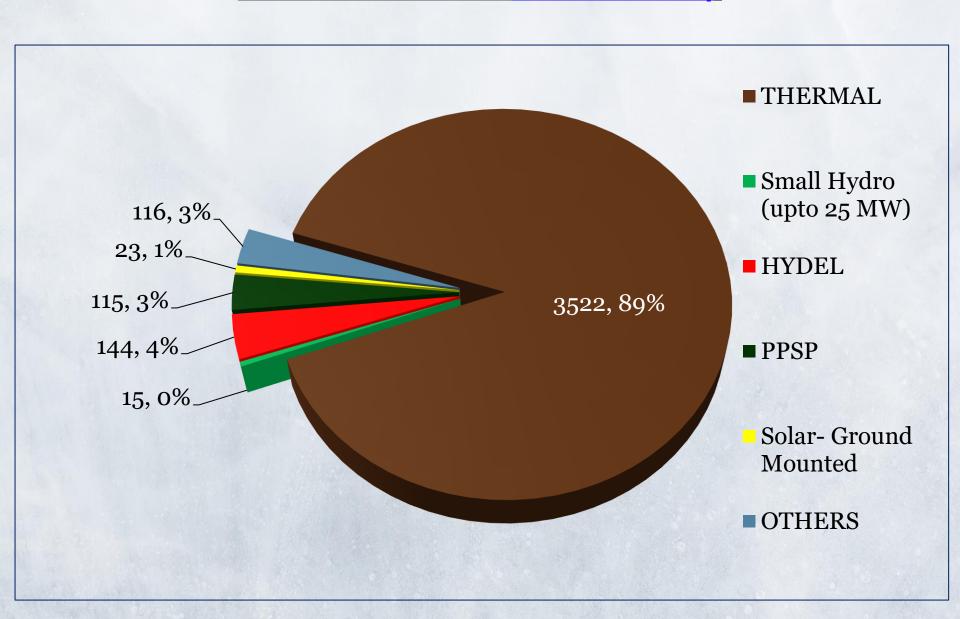
# DC, SCHEDULE and ACTUAL of Generating Stations in MU for NOVEMBER-2024



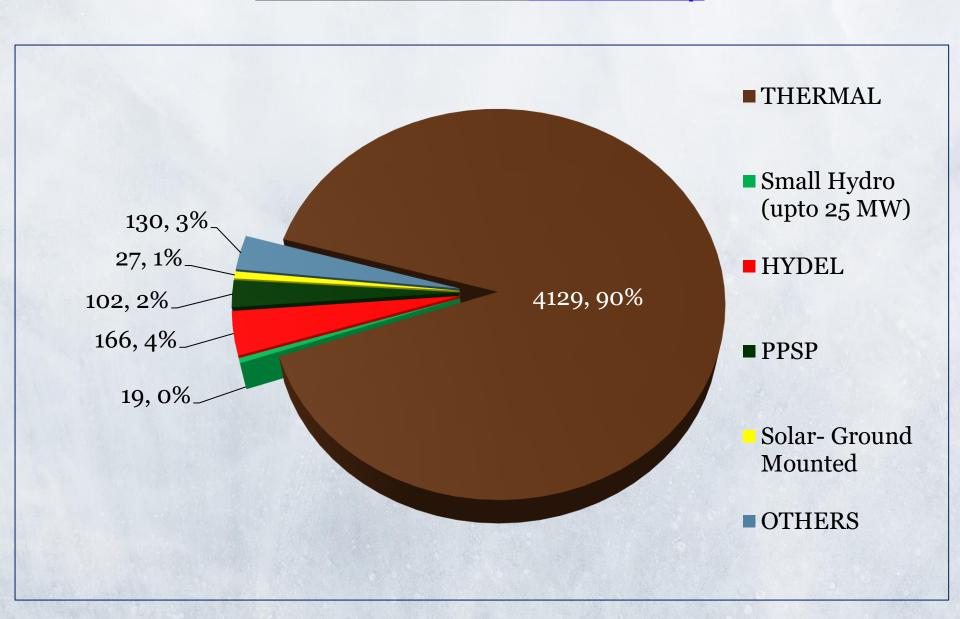
### SCHEDULE and ACTUAL of DISCOMs in MU for NOVEMBER-2024



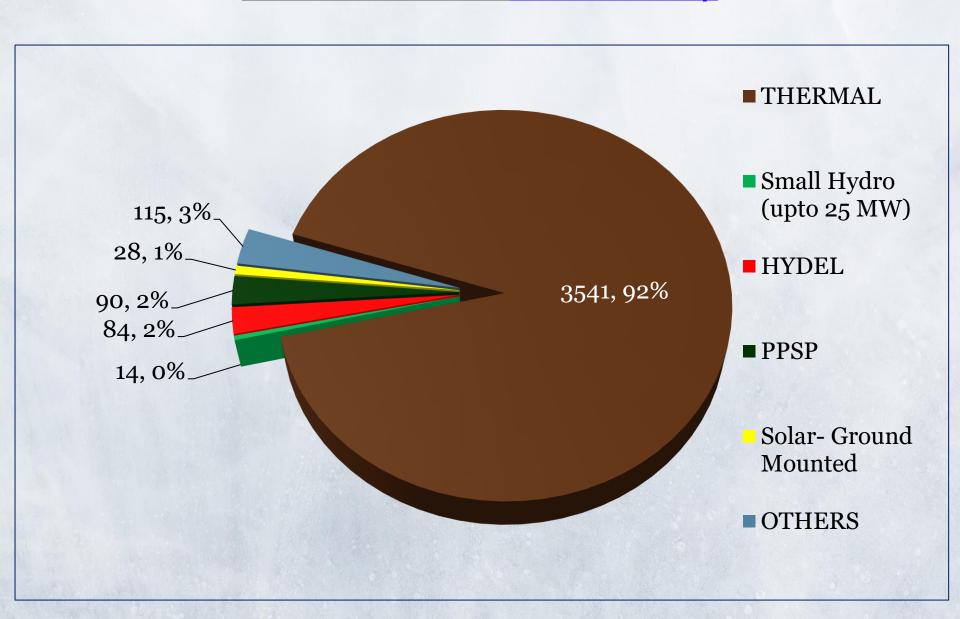
#### STATE GENERATION (SENT OUT) IN MU FOR THE MONTH OF SEPTEMBER-24.



### STATE GENERATION (SENT OUT) IN MU FOR THE MONTH OF OCTOBER-24.

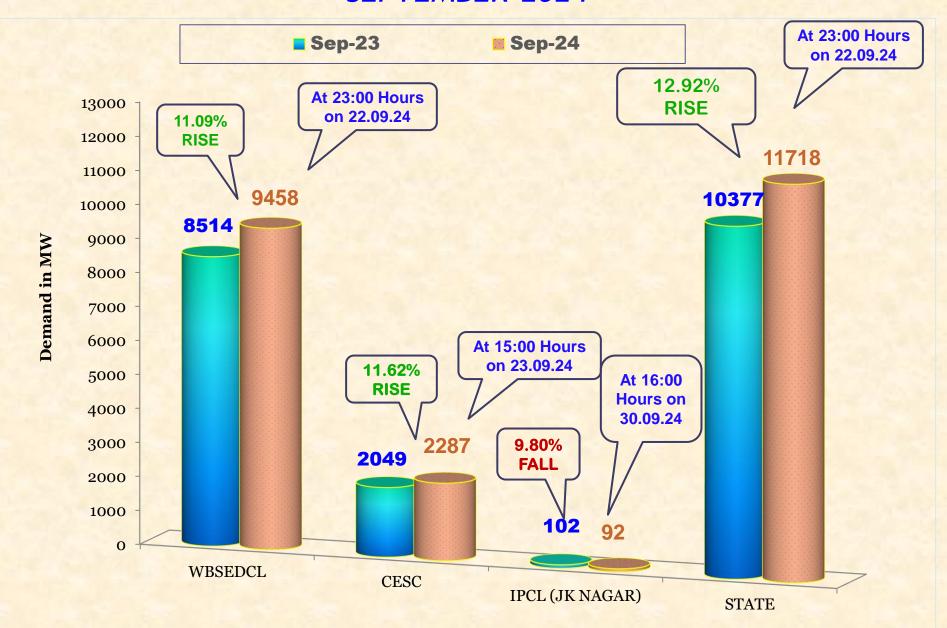


#### STATE GENERATION (SENT OUT) IN MU FOR THE MONTH OF NOVEMBER-24.

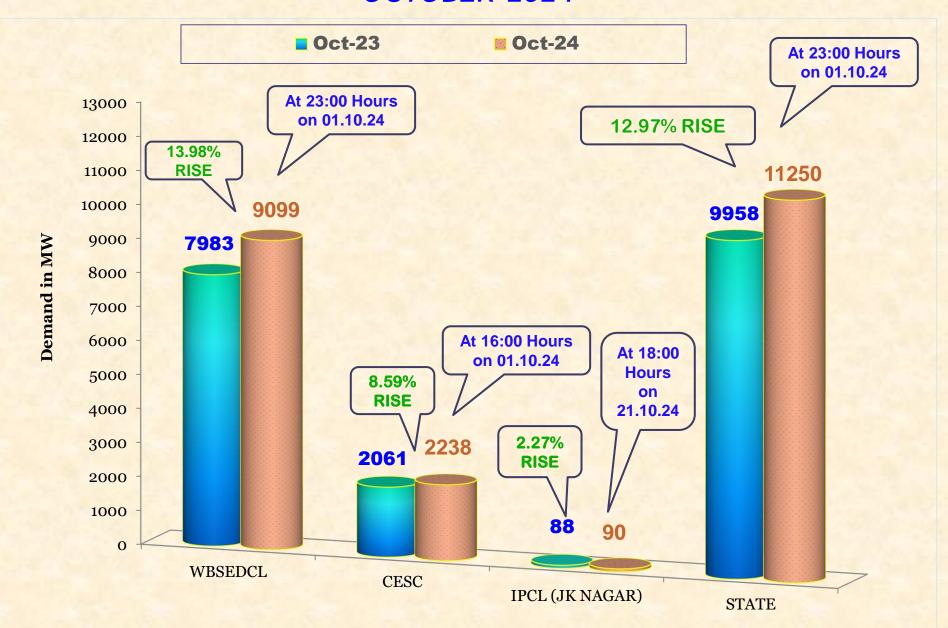




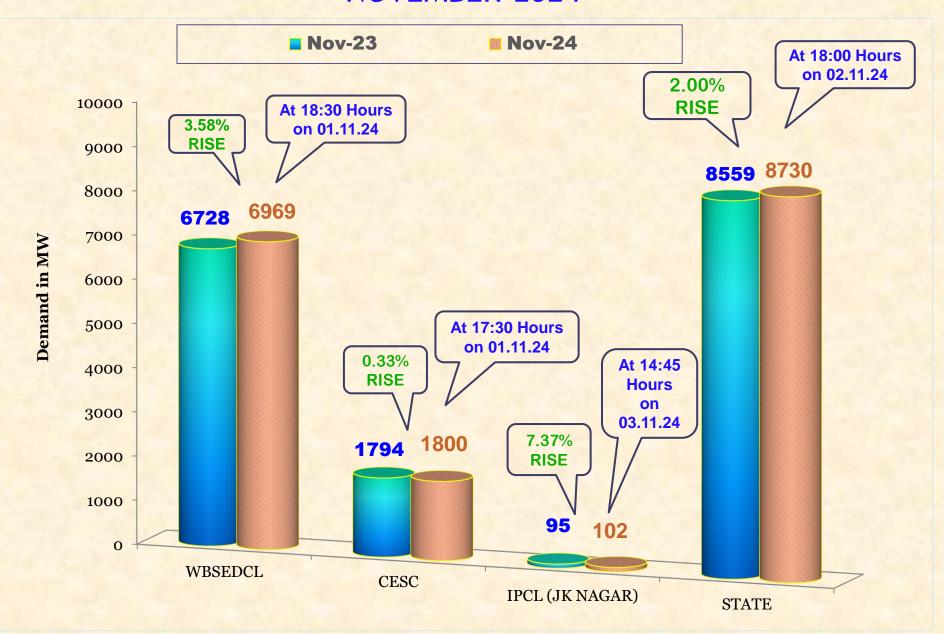
### MONTH-WISE MAXIMUM DEMAND (POTENTIAL) in MW during SEPTEMBER-2024



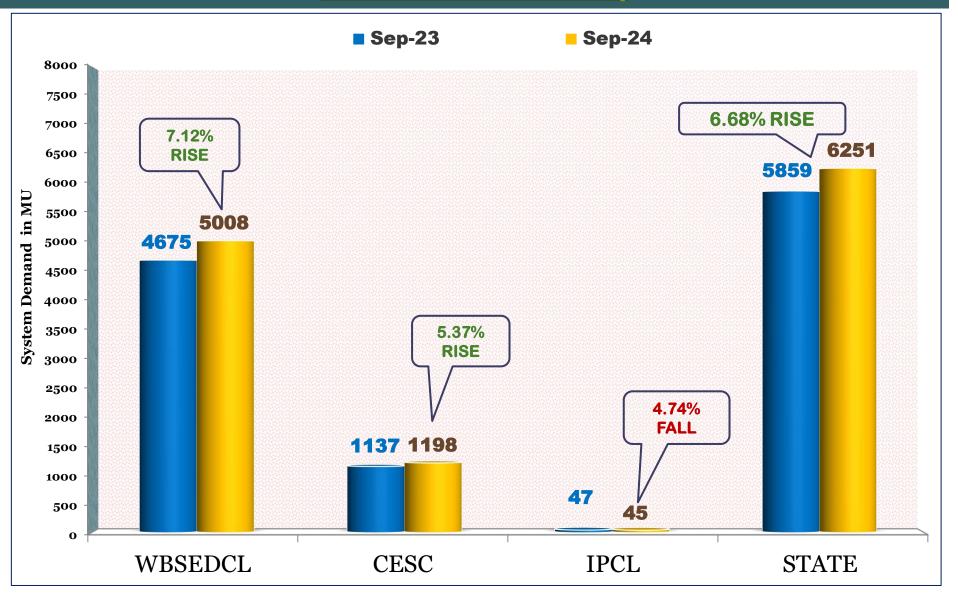
# MONTH-WISE MAXIMUM DEMAND (POTENTIAL) in MW during OCTOBER-2024



## MONTH-WISE MAXIMUM DEMAND (POTENTIAL) in MW during NOVEMBER-2024

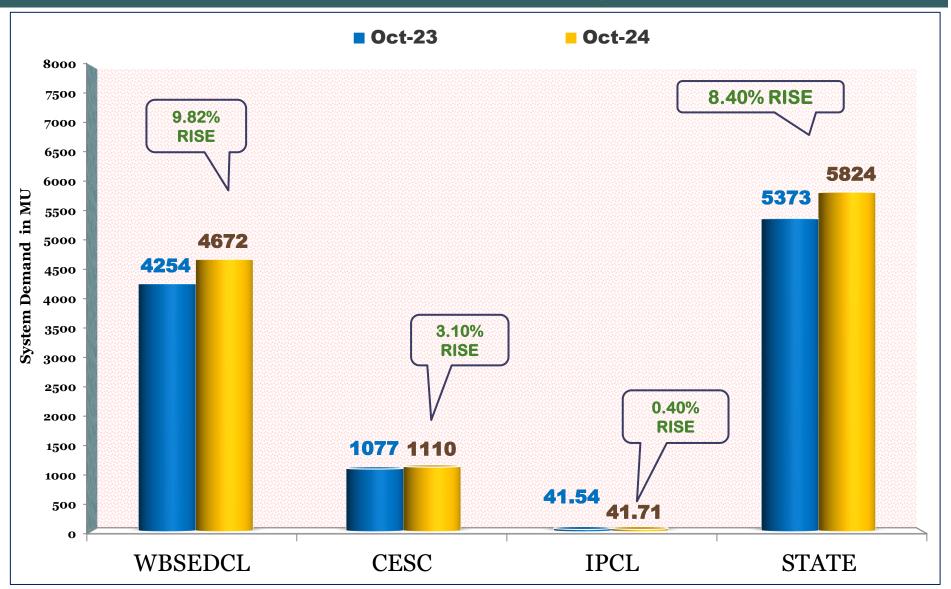


## SYSTEM DEMAND POTENTIAL (in MU) IN SEPTEMBER-2024



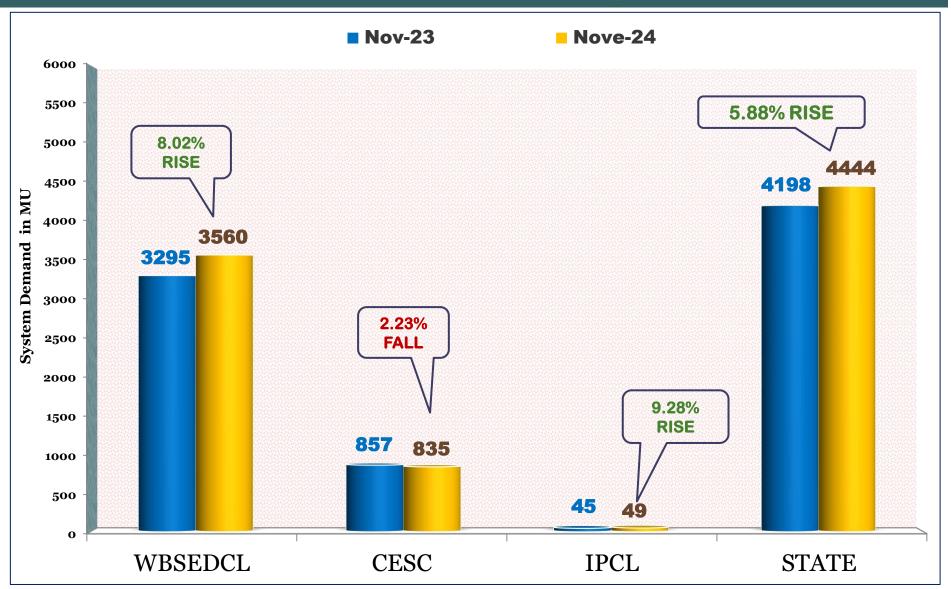
<sup>\*\*</sup> STATE DEMAND EXCLUDING DVC SERVED AREA

## SYSTEM DEMAND POTENTIAL (in MU) IN OCTOBER-2024



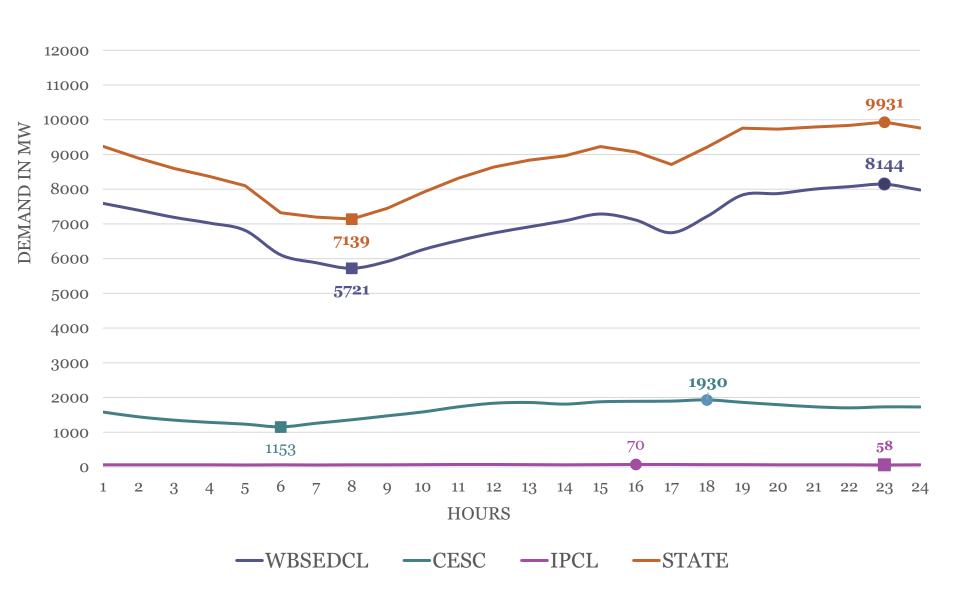
<sup>\*\*</sup> STATE DEMAND EXCLUDING DVC SERVED AREA

## SYSTEM DEMAND POTENTIAL (in MU) IN NOVEMBER-2024

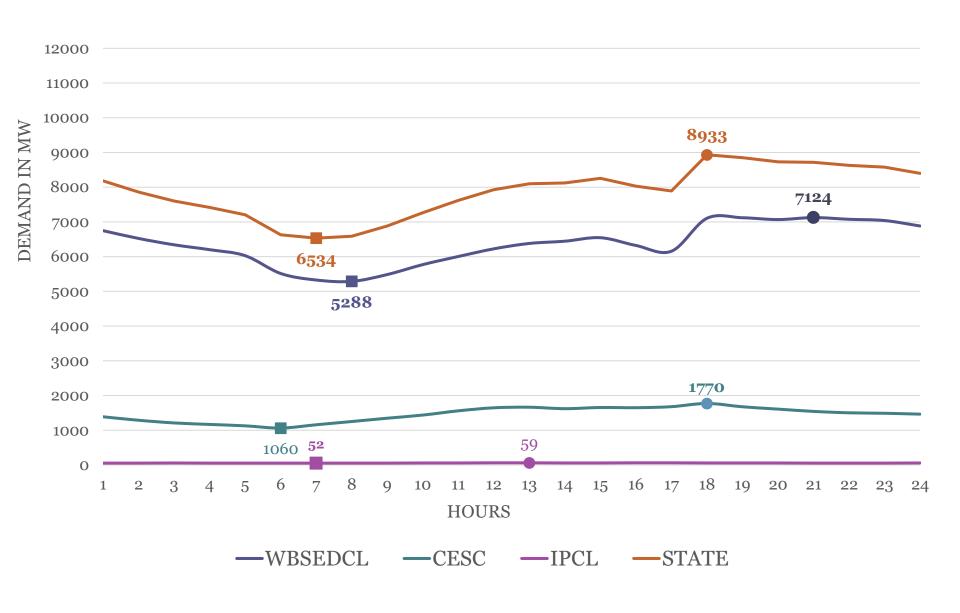


<sup>\*\*</sup> STATE DEMAND EXCLUDING DVC SERVED AREA

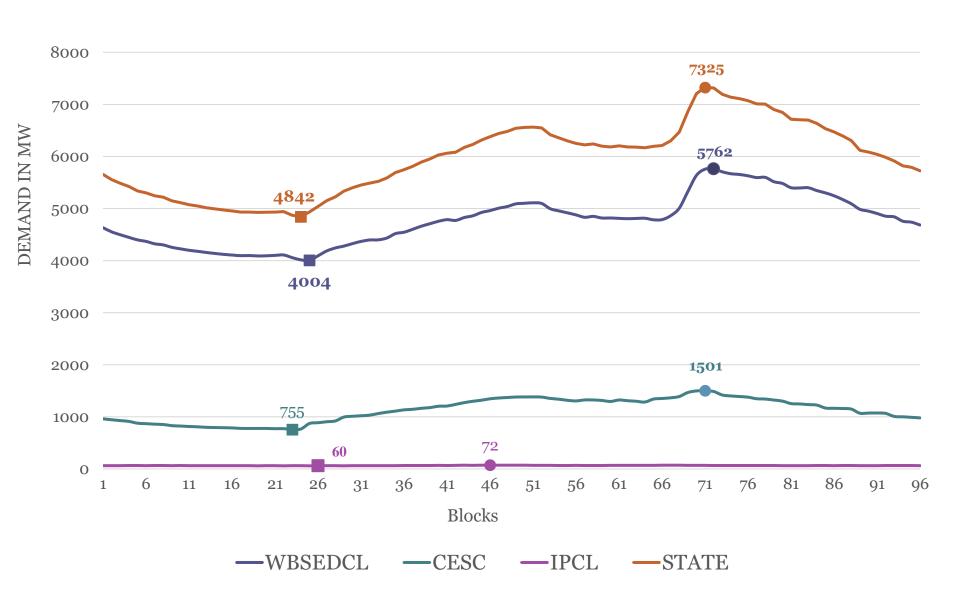
### **HOURLY LOAD PATTERN(Avg.) OF FOR THE MONTH OF September-2024 (Weekdays).**



### HOURLY LOAD PATTERN(Avg.) OF FOR THE MONTH OF October-2024 (Weekdays).



### BLOCKWISE LOAD PATTERN(Avg.) OF FOR THE MONTH OF NOVEMBER-2024 (Weekdays).



### Constituent wise energy injected into WBSETCL system (in MU)

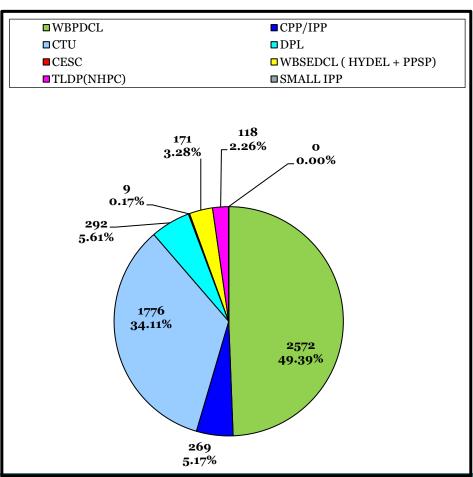
### September-24

#### ■ WBPDCL ■ CPP/IPP DPL ■ CTU □ WBSEDCL (HYDEL + PPSP) ■ CESC ■TLDP(NHPC) **■** SMALL IPP 183 1.71% 3.30% 0.00% 14 0.26% 239 4.30% 2231 40.15%

2566

46.18%

#### October-24



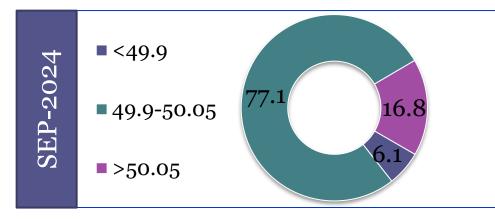
 Total Energy injection into WBSETCL = 5555.993 MU.

228 4.10%

> Total Energy injection into WBSETCL = 5206.981 MU.

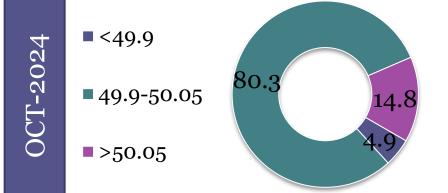


## GRID FREQUENCY in % IN SEPTEMBER-24, OCTOBER-24 AND NOVEMBER-24



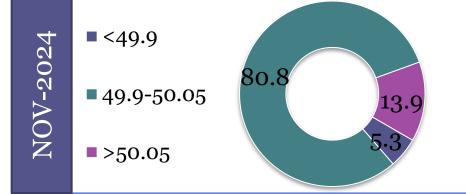
MAXIMUM FREQUENCY 50.380 Hz. ON 14.09.2024 AT 13:11 HRS.

MINIMUM FREQUENCY 49.460 Hz. ON 18.09.2024 AT 18:25 HRS.



MAXIMUM FREQUENCY 50.390 Hz. ON 25.10.2024 AT 13:03 HRS.

MINIMUM FREQUENCY 49.580 Hz. ON 16.10.2024 AT 17:58 HRS.



MAXIMUM FREQUENCY 50,320 Hz. ON 02,11,2024 AT 11:04 HRS.

MINIMUM FREQUENCY 49.550 Hz. ON 27.11.2024 AT 07:18 HRS.

