MINUTES OF THE 75th SLCF MEETING

WBSETCL

DATE: - 29.04.2025

VENUE: - SLDC, WBSETCL

INDEX

MINUTES OF THE 75th SLCF MEETING HELD ON 29.04.2025

Smt. R. Chakraborty, Chief Engineer (SLDC), WBSETCL & Chairman, SLCF welcomed all the participant members to the **75th** SLCF meeting at the SLDC conference room.

ITEM NO: 1 CONFIRMATION OF THE MINUTES OF 74TH SLCF MEETING HELD ON 13.01.2025.

The minutes were circulated vide memo no: **SLDC/How/109/2024-25/1025 (1-26)** dated 24/02/2025.

Deliberation:

The forum **confirmed and accepted** the **minutes of the 74th SLCF meeting** as circulated.

ITEM NO: 2. REVIEW OF STATE GRID PERFORMANCE:

Superintending Engineer, SLDC delivered a PowerPoint presentation on the grid performance based on operational statistics for the period of **January – 25, February – 25 and March – 25.**

A critical analysis on the month of **January – 25, February – 25 and March – 25** grid performance reveals the following:

Declared month wise Peak hours in the following table:

Month	Peak Period (Hours)
January – 2025	17:00 – 21:00
February – 2025	17:00 – 21:00
March – 2025	18:00 – 22:00

Table 1: Declared month wise Peak hour

The **detailed month-wise performance report** and graphical analysis are attached as **ANNEXURE – I** to these minutes for reference.

ITEM No: 3. IMPORTANT GRID DISTURBANCE:

EVENT 1:

- ➔ **Date & Time:** 11.02.2025 at 16:58 hrs.
- ➔ **Location:** AB Zone 220 kV Substation
- ➔ **Event Summary:**
  At 16:58 hrs. on 11th February 2025, the following elements at **AB Zone 220 kV** substation tripped simultaneously:
  - ❖ **220 kV AB Zone–DPL #2 line**
  - ❖ **160 MVA Transformer #2**
  - ❖ **220 kV Bus Coupler (B/C)**
- ➔ **Immediate Impact:**
  This tripping caused a heavy load condition on the 132 kV DPL–AB Zone single circuit (s/c), raising network reliability concerns.
- ➔ **Relay Indications:**
- ❖ **220 kV AB Zone–DPL #2 Line:**
  - ○ **AB Zone End: RZ3, RZ5, Bus Zone Operated**
  - ○ **DPL End: RZ3, RZ5, Bus Zone Operated**
- ❖ **160 MVA Transformer #2:**
  - ○ **HV Side: RZ3, RZ5, Bus Zone Operated**

Deliberation:

- The **representative of Tr. (O&M)** informed that **Bus Zone-2 protection** operated initially, resulting in the **tripping of 220 kV DPL Line-2, 160 MVA Transformer #2**, and the **Bus Coupler**.
- A **spurious tripping of Bus Zone-1** was also observed, causing another **160 MVA transformer** to trip during the event.
- The issue has been **communicated to the OEM** for necessary corrective actions.
- The **Standard Operating Procedure (SOP)** was **duly followed** during all switching operations.
- **ACE – I, SLDC** mentioned the **vulnerability of the highly loaded 132 kV DPL – AB Zone** circuit in case of tripping of the 160 MVA transformer at AB Zone substation.

EVENT 2:

- ➔ **Date & Time:** 02.04.2025, 11:25 hrs.
- ➔ **Location:** SATGCAHIYA 220KV SUBSTATION.
- ➔ **Event Summary:** At 11:25 hrs. on 2nd April 2025, the following elements tripped simultaneously, causing a significant grid disturbance:
  - ❖ **220 kV BKTPP–Satgachiya #1**
  - ❖ **220 kV Satgachia–Rishra S/C**
  - ❖ **160 MVA Transformer #1**
  - ❖ **220 kV Bus Coupler (B/C)**
- ➔ **Immediate Impact:** The simultaneous tripping of critical transmission lines and transformer elements led to a power loss of approximately 316 MW in the network.

- ➔ **Relay Indications:**

- **220 kV BKTPP-SATGAHIYA#1**
  - **SATGACHIA END: No Tripping.**
  - **BKTPP End: 3-PHASE trip, Trip relay-186, Z2, Ia-860A, Ib-870A, Ic-1.480KA**
- **220KV SATGCAHIYA-RISHRA S/C**
  - **SATGACHIA END: Z1, C-N, DIST=11.363KM, IA=28.32A, IB-30.46A, IC-3.553KA**
  - **RISHRA END: Z1, C-N, IA-442A, IB-692A, IC-294A, DIST=52.99KM**
- **160 MVA TR#1**
  - **HV side=O/C Relay,86.**
- **220KV B/C**
  - **B/C:51N, E/F Relay operated.**

Deliberation:

- The **representative from Tr. (O&M)** informed that the **malfunction of the 220 kV Bus Coupler** was observed and **immediately rectified** post-incident.
- **ACE - I, SLDC** raised concern over the **delay in receiving relay indications from the BKTPP end**, which is **not acceptable** in a **real-time system operation environment**.
- He requested **BKTPP and all generating stations of WBPDCL** to **provide relay indications to the SLDC control room at the earliest possible time after any tripping**, to enable faster restoration and prevent further spread of the affected elements/areas.
- All concerned parties were urged to take **immediate action** to **improve relay communication and coordination**, ensuring **timely and accurate data flow** to the SLDC during such events.

ITEM NO: 4. OPERATIONAL PLANNING:

(a) ANTICIPATED POWER SUPPLY POSITION FOR THE MONTH OF MAY – 25, JUNE– 25 AND JULY – 25.

Description	**MAY – 25**	**JUNE – 25**	**JULY – 25**
WBPDCL S/O Generation	**3450**	**3350**	**3050**
WBSEDCL Own Maximum Demand	**10700**	**10700**	**10150**
CESC Maximum Demand	**2750**	**2850**	**2400**
CESC Own gen.+ HEL (S/O) + (PCBL & CPL) +Import	**830+540+50+1340**	**830+540+50+1430**	**830+540+50+980**
DPL Generation Availability (GROSS)	**480**	**480 (up to 23rd June)** **220 (From 23rd June to 2nd July)**	**480 (3rd July to 22nd July)** **220 (22nd July onwards)**
IPCL demand met from J.K. Nagar connectivity	**115**	**115**	**115**
HIREL Generation (Approximate)	**130**	**260**	**260**

*Table 2: Anticipated Power Supply Position (All Values are in **MW**)*

(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 EQUIPMENT.

UNIT	From	To	REMARKS
KTPP #4	**27.06.2025**	**30.06.2025**	For Boiler maintenance.
DPL #8	**23.05.2025**	**01.06.2025**	For emergency maintenance job
BKTPP #4	**16.06.2025**	**31.07.2025**	Turbine maintenance

Table 3: Settlement of Shut Down proposals

Discussion and Decisions:

- **ACE – I, SLDC** clearly stated that, **except for regulatory mandates or obligations such as "boiler license renewal," no planned shutdown of generating units will be permitted during the month of June,** as system peak demand is expected to occur during that period.
- **ALDC Representative's Concern:**
  - Highlighted a significant **change in load pattern** due to seasonal weather changes.
  - Anticipated **peak demand** likely during **May or June 2025**.
  - Hence, **declined the shutdown request for DPL #8**, citing lack of prior discussion in the O.C.C. meeting.
  - Also **raised concerns about the shutdown timing for BKTPP #4** due to possible demand constraints.
- **Instructions to DPL:**
  - **CE, SLDC** and **ACE – I, SLDC** directed the **DPL representative** to **send an official email** detailing the **cause and urgency** of the proposed emergency maintenance.
- **BKTPP Clarification:**
  - The **BKTPP representative** informed that **FUJI ELECTRICAL**, the vendor responsible for turbine maintenance, is **urging for an earlier shutdown**.
  - However, the representative assured that they will **continue discussions** with the vendor to potentially **defer the maintenance to July 2025**.

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

5.1. ***<u>Agenda note put up by BTPS:</u>***

- **Tripping of 4 Nos. circuits simultaneously consisting of 132KV BTPS-Bighati 1 & 2 and 132KV BTPS - Chanditala 1 & 2.**
- **Simultaneous tripping of 4 no's 132 KV outgoing feeders observed at 21:38 Hrs. on 5.4.25 due to over current and distance protection.**
- **Out of these 4 Nos circuits only one circuit got tripped at the far end during the occurrence of fault.**

➢ **Tripping Details are as follows: -**

SL No	Date	T.O. O	Feeder/Gen	Relay Details BTPS End	Relay Detail Far End
1	05.04.25	21:38	Chanditala Ckt#1	Z-3, Dist. 50.74 Km., IA-865.2 A, IB- 915.6 A, IC- 911.2 A, PSB opted.,	No tripping occurred
2	05.04.25	21:38	Chanditala Ckt#2	Z-3, Dist. 49.68 Km., IA-885.4 A, IB- 936.8 A, IC- 930.0 A, PSB opted.,	No tripping occurred
3	05.04.25	21:38	Bighati Ckt#1	Back up over current, IA=495 A, Ib=520 A, Ic=519 A,1 sec	No tripping occurred
4	05.04.25	21:38	Bighati Ckt#1	Back up over current, Ia=761 A, Ib=784 A, Ic=792 A,0.8 sec	Loss of voltage, General protection Trip

Table 4: Tripping Details

- As per information received from 220 KV Rishra substation, Busbar Differential Protection operated at Rishra 220 KV Main Bus 1 & 2 during that time.
- Also, neither 132 KV Rishra-Bighati nor 132 KV Rishra-Chanditala Tripped at Rishra end at that time.
- You are requested to look into the matter that undesired tripping has occurred at BTPS end due to external fault.

Deliberation:

- The **representative from CTD** stated that the incident occurred during **first-time charging of 160 MVA Transformer #4** at **Rishra 220 kV Substation**.
- A **total bus fault at 220 kV** was triggered due to a **relay coordination issue with the 220 kV Bus Coupler**. The issue was resolved **immediately after the incident**.
- **ACE – I, SLDC** expressed concern over the **undesirable tripping** and emphasized the **critical need for preventive measures**.
- He advised that **any additional protection checks** required should be **urgently carried out** to avoid recurrence of similar grid disturbances in the future.

5.2. <u>Agenda note put up by STPS</u>

A. Relocation or Height modification of 220 KV STPS-CHANDIL feeder

- Tower No 1,2 & 3 of STPS CHANDIL Feeder are in the plant premises. Ash Evacuation through Ash browser is continuously done under this feeder. There is a high risk of a major accident occurring during ash browser movement beneath this transmission line between tower no 2 & 3 due to sag of the said feeder.
- Considering the above situation, you are requested to relocate the STPS CHANDIL feeder tower or height modification of the said feeder using another arm of the existing tower and help us to prevent major catastrophe.

Deliberation:

- Upon confirmation from STPS that **re-sagging** of the conductor is the most viable and immediate solution.
- The **representative from Tr (O&M)** assured that **re-sagging work** will be undertaken **at the earliest**.
- **ACE – I, SLDC** informed the forum that the **220 kV STPS–Chandil circuit** is presently under **continuous shutdown until 02.05.2025**, as per requisition from **JSEB**.
- He also advised that the re-sagging work be **completed within this outage window** to avoid further operational constraints or safety risks.

B. Supply of SAMAST Energy meter for 220 KV Raghunathpur #1 &2

- Raghunathpur #1&2 CT, PT commissioning work will be started very soon at our STPS end. Supply of SAMAST energy meter is very much needed so that the energy meter installation work can also be carried out alongside the CT and PT commissioning activities.

Deliberation:

- **ACE – II, SLDC** stated that installation of another **DCU is a prerequisite for commissioning the new SAMAST energy meters** at STPS.
- **CTD, WBSETCL** has been requested for necessary action.
- The **representative of STPS** confirmed that they will **coordinate directly with CTD, WBSETCL to proceed with the required steps.**

5.3. <u>Agenda note put up by KTPS</u>

A. As per discussion in 74th SLCF meeting regarding old communication panels and microwave tower removal from KTPS, testing dept continuously communicates with WBSETCL Communication Dept. over telephone and also sent email on 24.02.2025 and 17.04.2025 regarding this but still no response is received from WBSETCL Communication end. In this context we are requesting to make a concrete decision in this forum regarding old communication panels and microwave tower removal from KTPS ECR building. (Minutes should be made through SLCF meetings).

Deliberation:

- The **representative of CTD, WBSETCL** stated that the **removal of the equipment will be carried out by the O&M Department of WBSETCL.**
- It was informed that the matter has already been **notified to the O&M Department**, and it is currently **awaiting further procedural steps.**
- **ACE – I, SLDC advised the concerned departments** to **convene a physical meeting** and **take an early decision**—either to **remove the equipment** or **declare it as scrap**, thereby **handing over the responsibility entirely to KTPP** if deemed appropriate.

B. ALDC send an LSD related message and clearly mention that one-unit (KTPP unit #4) KTPP may be allowed to desynchronize up to 17:00 hrs. on 15.04.2025. But Unit 3 is tripped at 08:27 hrs. dated 15.04.2025 and due to this unit #4 is synchronized at 13:06 hrs. for the stability of the grid. (Block 53). In this context we claim DC due to LSD from block 53-block 68 for unit 4 on 15.04.2025.

Deliberation:

- After detailed discussion, beneficiary **ALDC, WBSEDCL's** representative **agreed to consider the LSD claim for the additional quantum**, subject to **the ramp capacity of Unit #4** during the relevant period.

C. KTPP U#3 was de-synchronized at 96th block on 17.04.2025 and DC was 520 MW at block 96. After that we are placing a revision of DC-520 MW for 18.04.2025 and the effect was reflected from block 3. And for that block 1, Block 2 DC and SG is showing 680 MW (no of running unit-4) in SAMAST. In these circumstances we request you to kindly consider DC and SG as 520 MW from block 1 and block 2 dated 18.04.2025.

Deliberation:

- The **representative of ALDC, WBSEDCL** declined the appeal, stating that accepting the revised values would imply an **excess of 160 MW** being treated as **state overdraw**.
- He emphasized the recurring issue of **non-revision of schedules** by generating stations following unit tripping, specifically by WBPDCL.
- He also **reiterated** that all **generators must revise their schedules at the earliest** after any unit trips to avoid such discrepancies.
- Furthermore, **ALDC representative** requested **SLDC to revise the schedules *Suo moto*** with due consideration of real time system condition in case generating stations fail to revise the schedules within reasonable time.

<u>Additional Agenda put up by BkTPP</u>

1. Huge mismatch between SAMAST meter MWH sent out and ABT meter MWH sent out. Mainly difference (SAMAST MWH – ABT MWH < 0) found in 400 kV Jeerat,400 kV Arambagh and 220 kV Satgachia Ckt#1.

Deliberation:

- **ACE – II, SLDC** agreed to share one week's SAMAST data with BkTPP for comparative analysis.
- Based on the findings, necessary corrections or clarifications will be made to resolve the mismatch in meter readings.

2. Plant makes generation and evacuation of power depending upon our ABT system. But the ABT system is an internal monitoring system, which is not commercialized. We get the actual energy bill as per SAMAST meter reading, which does not show any total ex-bus generation of a plant either in the running block or in previous blocks in average MW format. Only we can see feeder wise sent out in time block in WH format, which also shows data with approx. 1 hr. 45 min delay.

   Hence, total average sent out should be displayed in SAMAST terminal in MW format in the current time block as well as in previous block throughout the day and also in report format.

Deliberation:

- **ACE – II, SLDC** reiterated that accessing **SAMAST meter data** directly from site locations is strictly prohibited due to **cyber security protocols.**
- If data is required for operational or analytical purposes, **SLDC** will provide it upon request.
- It was further emphasized that this issue has been addressed in previous meetings, and any **unauthorized access practices still ongoing at some sites must be discontinued immediately.**

ITEM NO: 6. DATE AND VENUE OF NEXT SLCF (I.E.76TH) MEETING.

Deliberation:

To be announced later.

ITEM NO: 7. MISCELLANEOUS:

Agenda 1: Raised by CESC: Relay Backup Setting of Howrah–CESC 132 KV ckt-1 & ckt-2

- **The representative of CESC** requested the relay settings configured by CTD, WBSETCL on the Howrah–CESC 132 KV Ckt-1 and Ckt-2, in order to align their backup relay settings accordingly.
- **The representative from CTD, WBSETCL** confirmed that the required relay setting data will be shared with CESC for reference and coordination.

Agenda 2: Raised by STPS: Replacement of 7.5 MVA Transformer with 12.5 MVA in the 33 KV Bay at STPS

- **The representative of STPS** proposed replacing the existing 7.5 MVA transformer with a 12.5 MVA transformer in the 33 KV bay to facilitate the connection of the 33 KV feeder load with their solar power system.
- **ACE, SLDC** requested updated CT and PT ratio data from STPS and advised coordination with **CTD, WBSETCL** for further necessary actions.

Agenda 3: Raised by WBPDCL: WBPDCL representative requested a meeting regarding metering & scheduling of Solar Power generation integrated in their plants.

- **The representative of WBPDCL** requested a meeting regarding metering & scheduling of Solar Power generation integrated in their plants. He informed that an additional **20 MW solar power plant will be integrated in SGTPP**, 10 MW solar power plant are being integrated into the BKTPP and ongoing integration is running in Santaldihi Thermal Power Plant also.
- **ACE – II, SLDC & SE, SLDC** asked for the PPA **(Power Purchase Agreement)** of these newly installed Solar Power plants to the **representative of WBPDCL.**
- **The representative of WBPDCL** replied that he has got the PPA only for **SGTPP** & will share it with **SLDC** and the rest PPA data will be furnished later.
- **CE, SLDC** informed that this topic will be taken up in a separate meeting for further discussion and concluded the meeting.

20/5/25

Chief Engineer/SLDC/WBSETCL

Memo No. SLDC/ How/ 109/ 2025-26/ 169 (1-25) **Dated:** 20/05/2025

Copy for information please: -

1. The Secretary, WBERC, Plot No AH/5 Premises No: MAR16-1111, Action Area-1A, New Town Kol-163.
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, Transmission-III, WBSETCL, Vidyut Bhavan, Kol-91.
5. C.E, CTD, WBSETCL, Abhikshan Bhavan, Kol-91.
6. C.E, Communication, WBSETCL, Abhikshan Bhavan, Kol-91.
7. C.E. (PTP), WBSEDCL, Vidyut Bhavan, Kolkata-91.
8. G.M.(SO) CESC Ltd., Statesman House, Kol- 01.
9. G.M. BTPS, WBPDCL.
10. G.M. STPS, WBPDCL.
11. G.M. KTPP, WBPDCL.
12. G.M. BKTPP, WBPDCL.
13. G.M. SGTPP, WBPDCL.
14. G.M. Durgapur Projects Limited (DPL).
15. Whole time Director, India Power Corporation Limited.
16. Addl. Chief Engineer, SLDC, WBSETCL, Howrah-09.
17. Addl. Chief Engineer, Communication (Howrah), WBSETCL, Howrah-09.
18. Addl. Chief Engineer, ALDC, WBSEDCL.
19. D.G.M, System Control Department, CESC Ltd, CESC House, Kol- 01.
20. D.G.M.(O), Durgapur Projects Limited (DPL)., DPL.
21. PS to Managing Director, WBSETCL, Vidyut Bhavan, Kolkata-91.
22. PS to Managing Director, DPL, Kolkata -107.
23. PS to Director (Operations), WBSETCL, Vidyut Bhavan, Kolkata-91.
24. PS to Director (RT), WBSEDCL, Vidyut Bhavan, Kolkata-91.
25. PS to Executive Director (OS), WBPDCL, Salt Lake City, Kolkata-700 098.

20.05.25

Convenor, SLDC

West Bengal State Electricity Transmission Company Limited
(A Government of West Bengal Enterprise)

Office of the Chief Engineer
State Load Despatch Centre

WBSETCL

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Memo No: SLDC/HOW/109/2025-26/ 196 Dated: 27/5/25.

CORRIGENDUM

(Regarding the printing error in the 75th SLCF Minutes published on 20.05.2025, vide Memo No. SLDC/HOW/109/2025-26/169(1-25) dated 20.05.2025)

1. On Page No. 06, under **Item No. 4B** – *Settlement of shutdown proposals for the months of February 2025, March 2025, and April 2025* (in respect of generating units, transmission lines, and other equipment) – in **Table 3: Settlement of Shutdown Proposals**, the shutdown period for **KTPP Unit #4** should be read as **27.06.2025 to 21.07.2025**, instead of **27.06.2025 to 30.06.2025**.

   All other content in the minutes of the 75th SLCF meeting remains unchanged.

27/5/25

Chief Engineer, SLDC (WB).

Memo No: SLDC/How/109/2025-26/ 196 (1-26) **Dated:** 27/5/25.

Copy for information and kind necessary action 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.
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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.

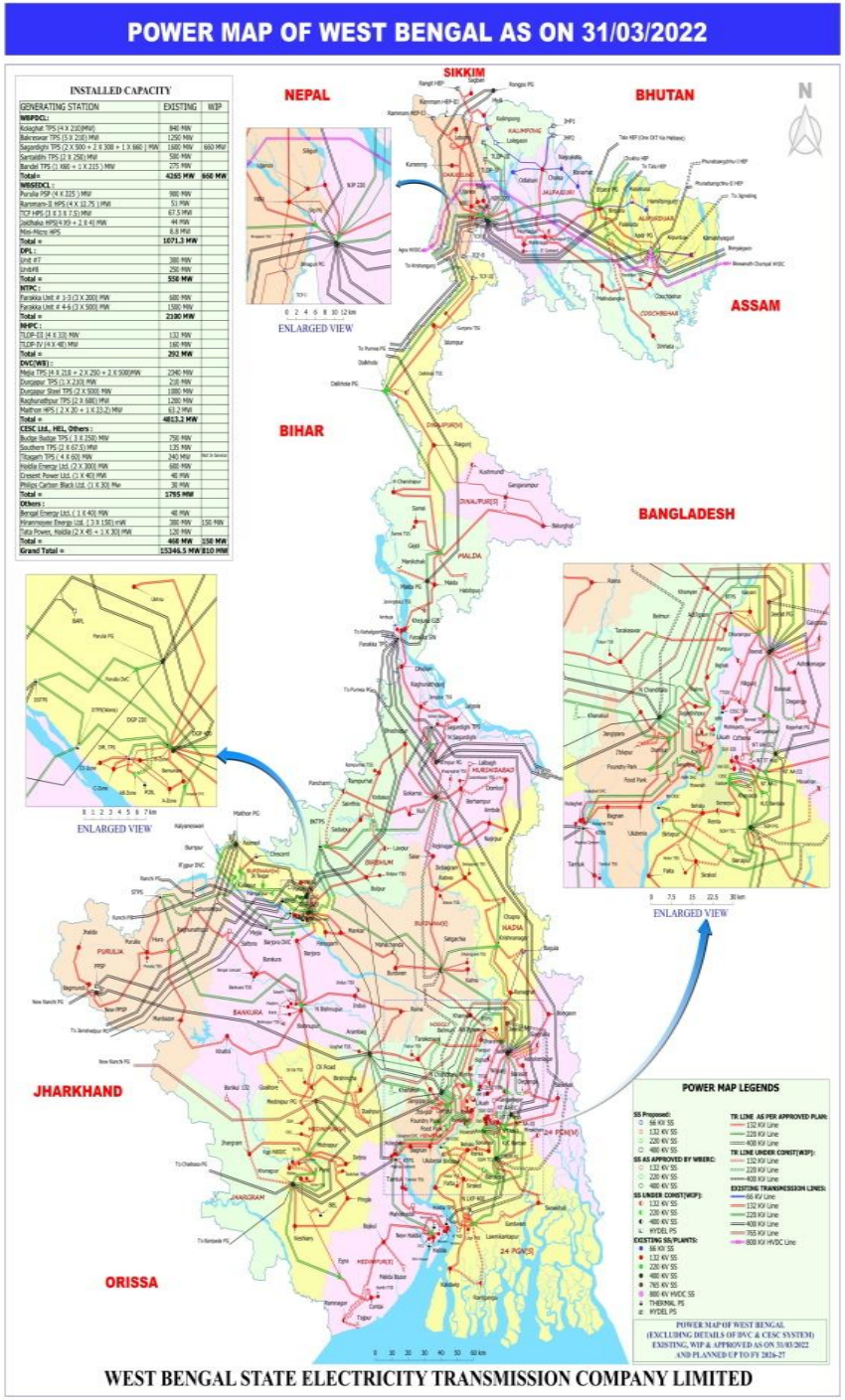
27.05.25

Convenor, SLCF

Annexture - 1

75th Meeting of State Level Co-ordination Forum

Venue : SLDC Date : 29.04.2025



STATE GRID PERFORMANCE REPORT

(BASED ON OPERATIONAL STATISTICS)

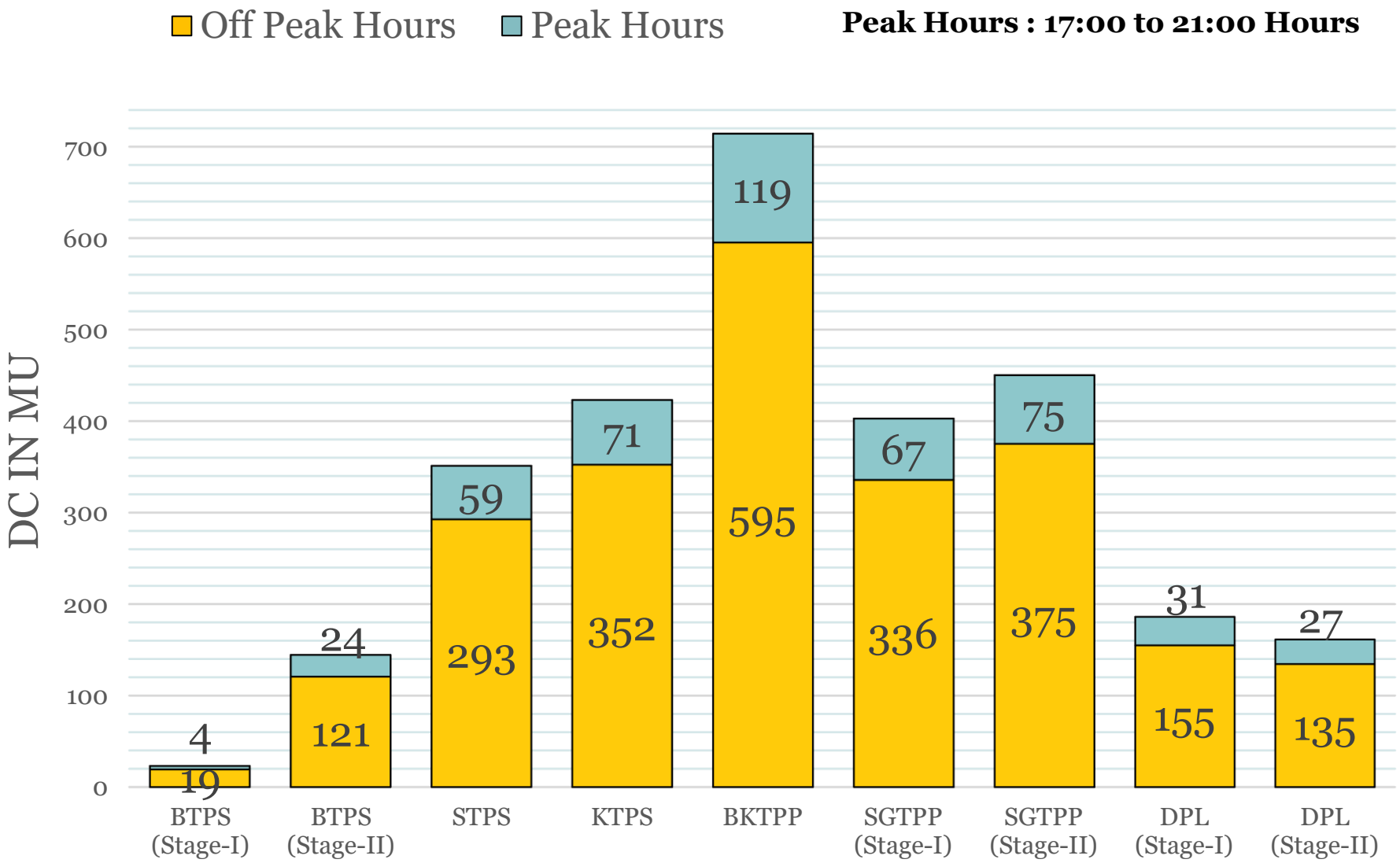
JANUARY-25, FEBRUARY-25 & MARCH-25

Presented By

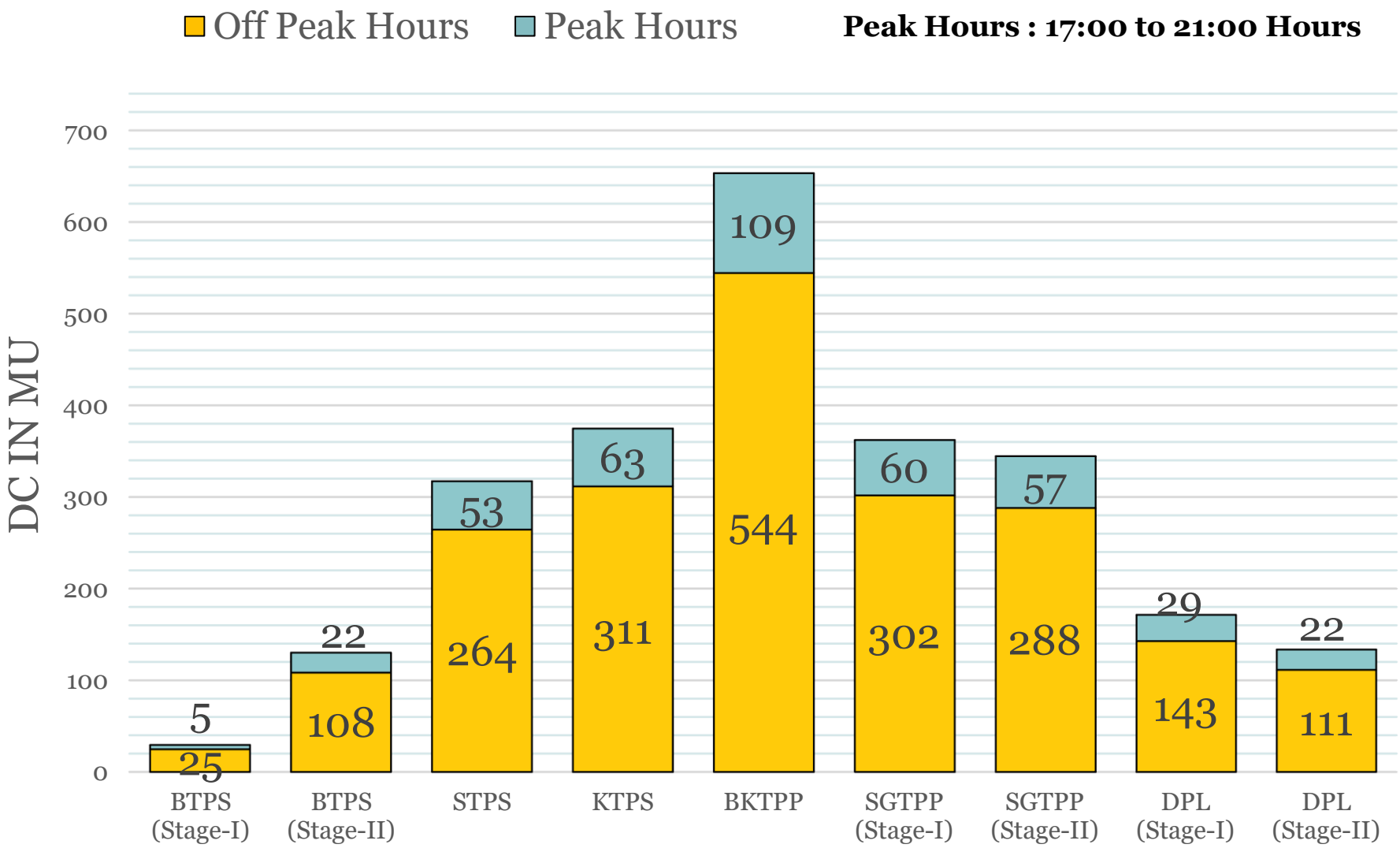
State Load Despatch Centre, WBSETCL, Howrah.

Availability Status of Power Plants

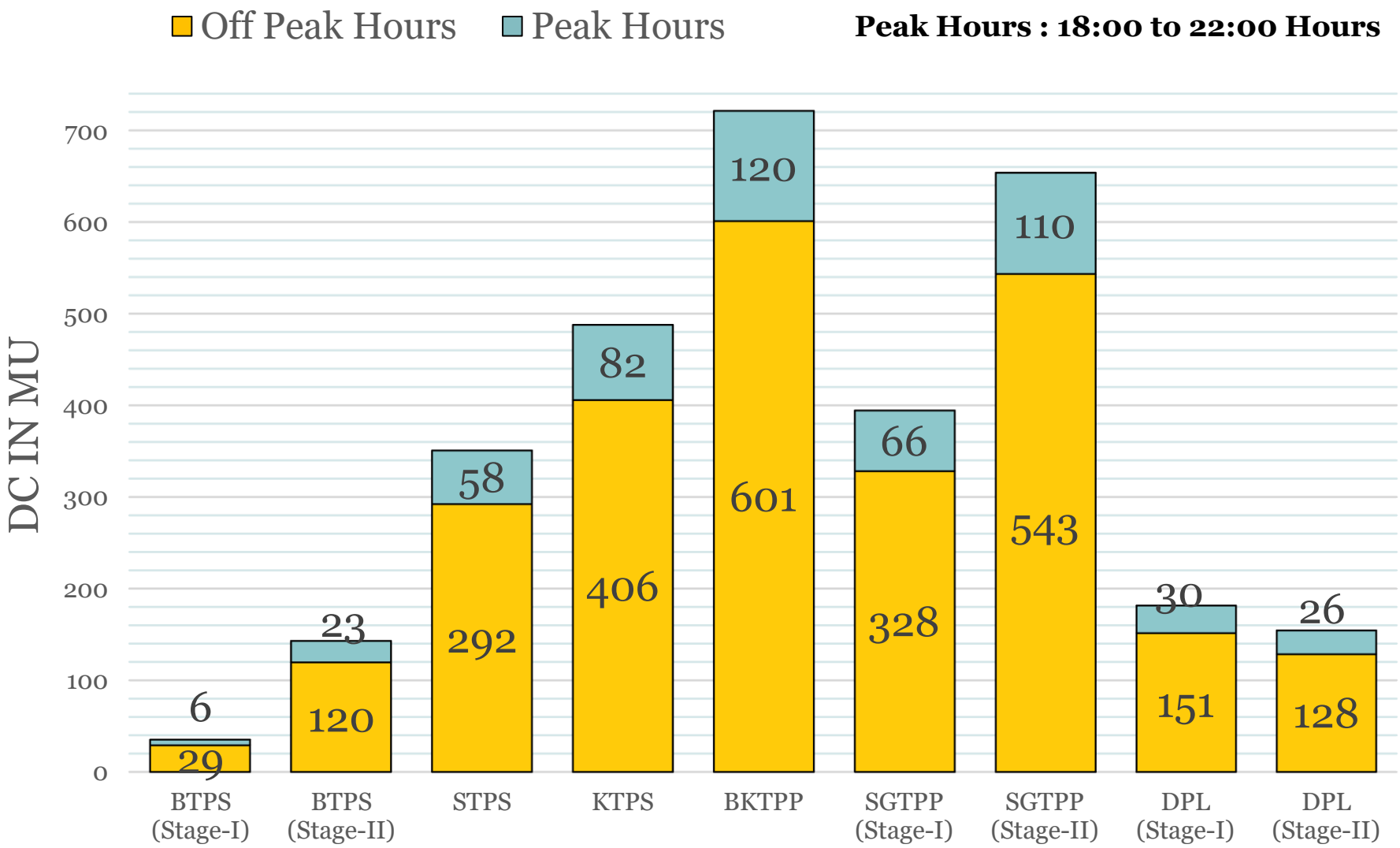
DECLARED CAPACITY in MU OF WBPDCL POWER PLANTS FOR THE MONTH OF JANUARY-25 IN PEAK & OFF PEAK HOURS



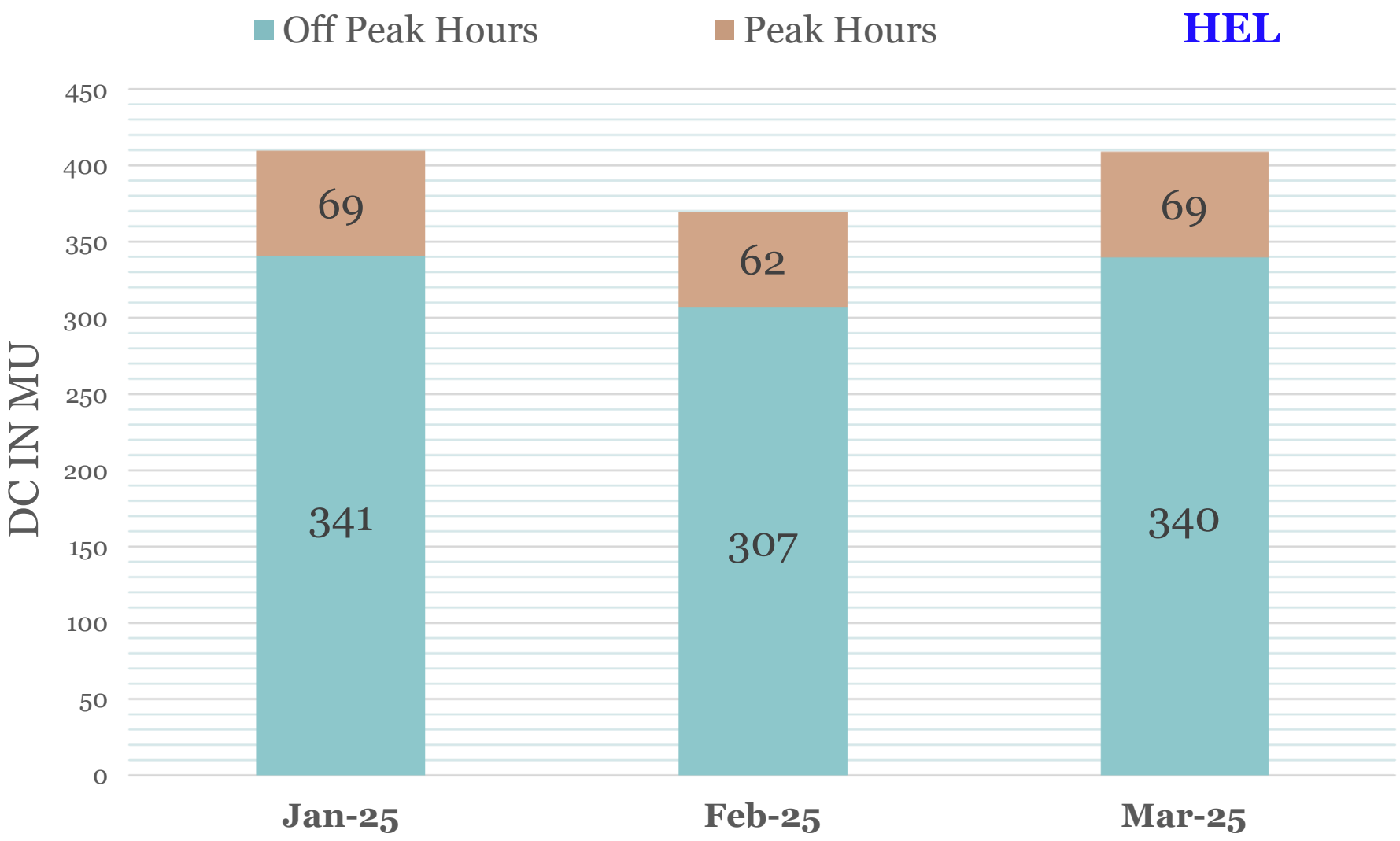
DECLARED CAPACITY in MU OF WBPDCL POWER PLANTS FOR THE MONTH OF FEBRUARY-25 IN PEAK & OFF PEAK HOURS



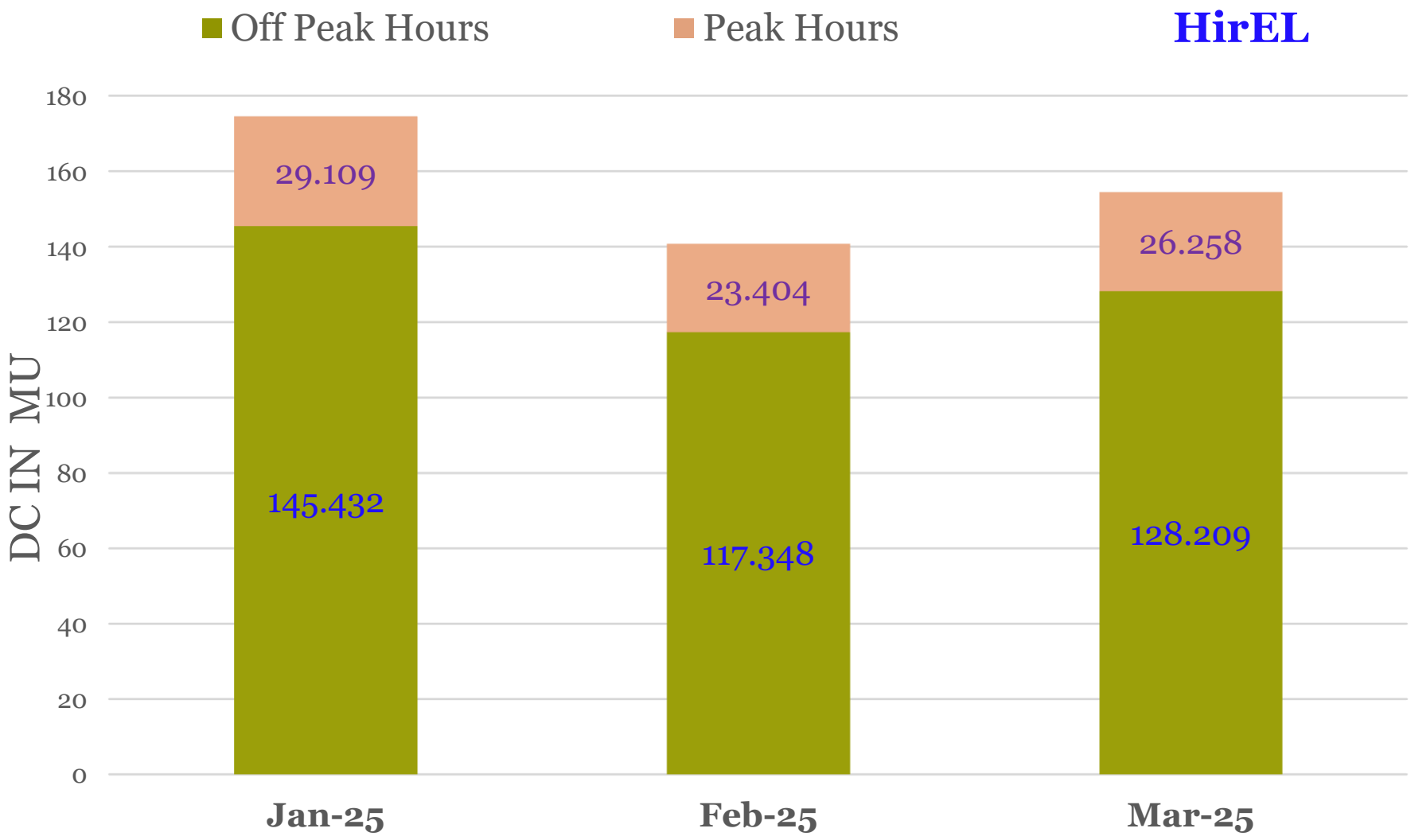
DECLARED CAPACITY in MU OF WBPDCL POWER PLANTS FOR THE MONTH OF MARCH-25 IN PEAK & OFF PEAK HOURS



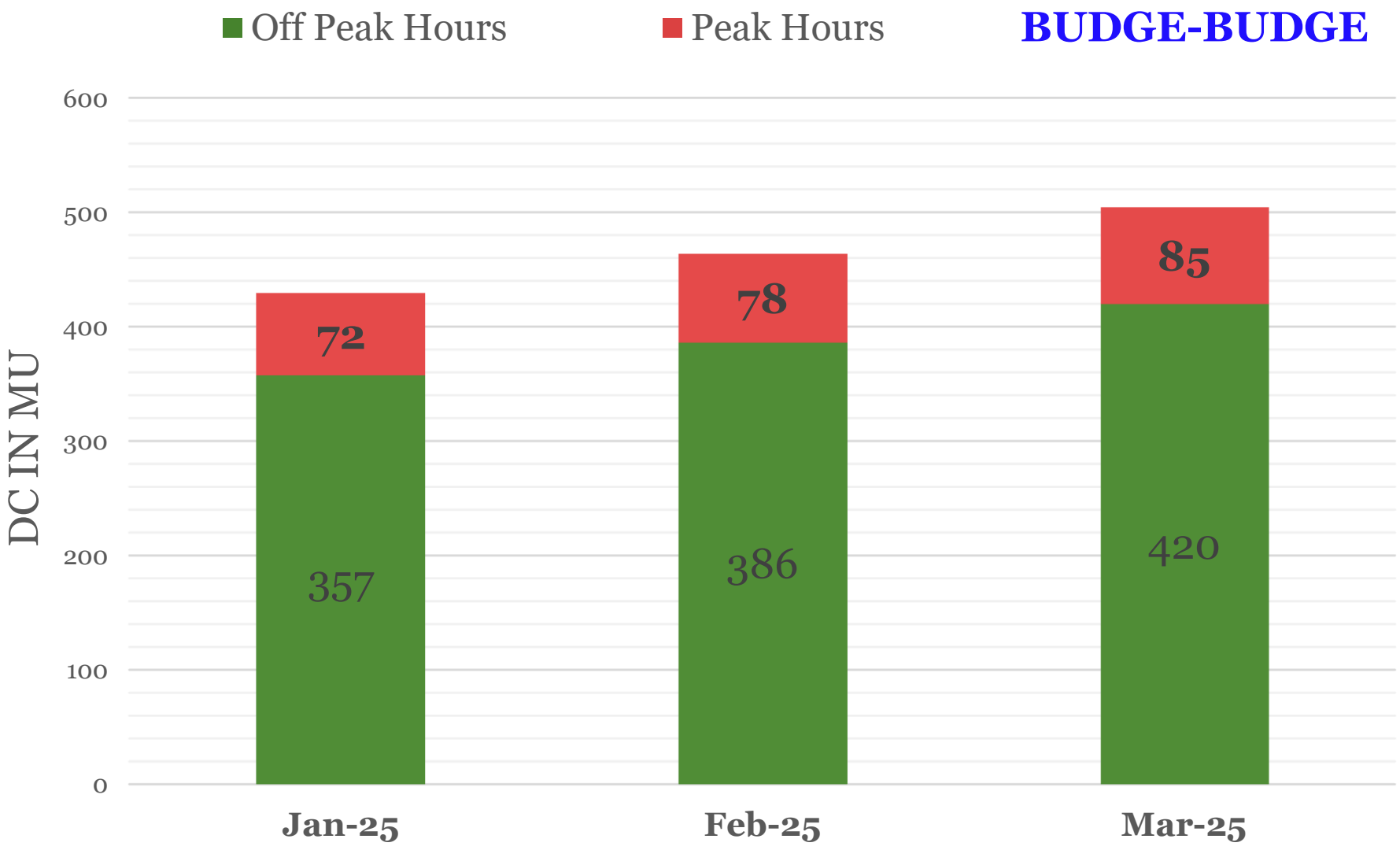
DECLARED CAPACITY OF HEL POWER PLANT FOR THE MONTH OF JANUARY, FEBRUARY & MARCH-25 IN PEAK & OFF PEAK HOURS



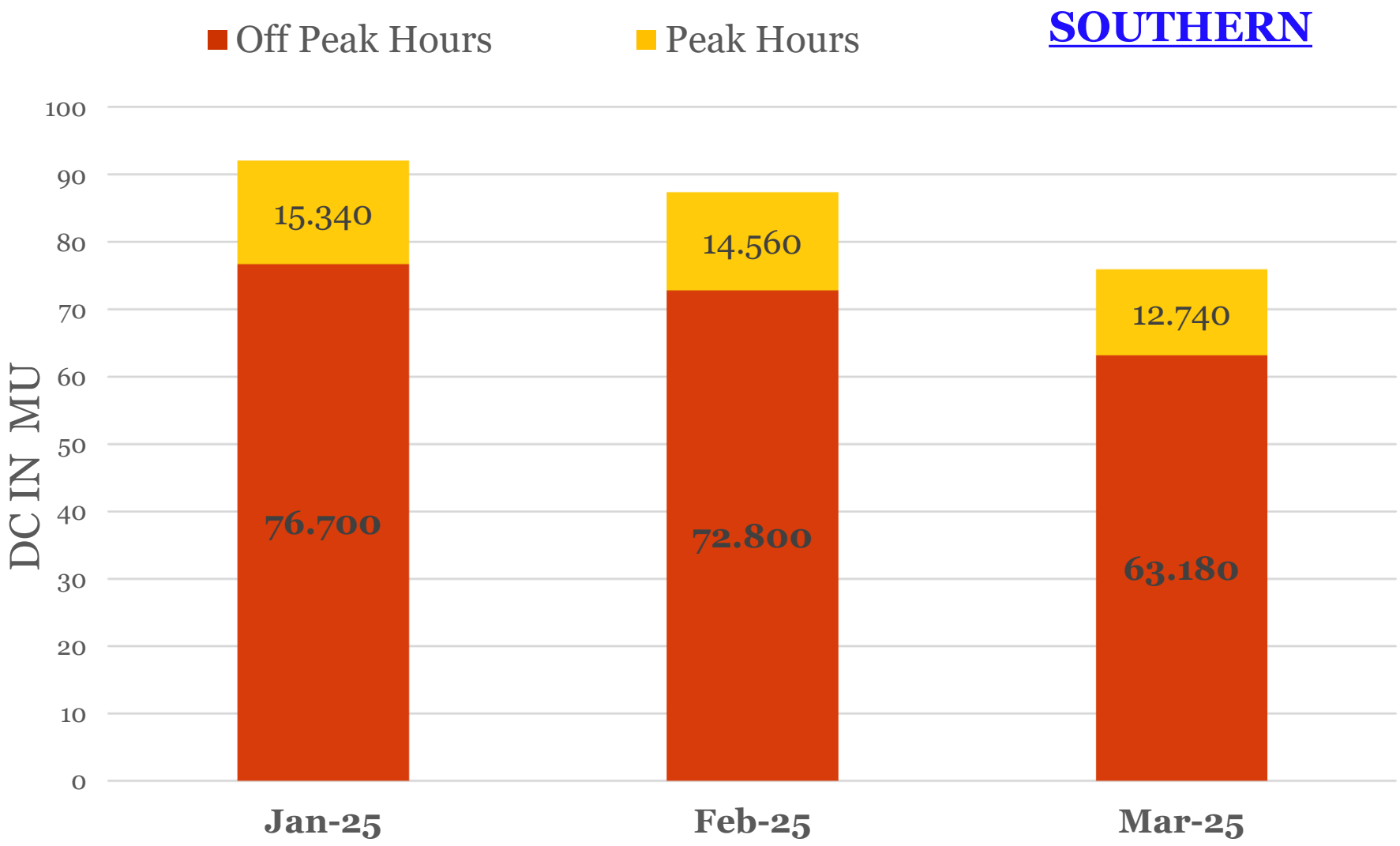
DECLARED CAPACITY OF HirEL POWER PLANT FOR THE MONTH OF JANUARY, FEBRUARY & MARCH-25 IN PEAK & OFF PEAK HOURS



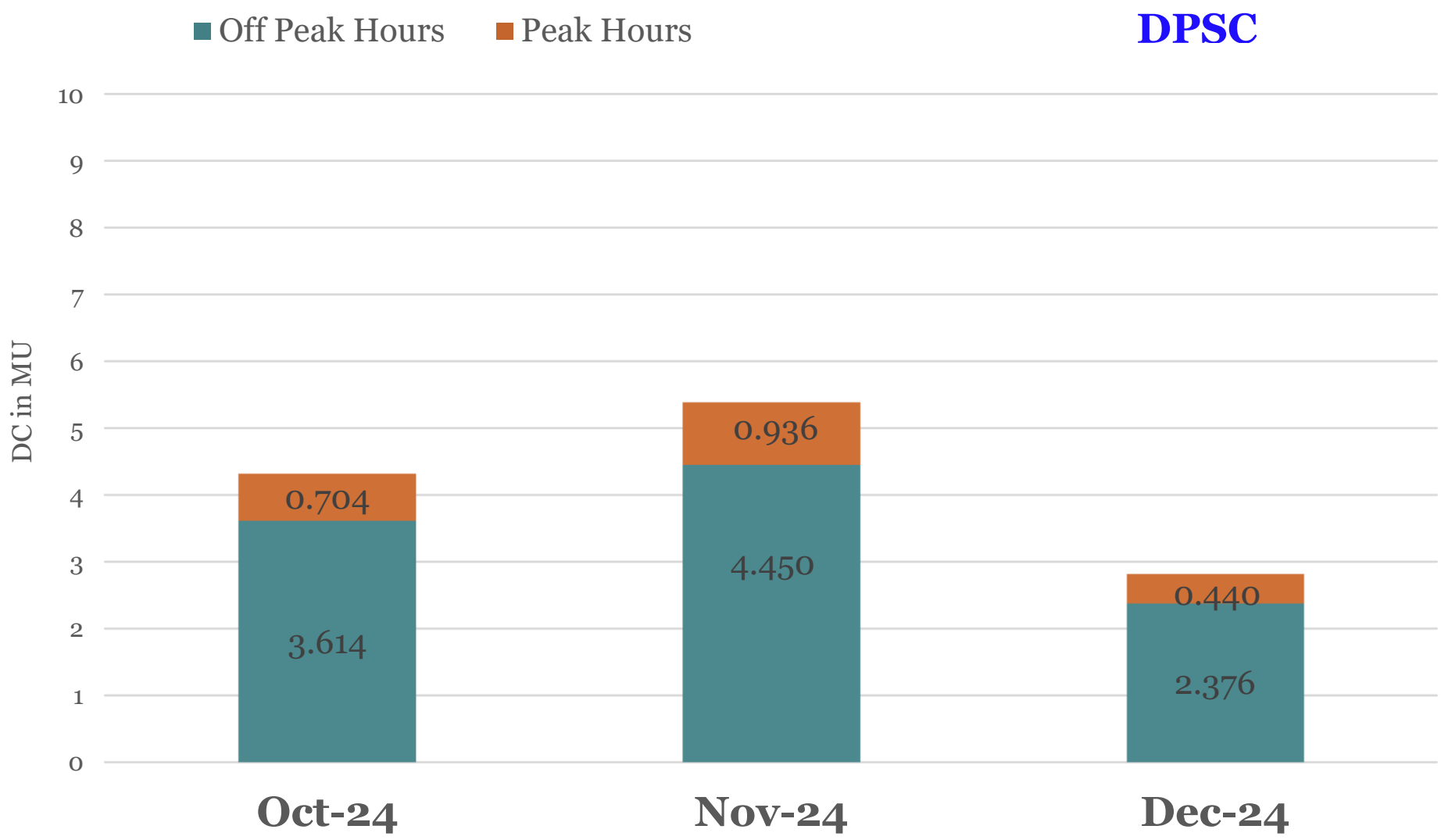
DECLARED CAPACITY OF BUDGE-BUDGE (CESC) POWER PLANT FOR THE MONTH OF JANUARY, FEBRUARY & MARCH-25 IN PEAK & OFF PEAK HOURS



DECLARED CAPACITY OF SOUTHERN (CESC) POWER PLANT FOR THE MONTH OF JANUARY, FEBRUARY & MARCH-25 IN PEAK & OFF PEAK HOURS

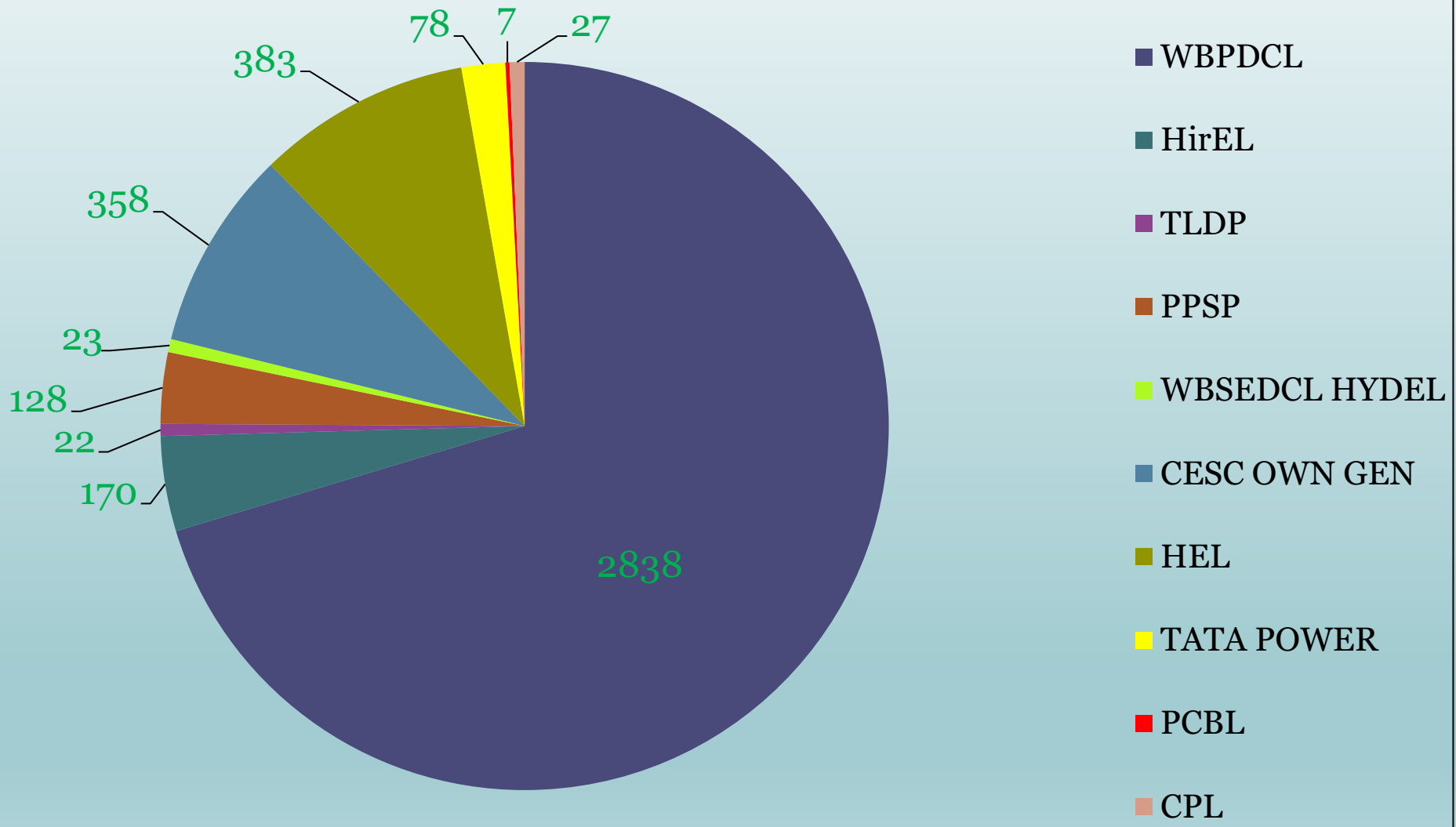


DECLARED CAPACITY OF DPSC POWER PLANT FOR THE MONTH OF OCTOBER, NOVEMBER and DECEMBER-24 IN PEAK & OFF PEAK HOURS



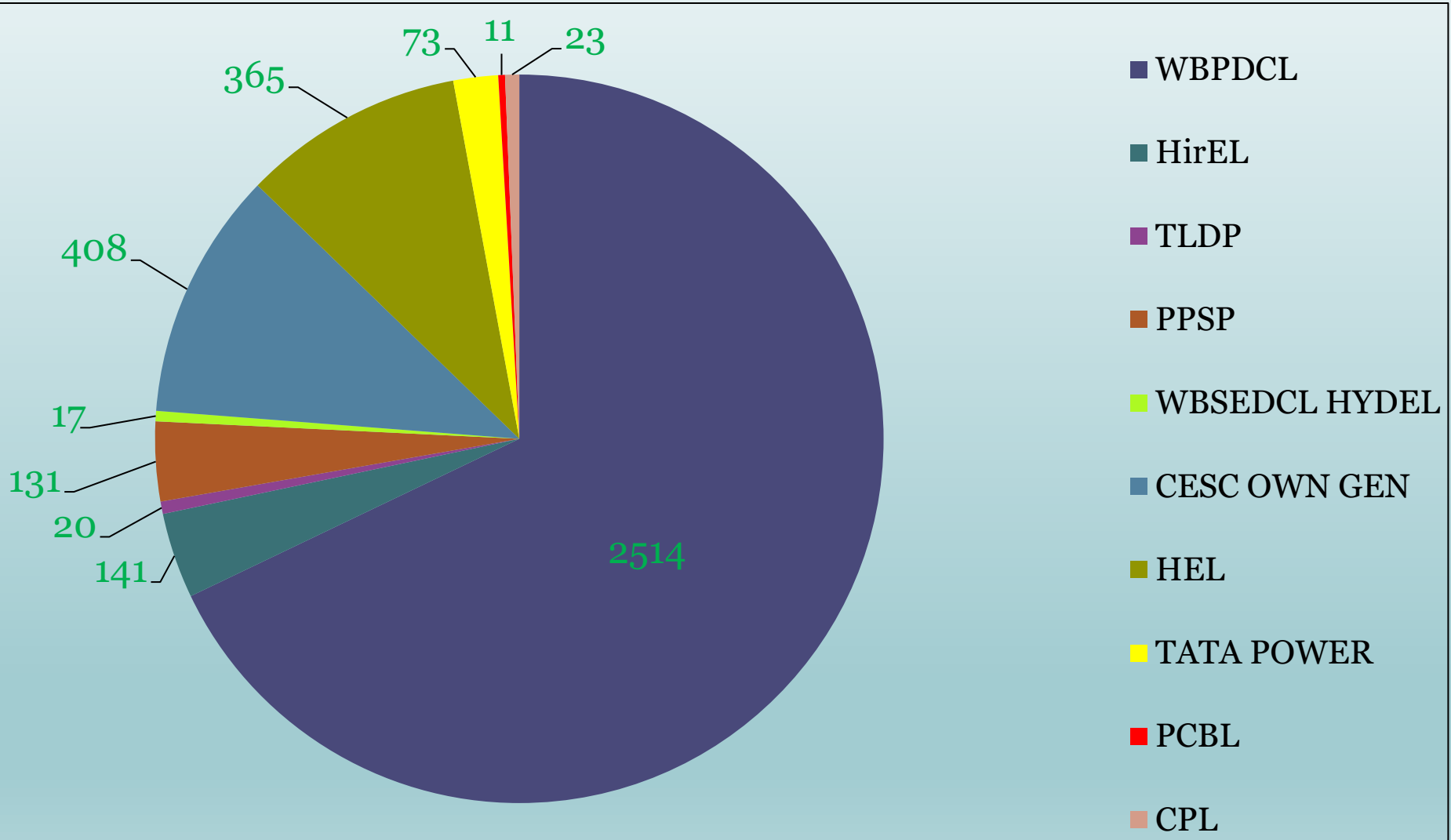
ACTUAL GENERATION STATUS

STATE GENERATION (EMBEDDED+ABT) (SENT OUT) IN MU FOR THE MONTH OF JANUARY-2025



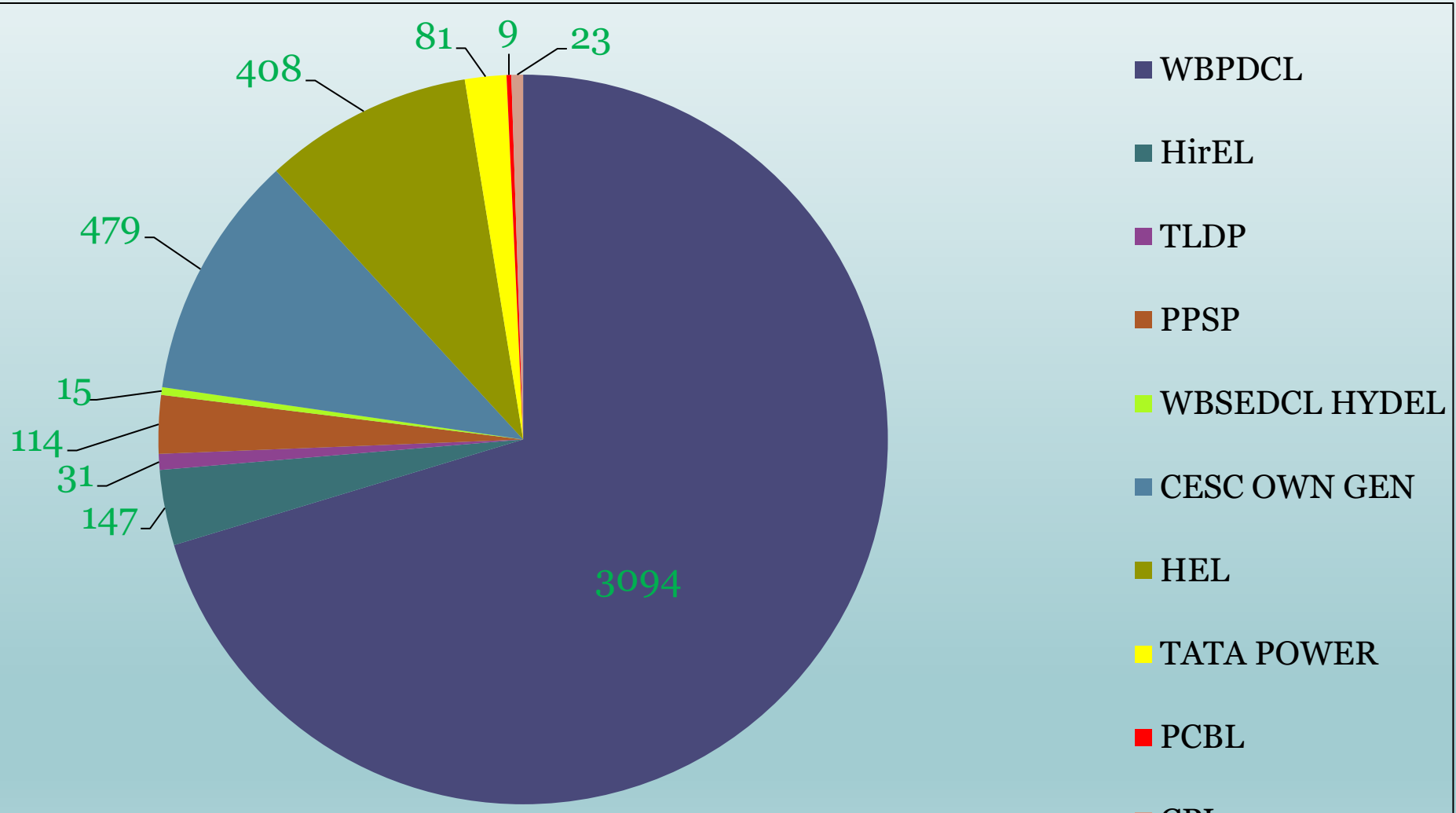
TOTAL STATE GENERATION: 4035 MU

STATE GENERATION (EMBEDDED+ABT) (SENT OUT) IN MU FOR THE MONTH OF FEBRUARY-2025



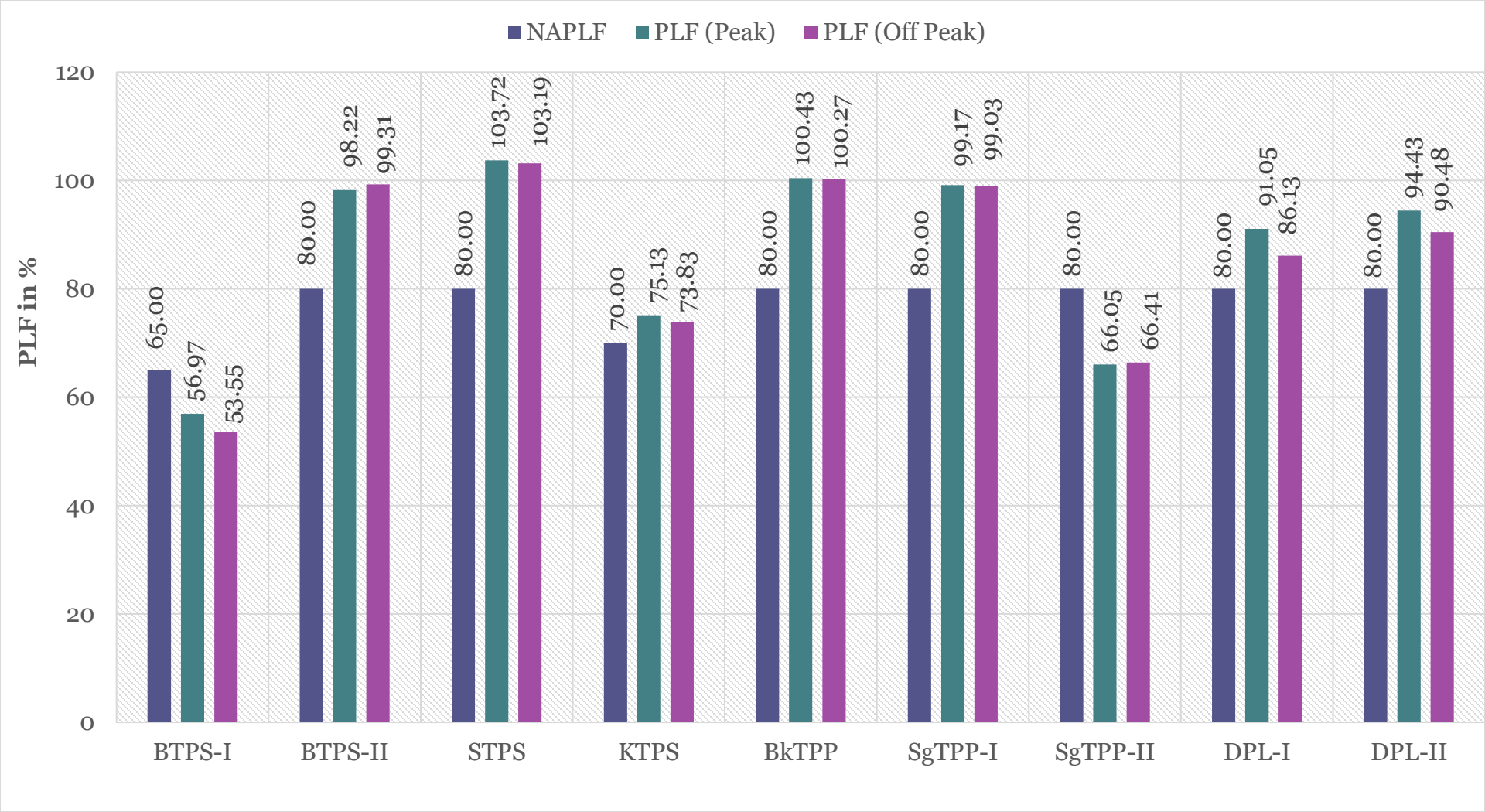
TOTAL STATE GENERATION: 3702 MU

STATE GENERATION (EMBEDDED+ABT) (SENT OUT) IN MU FOR THE MONTH OF MARCH-2025



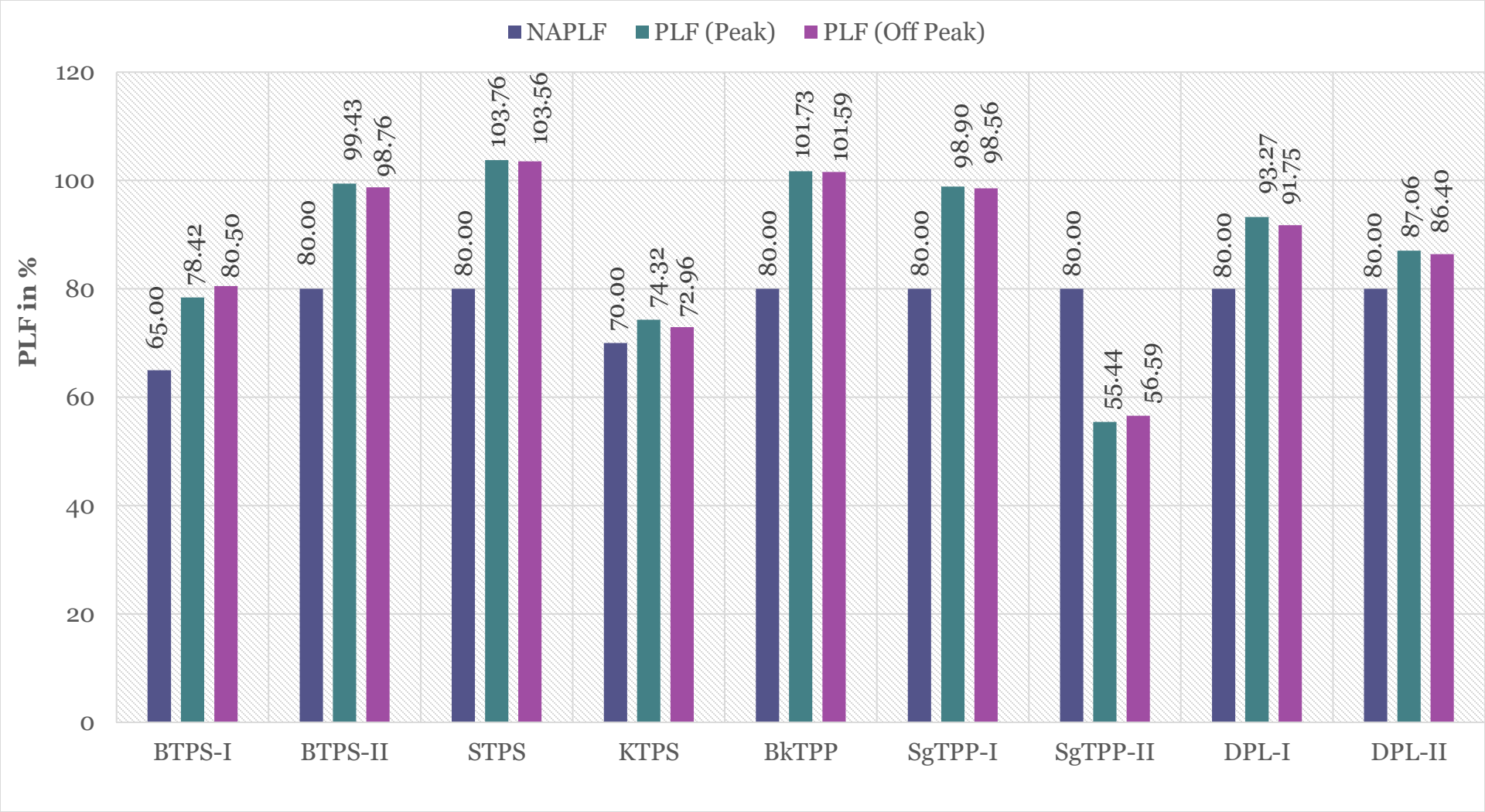
TOTAL STATE GENERATION: 4347 MU

ACHIEVED PLF OF WBPDCL POWER PLANTS in COMAPRISON with NAPLF FOR THE MONTH OF JANUARY-25 IN PEAK & OFF PEAK HOURS



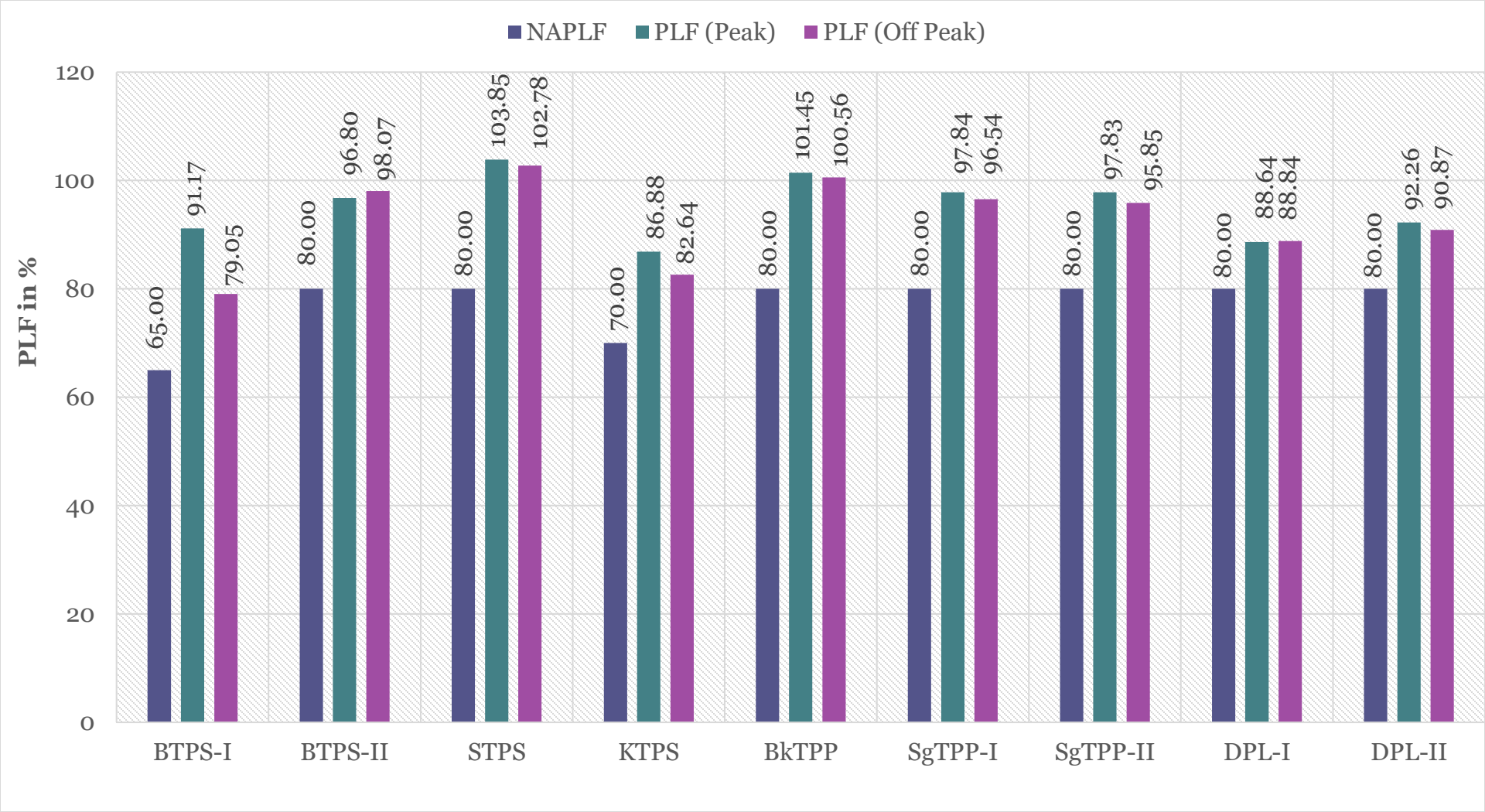
NAPLF : Normative Annual Plant Load Factor (in %)
PLF : Achieved Plant Load Factor during the Month (in %)

ACHIEVED PLF OF WBPDCL POWER PLANTS in COMAPRISON with NAPLF FOR THE MONTH OF FEBRUARY-25 IN PEAK & OFF PEAK HOURS



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

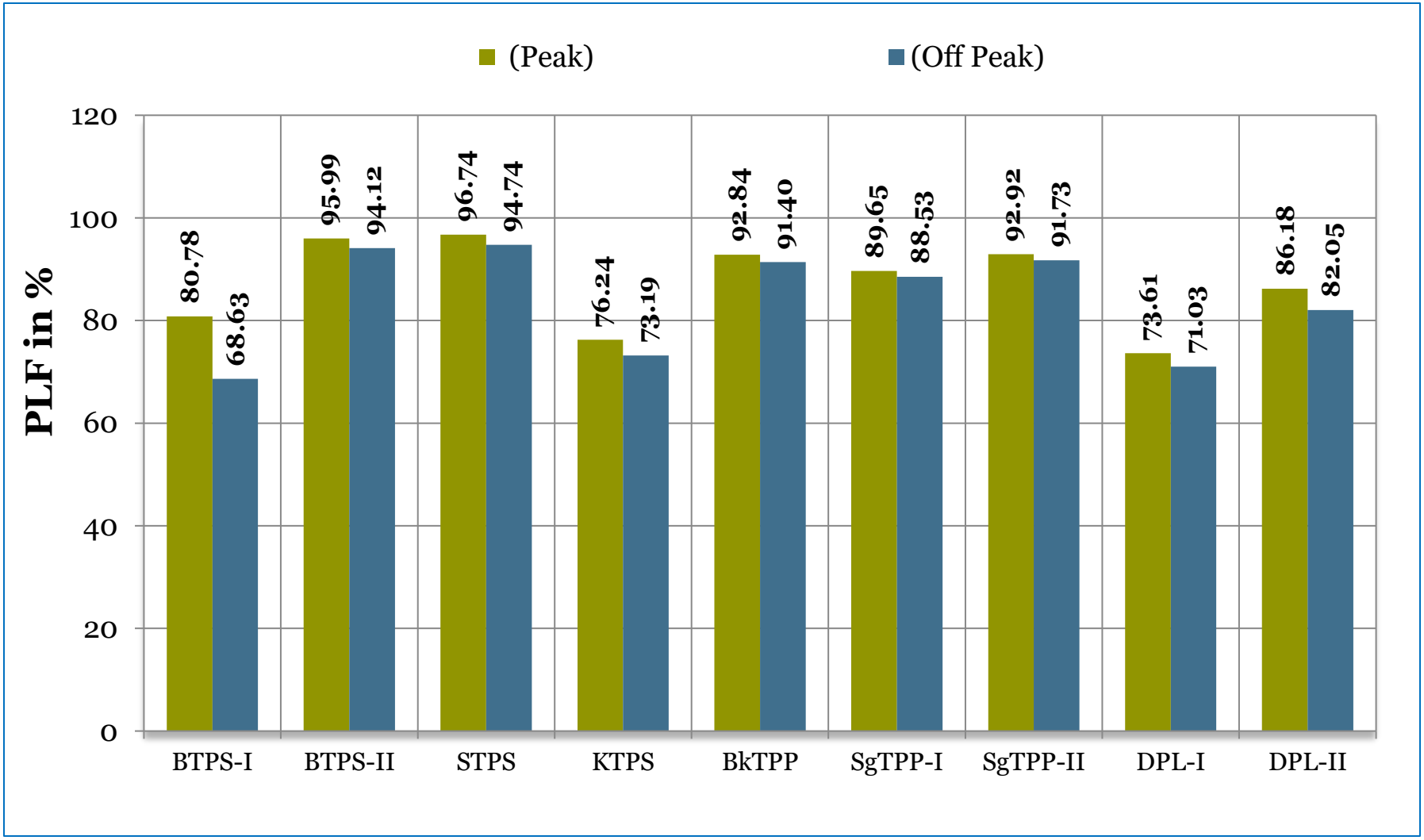
ACHIEVED PLF OF WBPDCL POWER PLANTS in COMAPRISON with NAPLF FOR THE MONTH OF MARCH-25 IN PEAK & OFF PEAK HOURS



NAPLF : Normative Annual Plant Load Factor (in %)

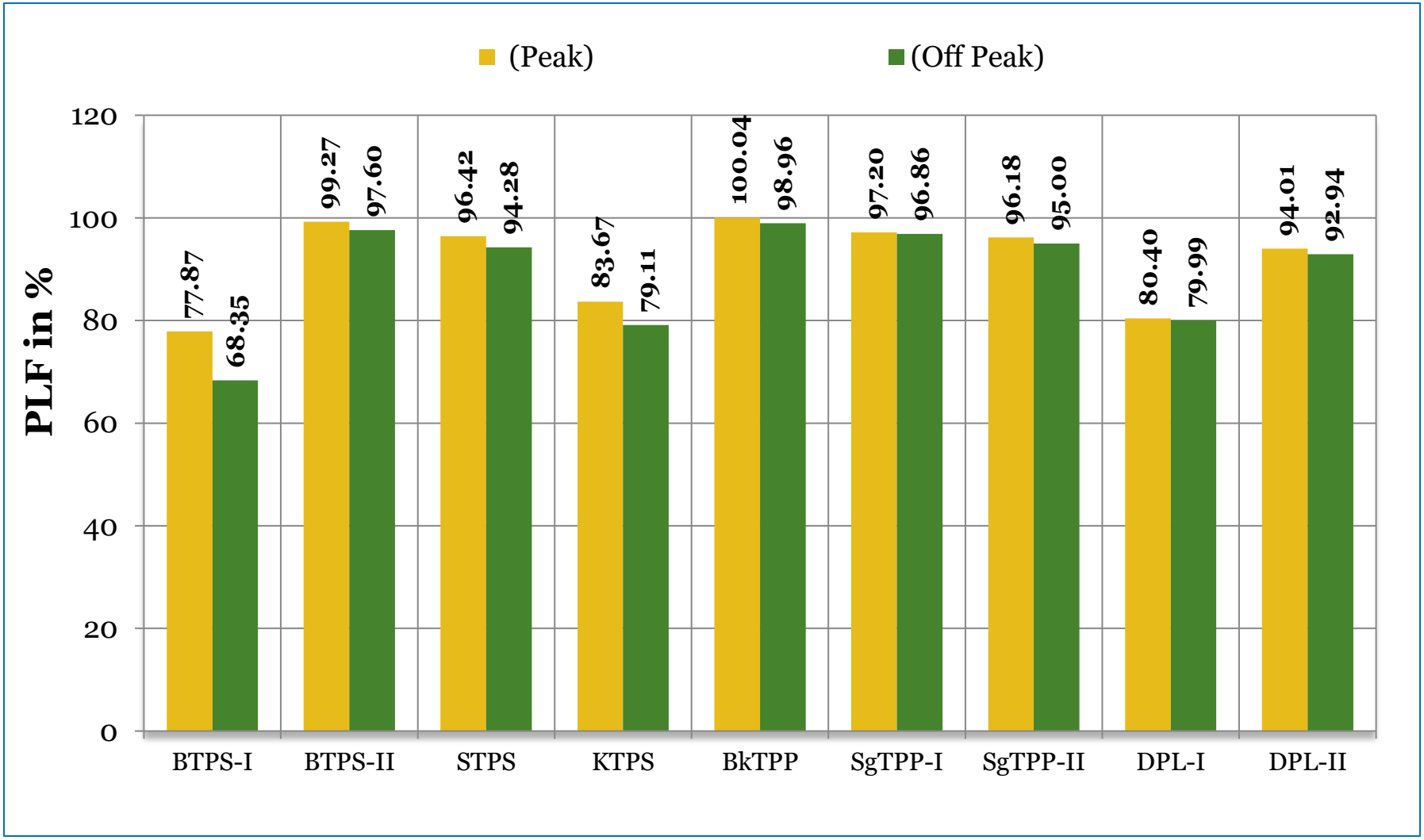
PLF : Achieved Plant Load Factor during the Month (in %)

PLF OF WBPDCL POWER PLANTS FOR LOW DEMAND SEASON (From July-24 to March-25) OF FINANCIAL YEAR 2024-25 IN PEAK & OFF PEAK HOURS



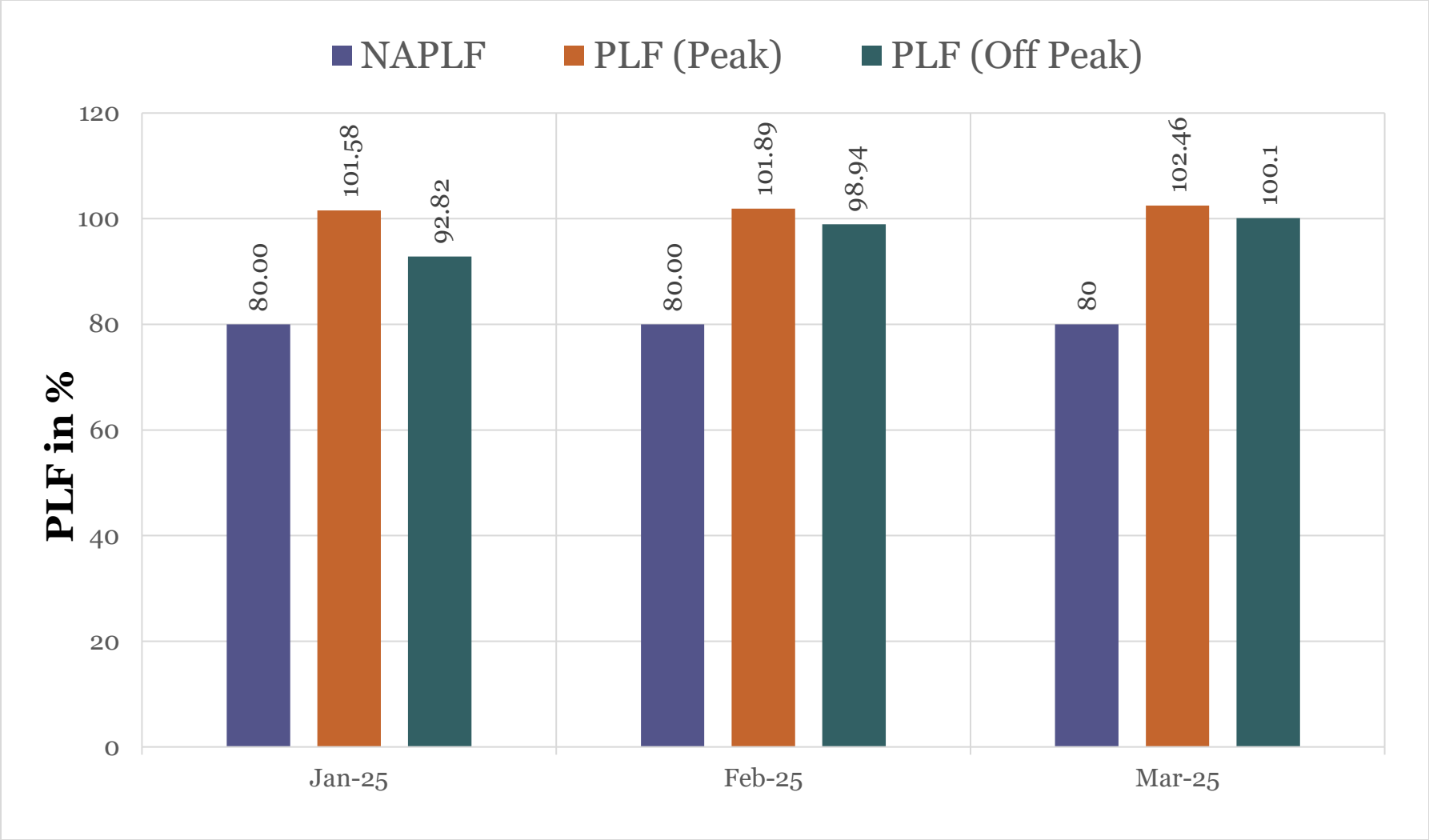
PLF : Plant Load Factor achieved during the FY (in %)

PLF OF WBPDCL POWER PLANTS FOR HIGH DEMAND SEASON (April-24, May-24 and June-24) OF FINANCIAL YEAR 2024-25 IN PEAK & OFF PEAK HOURS



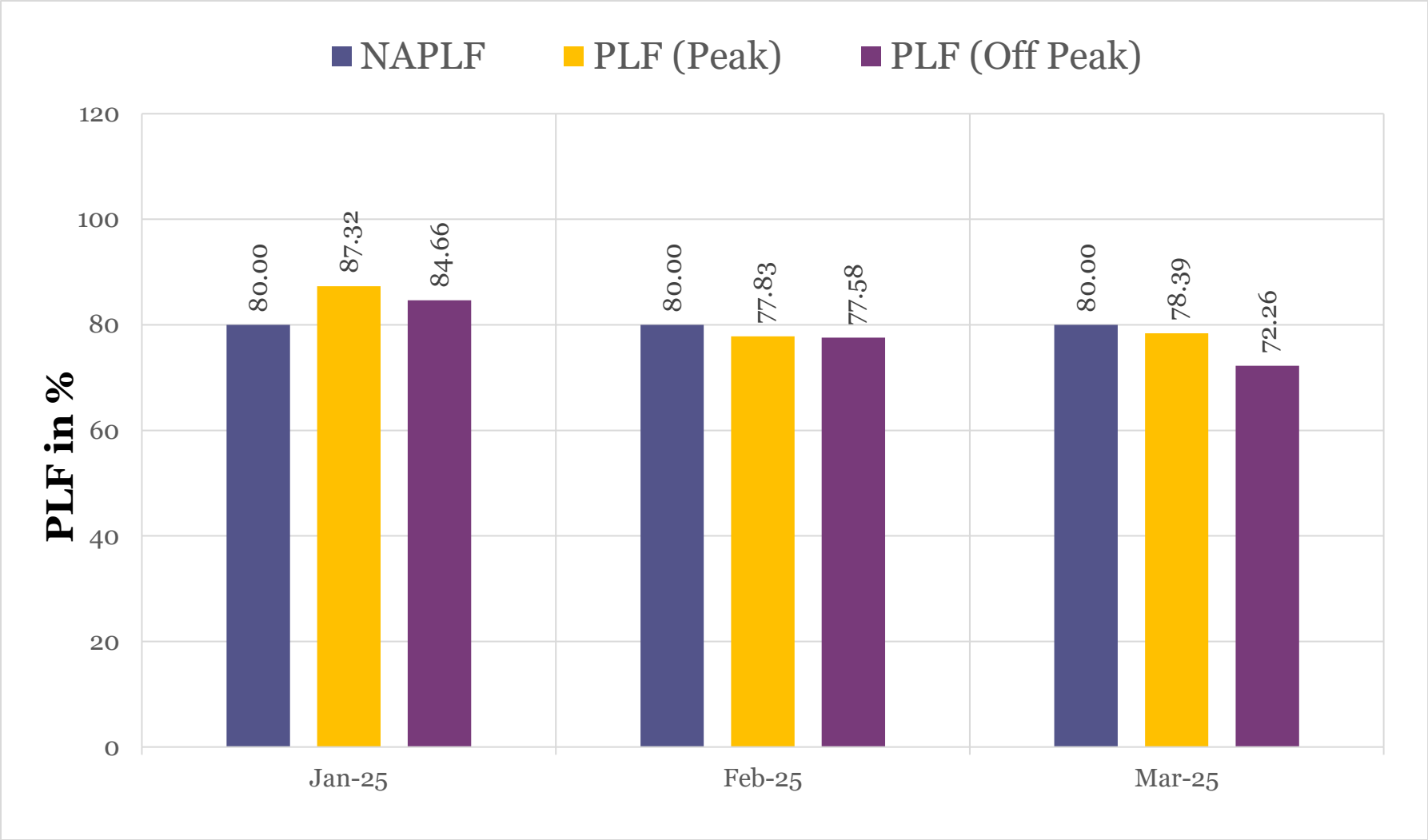
PLF : Plant Load Factor achieved during the FY (in %)

ACHIEVED PLF OF HEL POWER PLANT FOR THE MONTH OF JANUARY, FEBRUARY & MARCH-25 IN PEAK & OFF PEAK HOURS



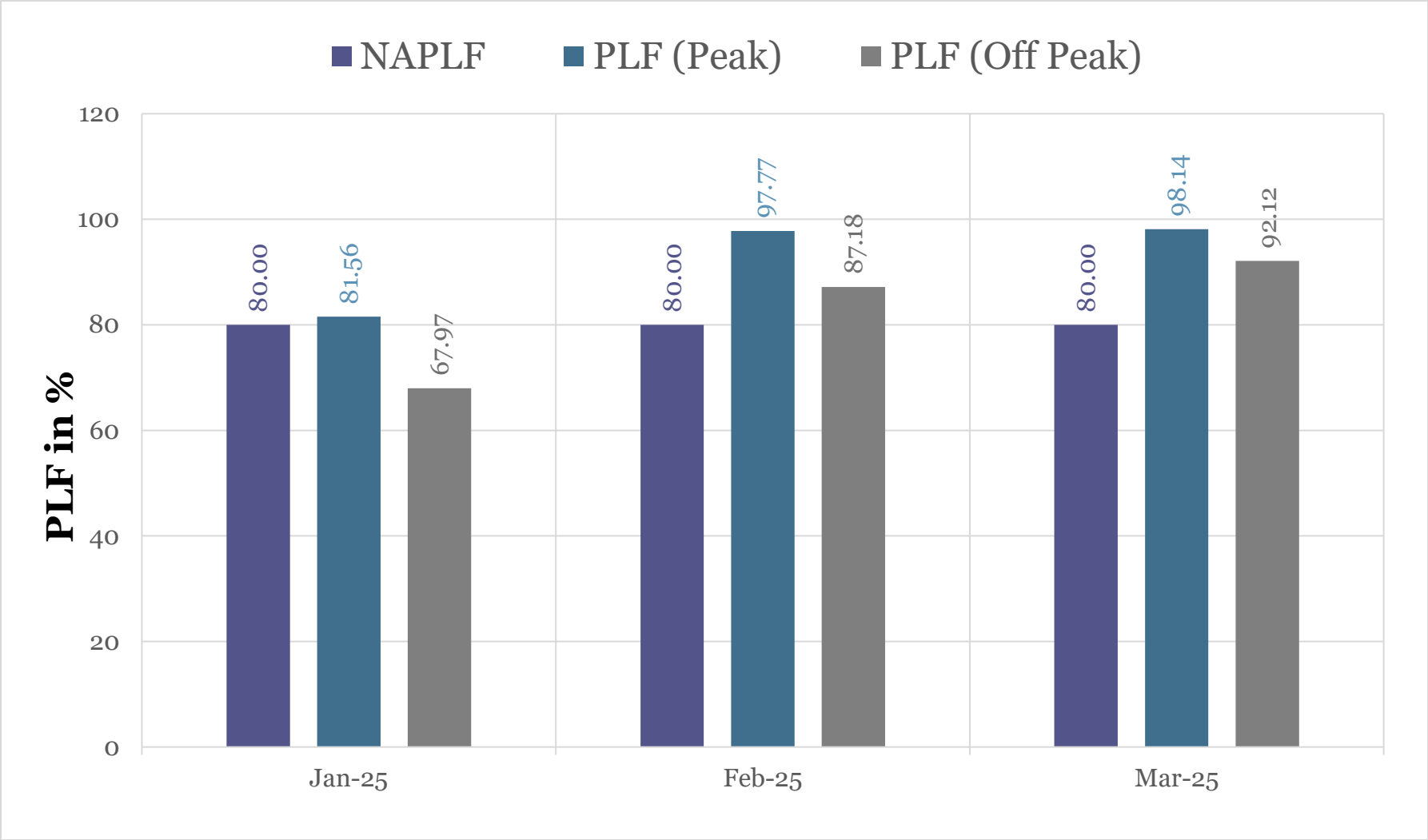
NAPLF : Normative Annual Plant Load Factor (in %)
PLF : Achieved Plant Load Factor during the Month(in %)

ACHIEVED PLF OF HirEL POWER PLANT FOR THE MONTH OF JANUARY, FEBRUARY & MARCH-25 IN PEAK & OFF PEAK HOURS



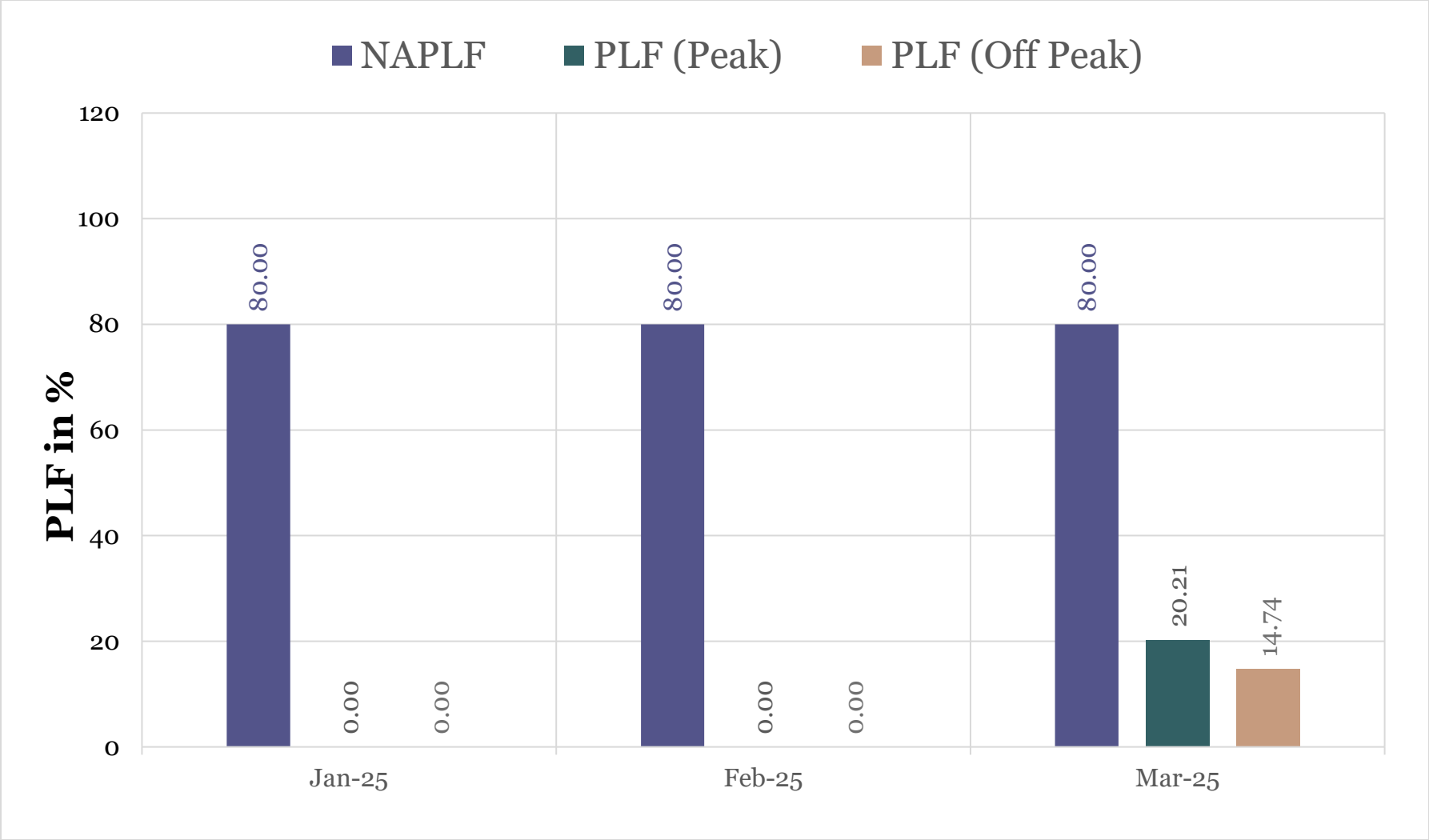
NAPLF : Normative Annual Plant Load Factor (in %)
PLF : Achieved Plant Load Factor during the Month(in %)

ACHIEVED PLF OF BUDGE-BUDGE POWER PLANT FOR THE MONTH OF JANUARY, FEBRUARY & MARCH-25 IN PEAK & OFF PEAK HOURS



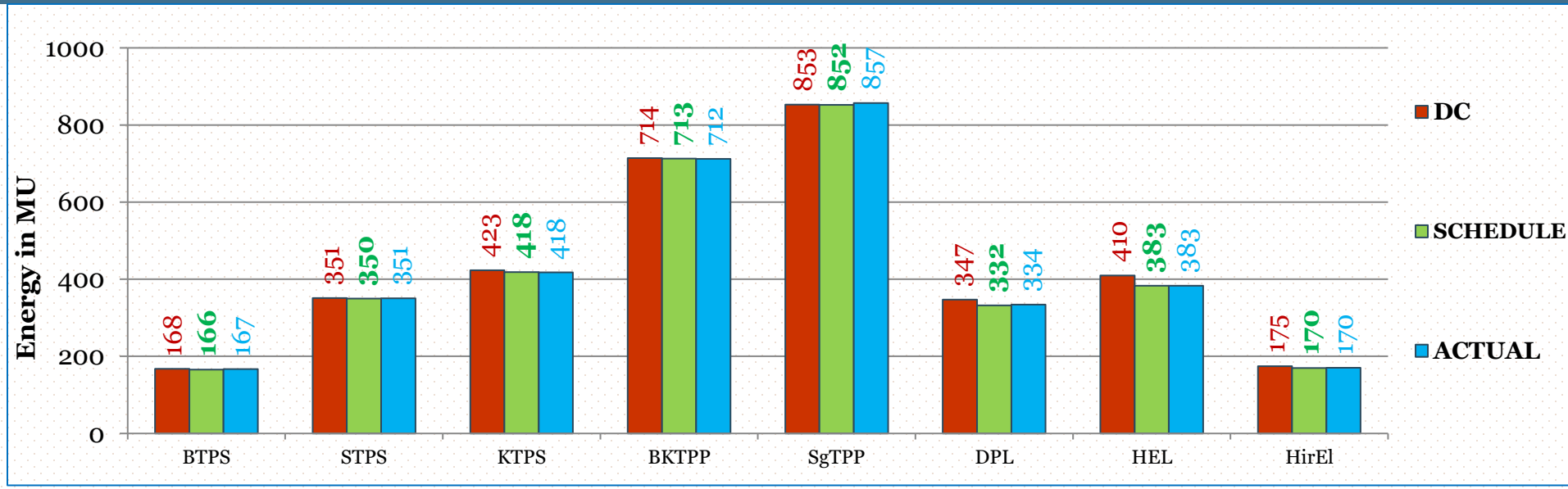
NAPLF : Normative Annual Plant Load Factor (in %)
PLF : Achieved Plant Load Factor during the Month(in %)

ACHIEVED PLF OF SOUTHERN POWER PLANT FOR THE MONTH OF JANUARY, FEBRUARY & MARCH-25 IN PEAK & OFF PEAK HOURS

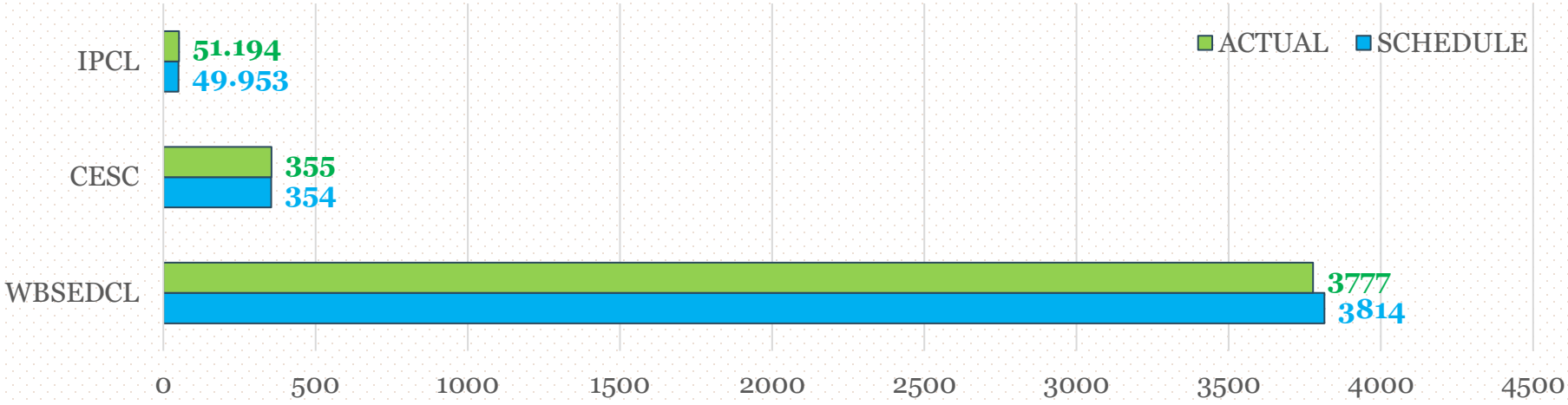


NAPLF : Normative Annual Plant Load Factor (in %)
PLF : Achieved Plant Load Factor during the Month(in %)

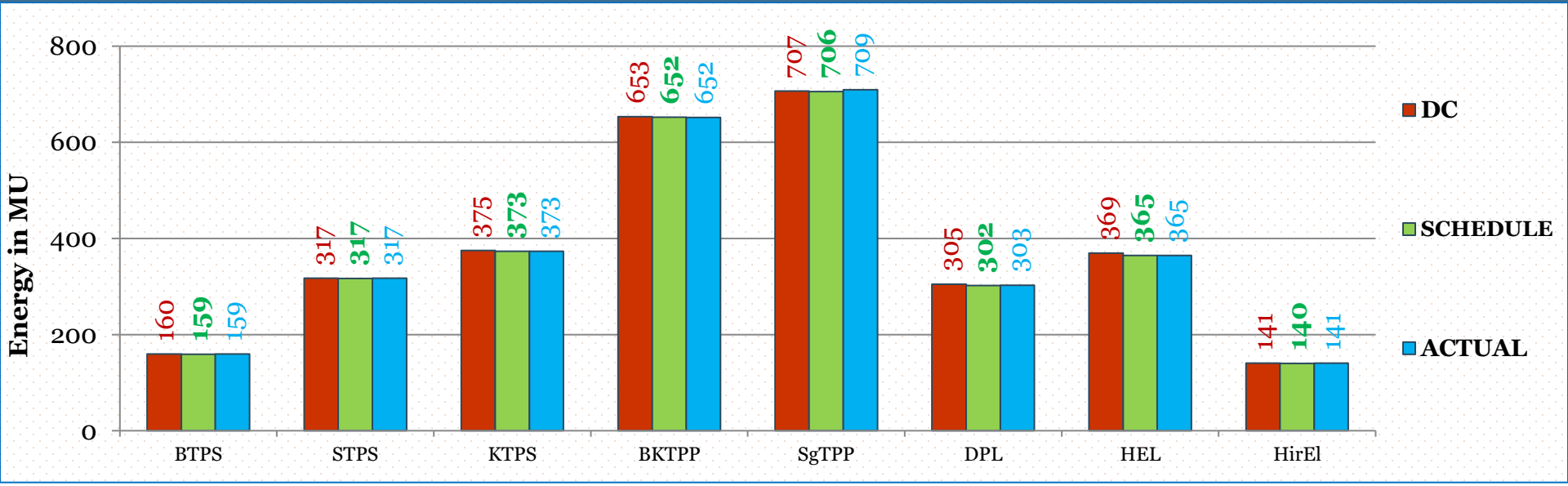
DC, SCHEDULE and ACTUAL of Generating Stations in MU for JANUARY-2025



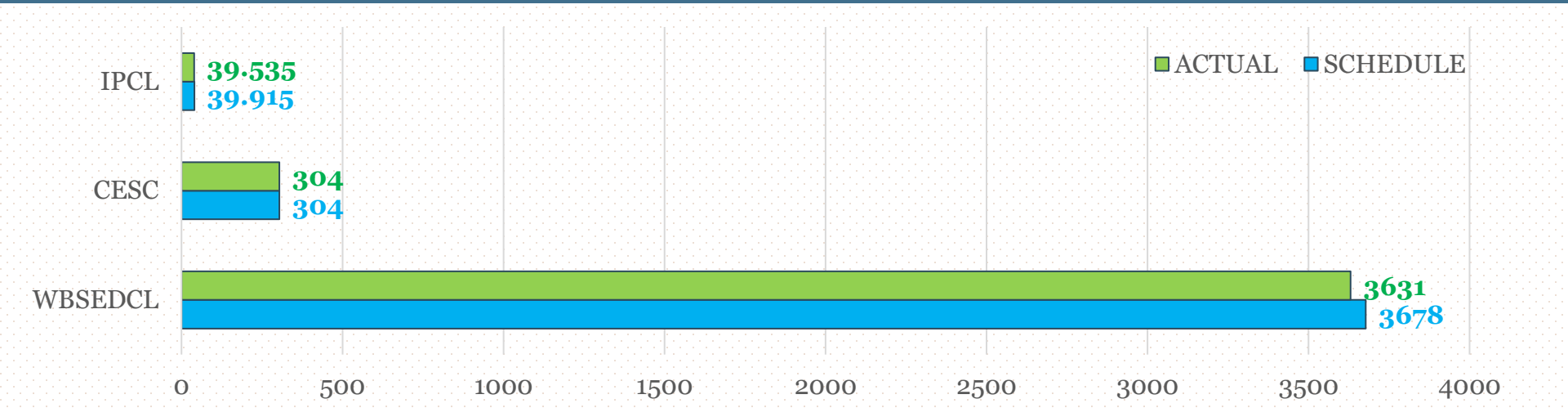
SCHEDULE and ACTUAL of DISCOMs in MU for JANUARY-2025



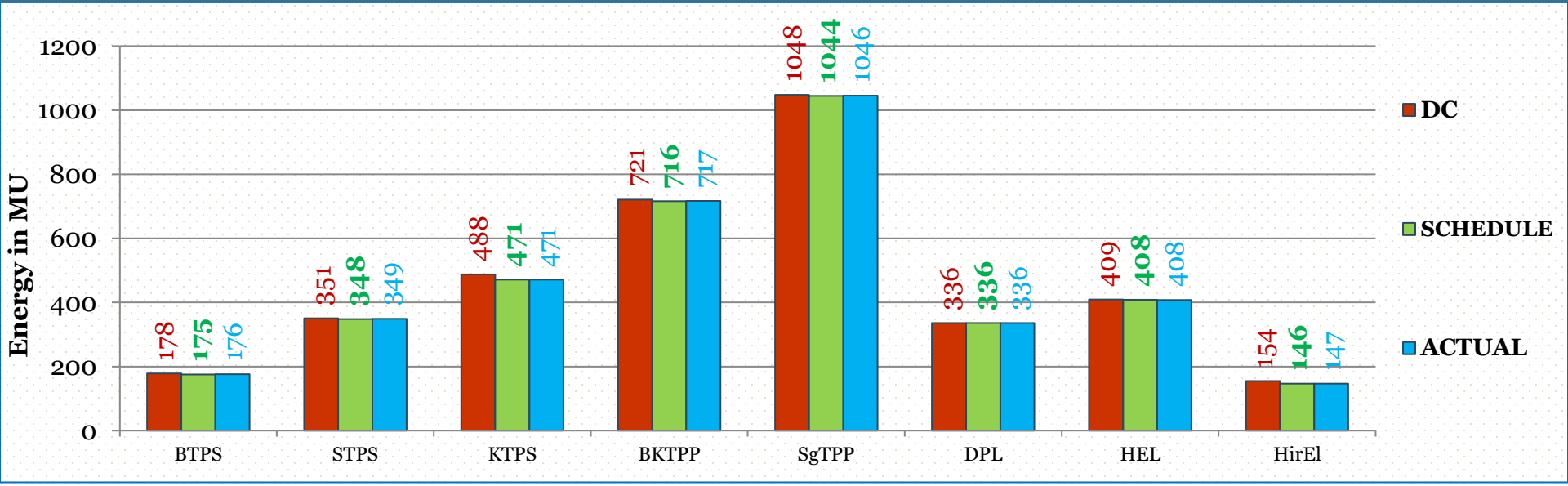
DC, SCHEDULE and ACTUAL of Generating Stations in MU for FEBRUARY-2025



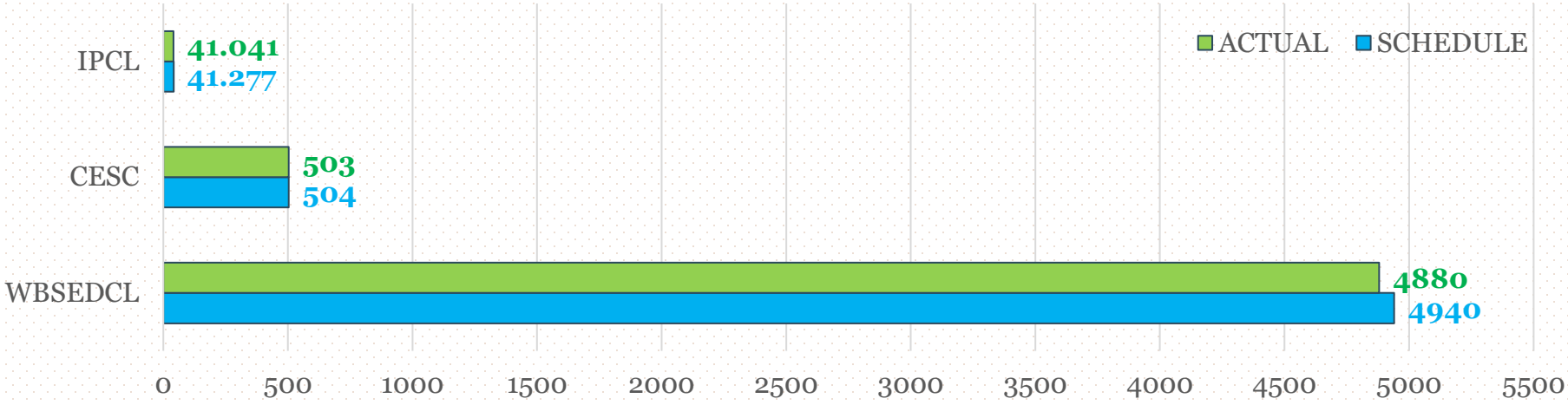
SCHEDULE and ACTUAL of DISCOMs in MU for FEBRUARY-2025



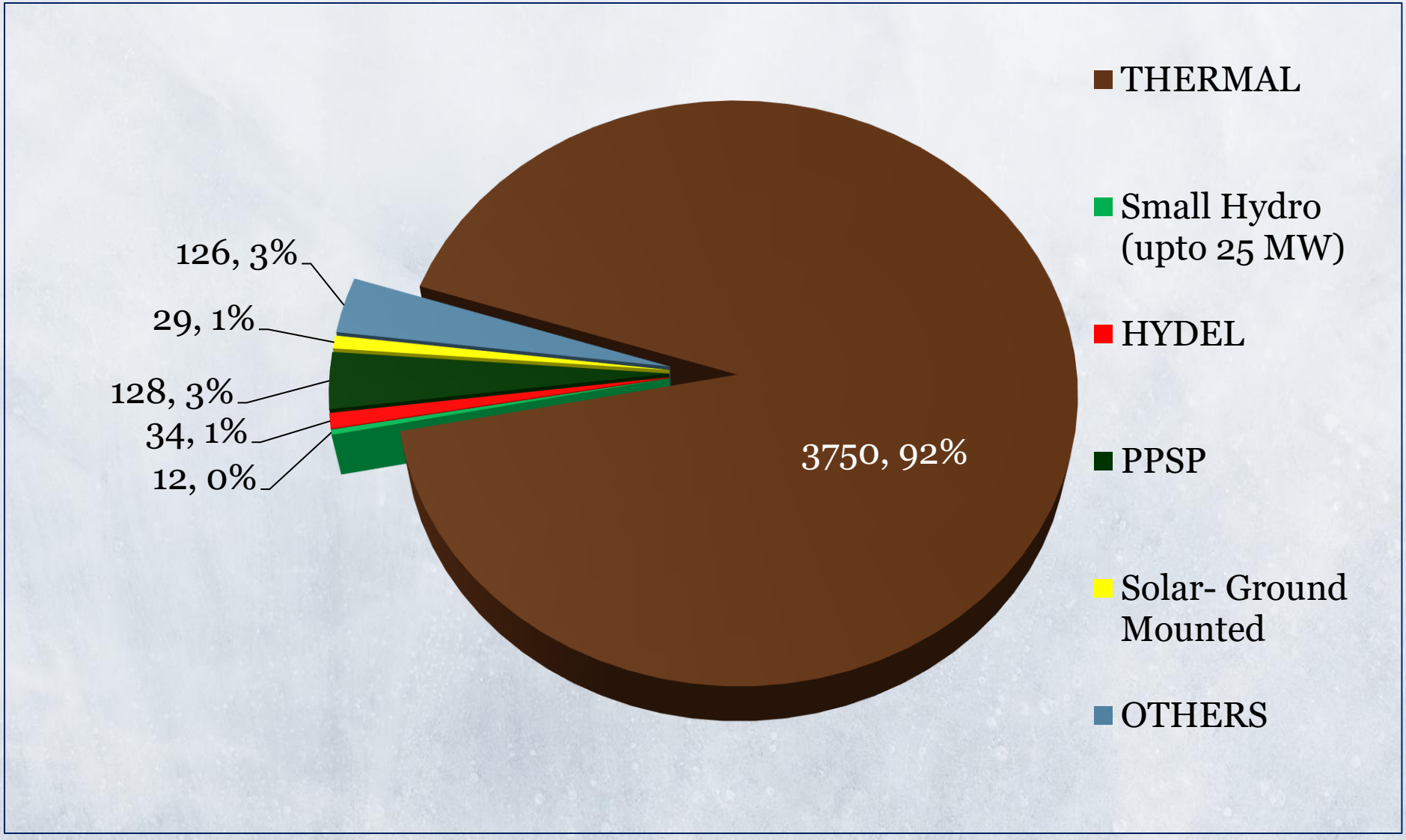
DC, SCHEDULE and ACTUAL of Generating Stations in MU for MARCH-2025



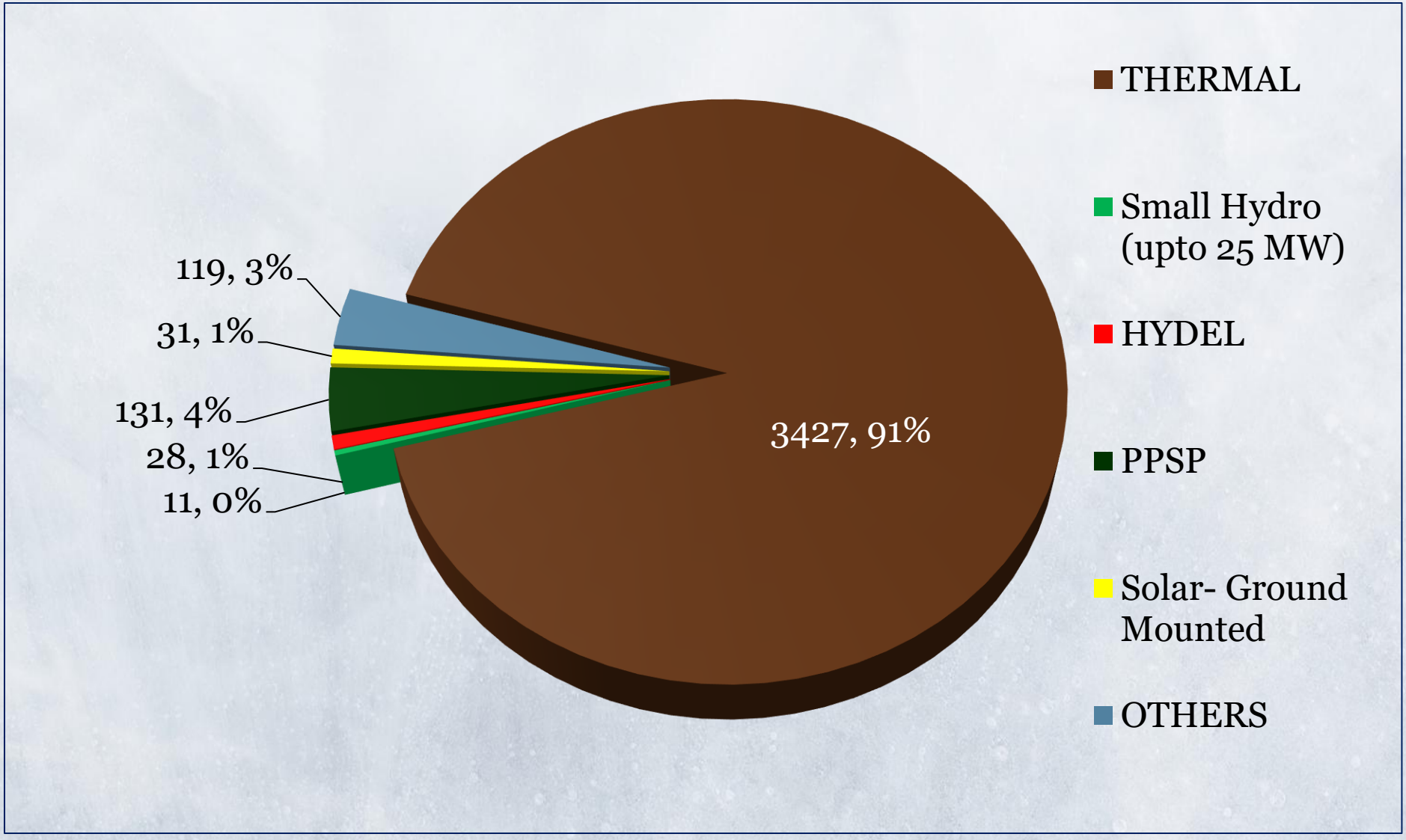
SCHEDULE and ACTUAL of DISCOMs in MU for MARCH-2025



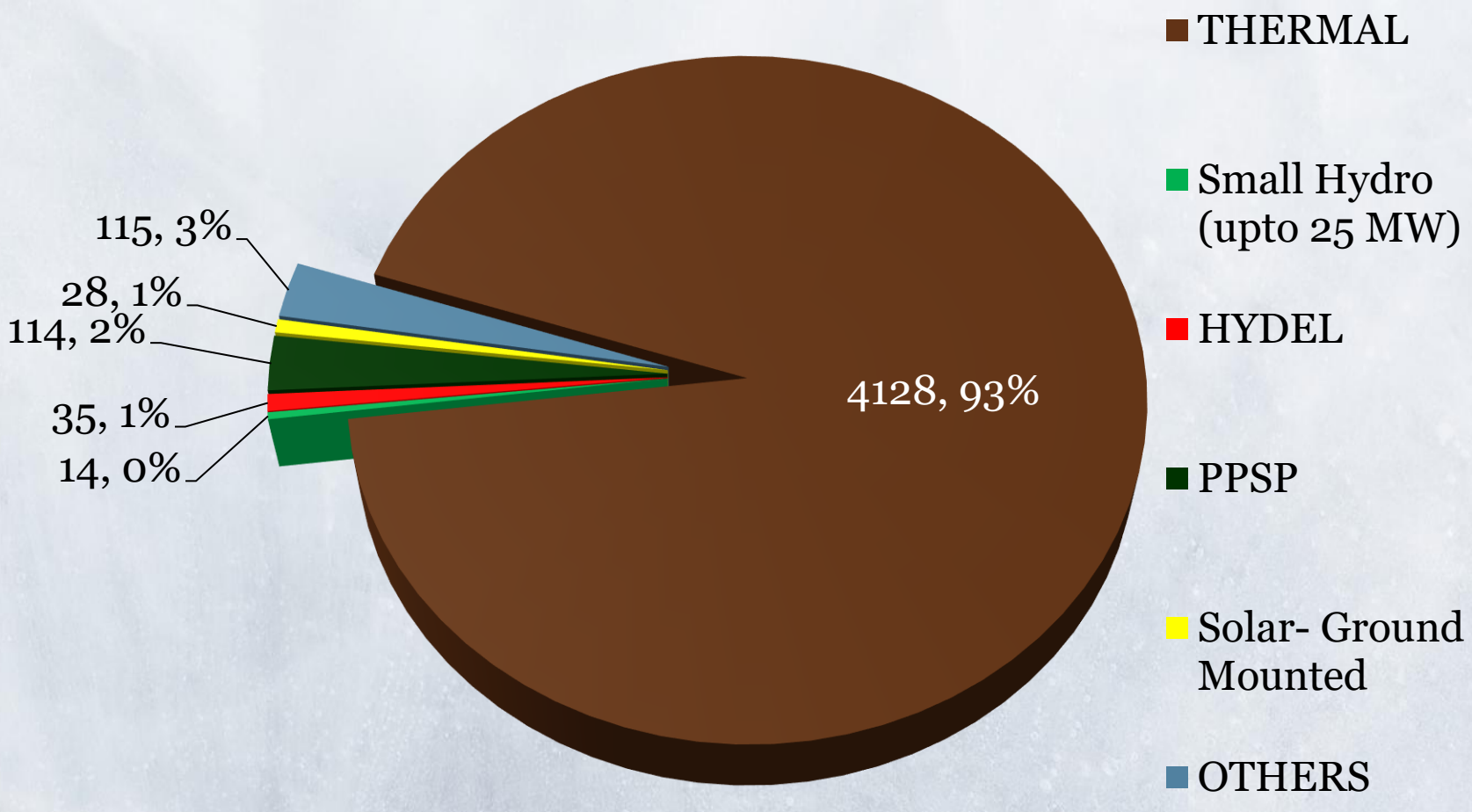
STATE GENERATION (SENT OUT) IN MU FOR THE MONTH OF JANUARY-2025.



STATE GENERATION (SENT OUT) IN MU FOR THE MONTH OF FEBRUARY-2025

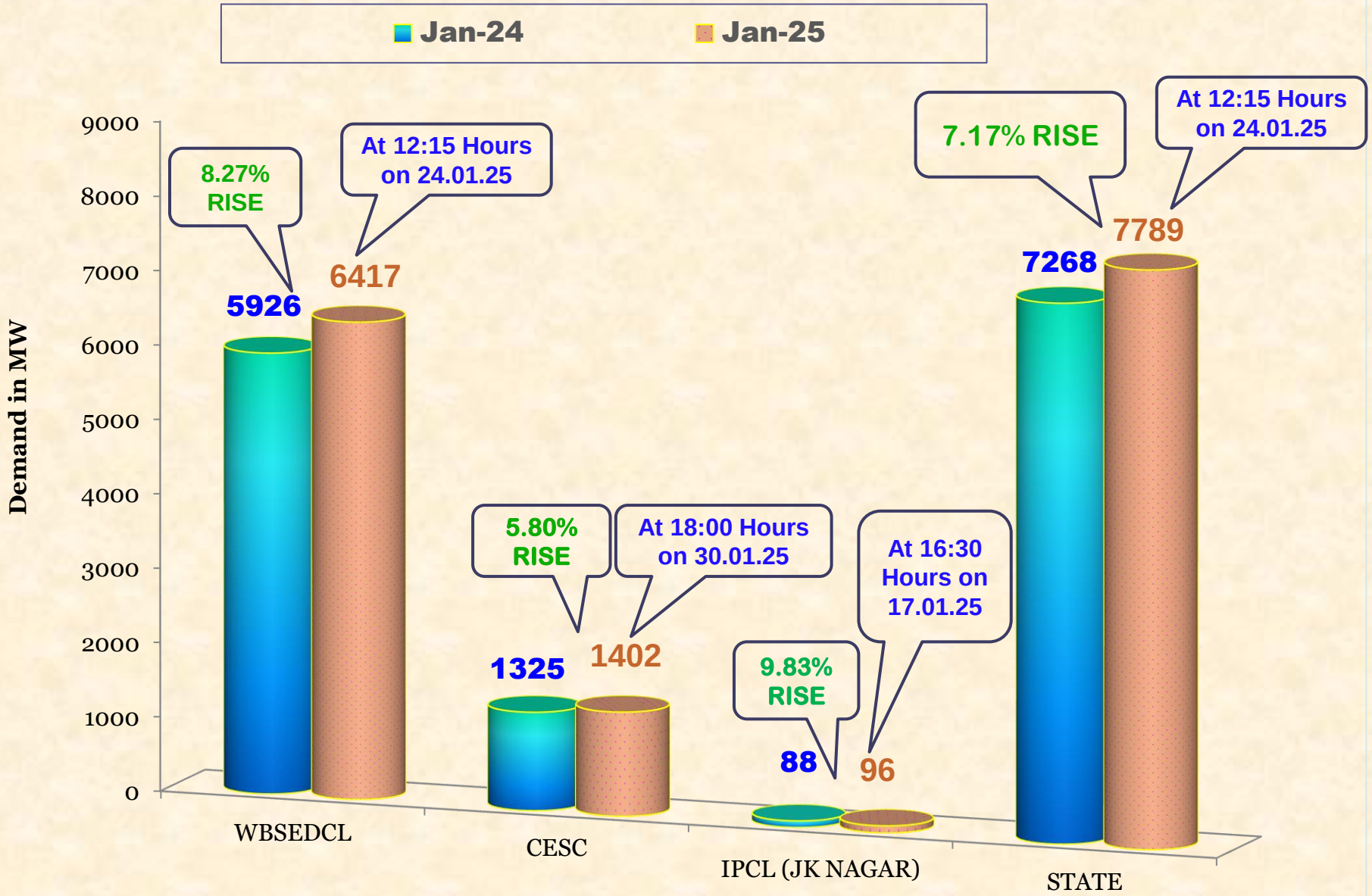


STATE GENERATION (SENT OUT) IN MU FOR THE MONTH OF MARCH-2025.

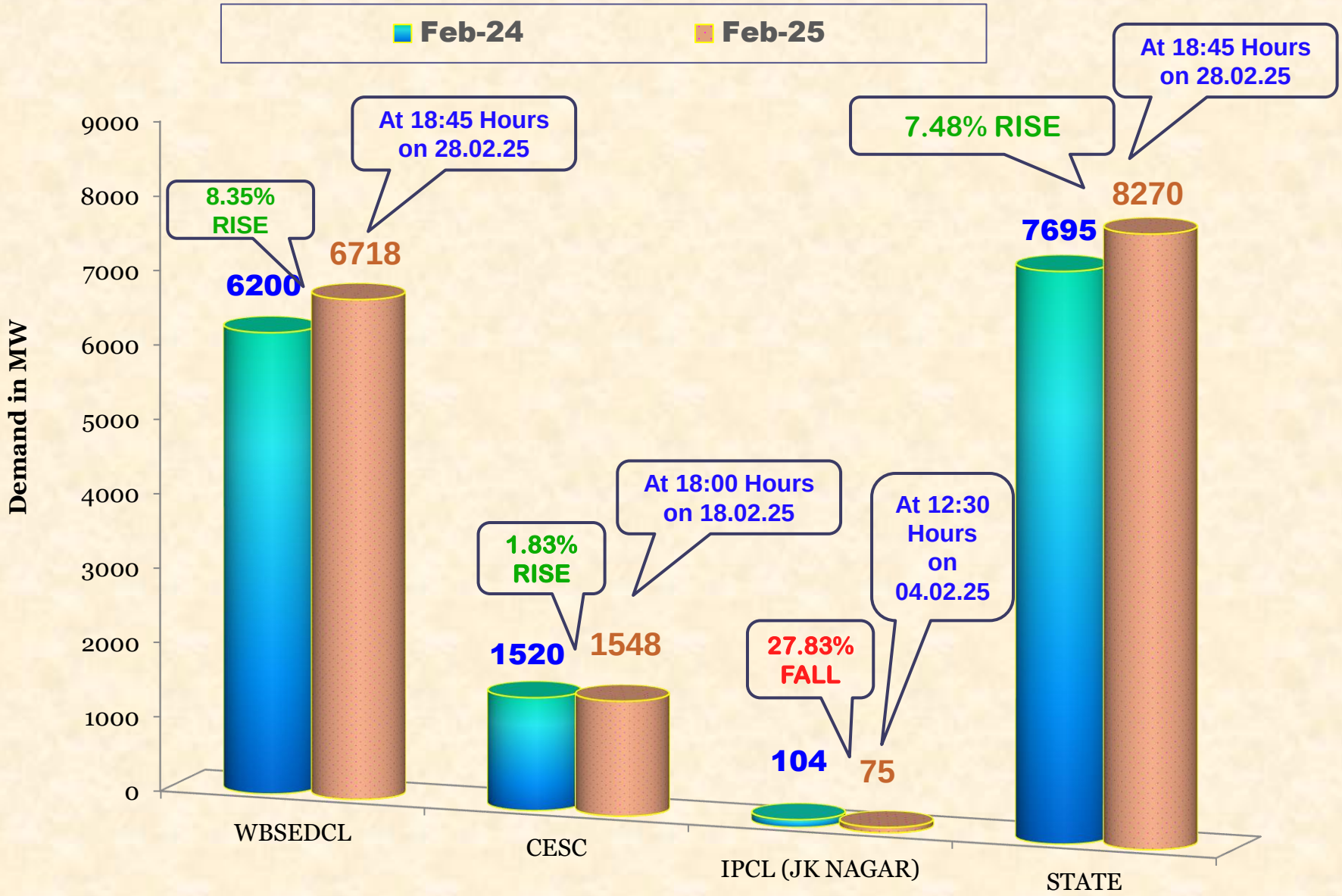


DEMAND SCENARIO

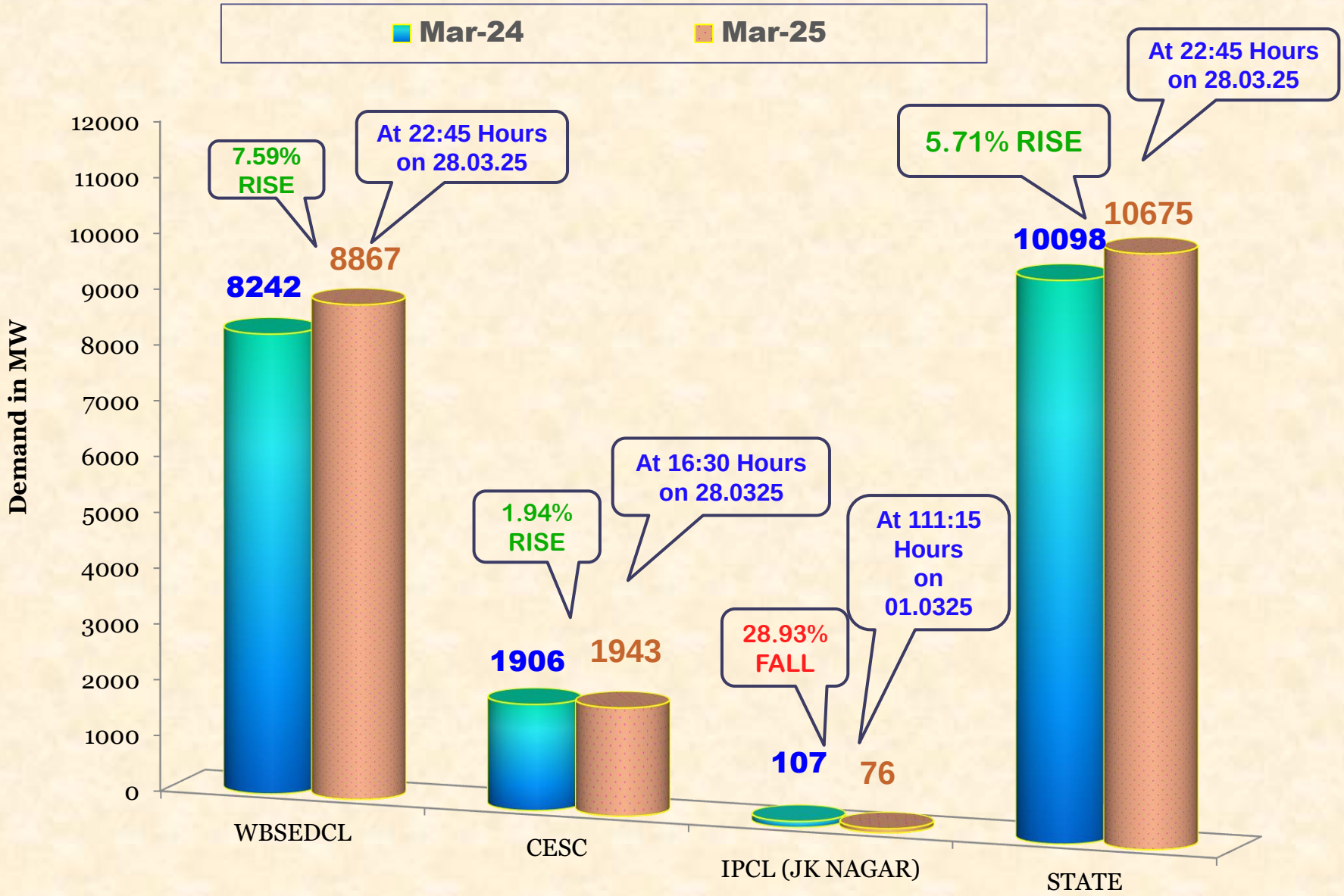
MONTH-WISE MAXIMUM DEMAND (POTENTIAL) in MW during JANUARY-2025



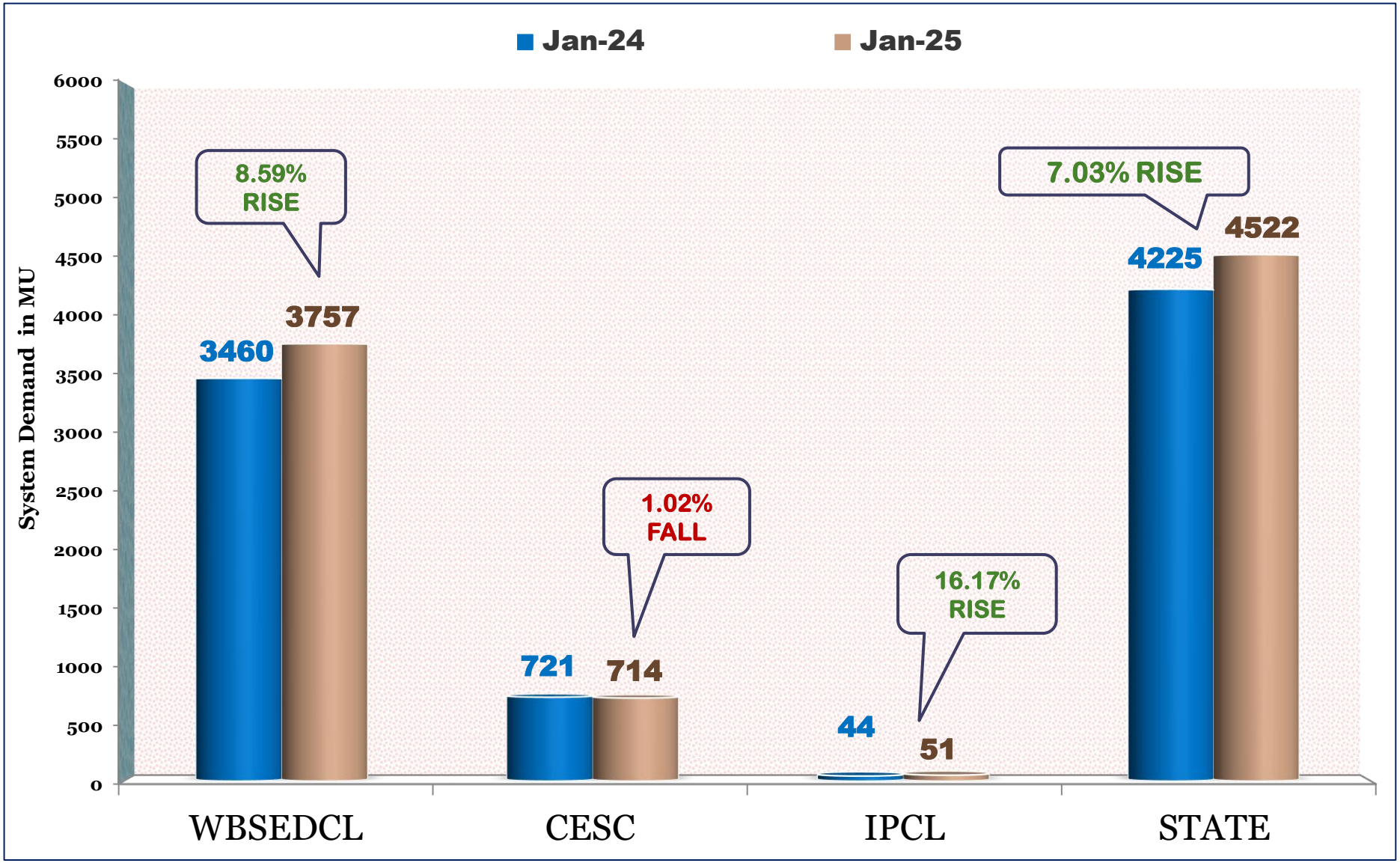
MONTH-WISE MAXIMUM DEMAND (POTENTIAL) in MW during FEBRUARY-2025



MONTH-WISE MAXIMUM DEMAND (POTENTIAL) in MW during MARCH-2025

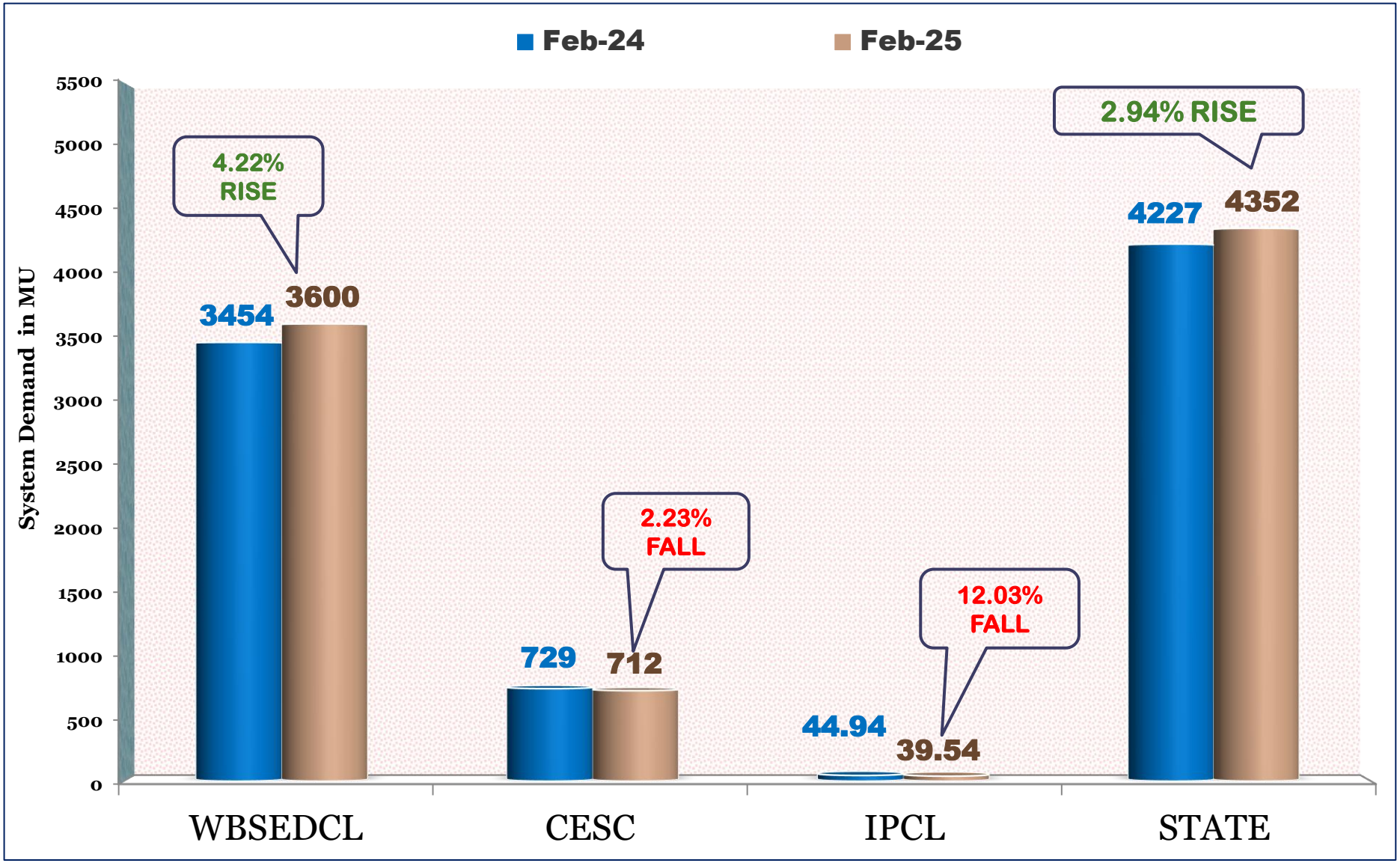


SYSTEM DEMAND POTENTIAL (in MU) IN JANUARY-2024



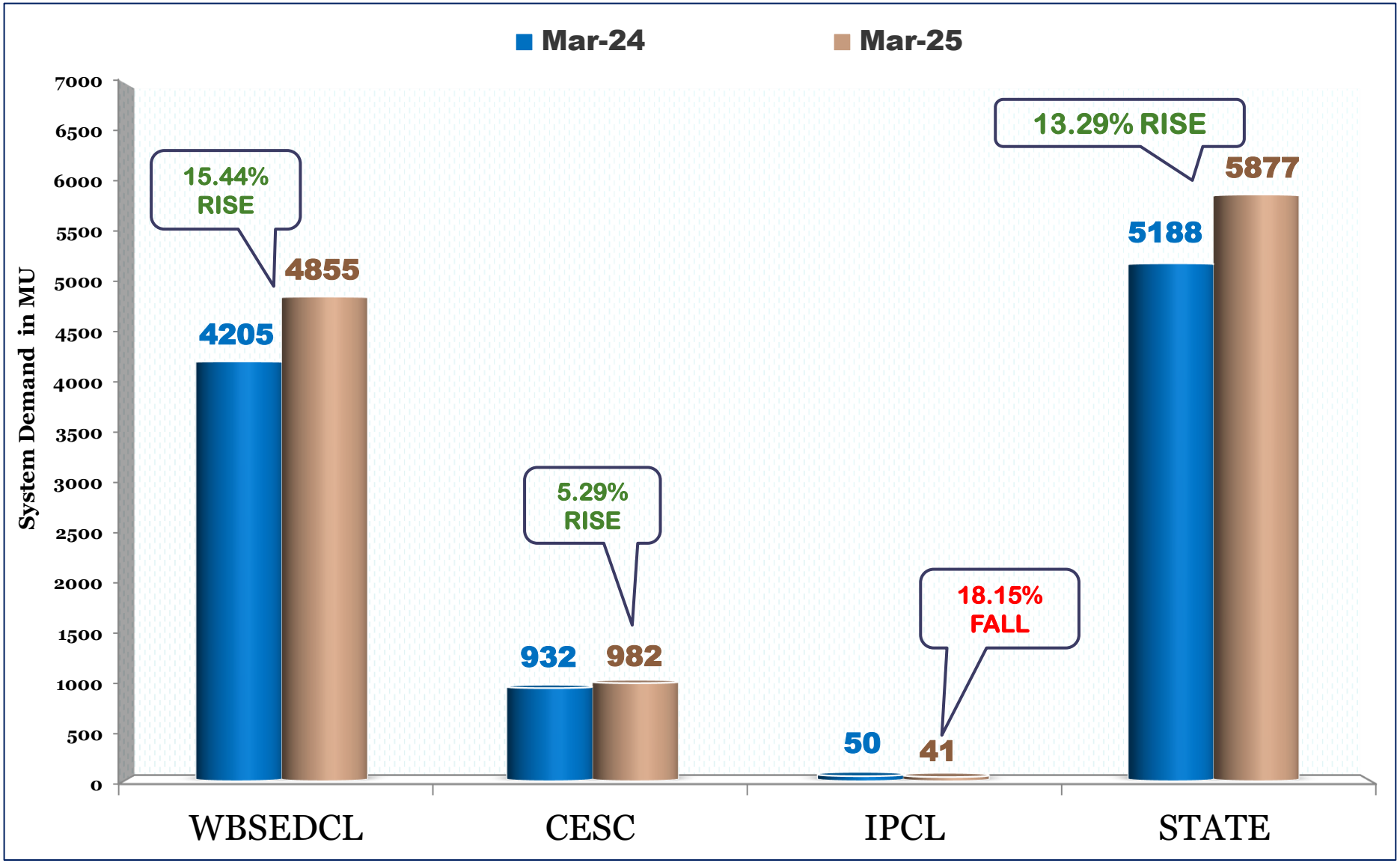
** STATE DEMAND EXCLUDING DVC SERVED AREA

SYSTEM DEMAND POTENTIAL (in MU) IN FEBRUARY-2025



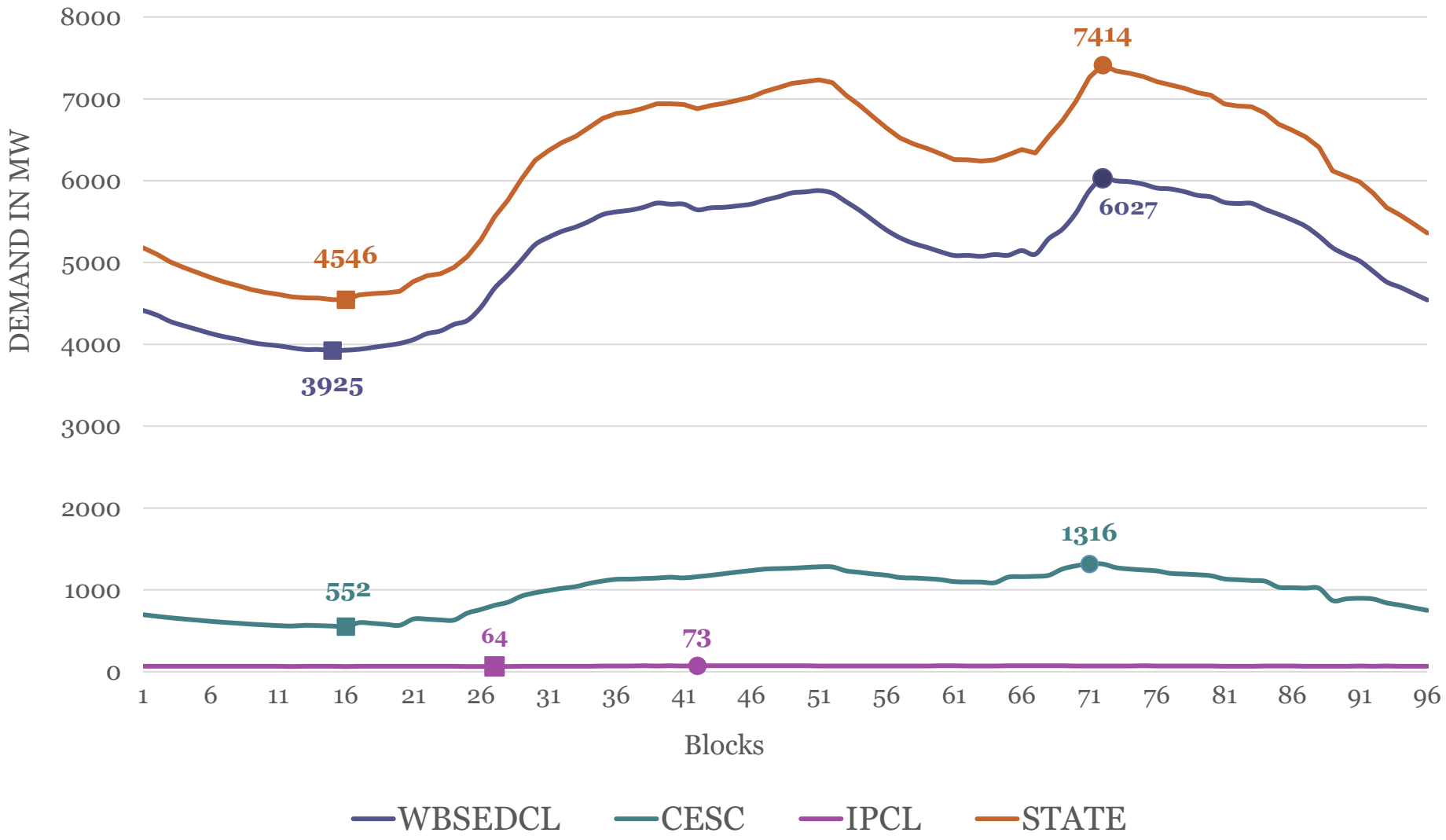
** STATE DEMAND EXCLUDING DVC SERVED AREA

SYSTEM DEMAND POTENTIAL (in MU) IN MARCH-2025

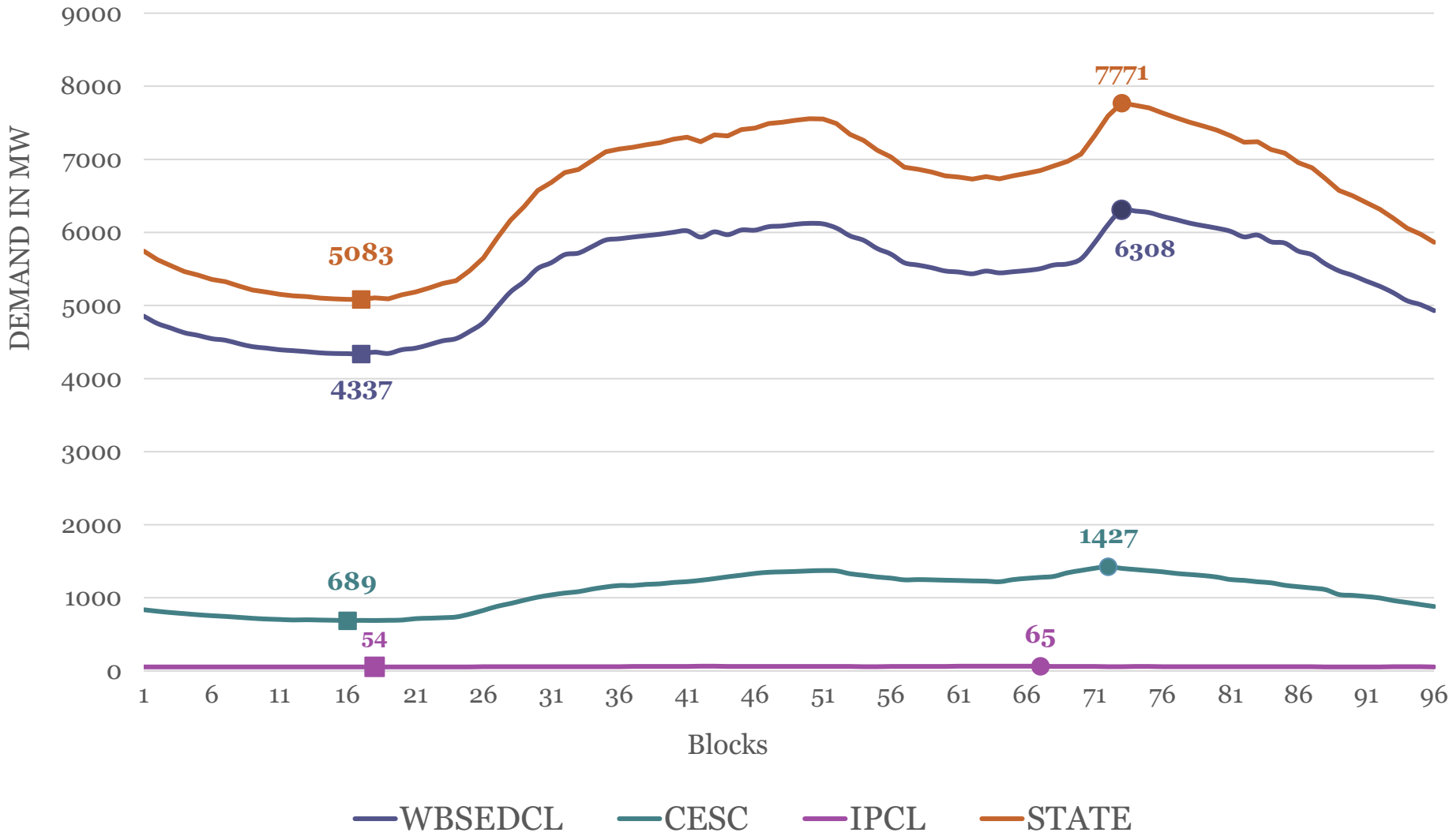


** STATE DEMAND EXCLUDING DVC SERVED AREA

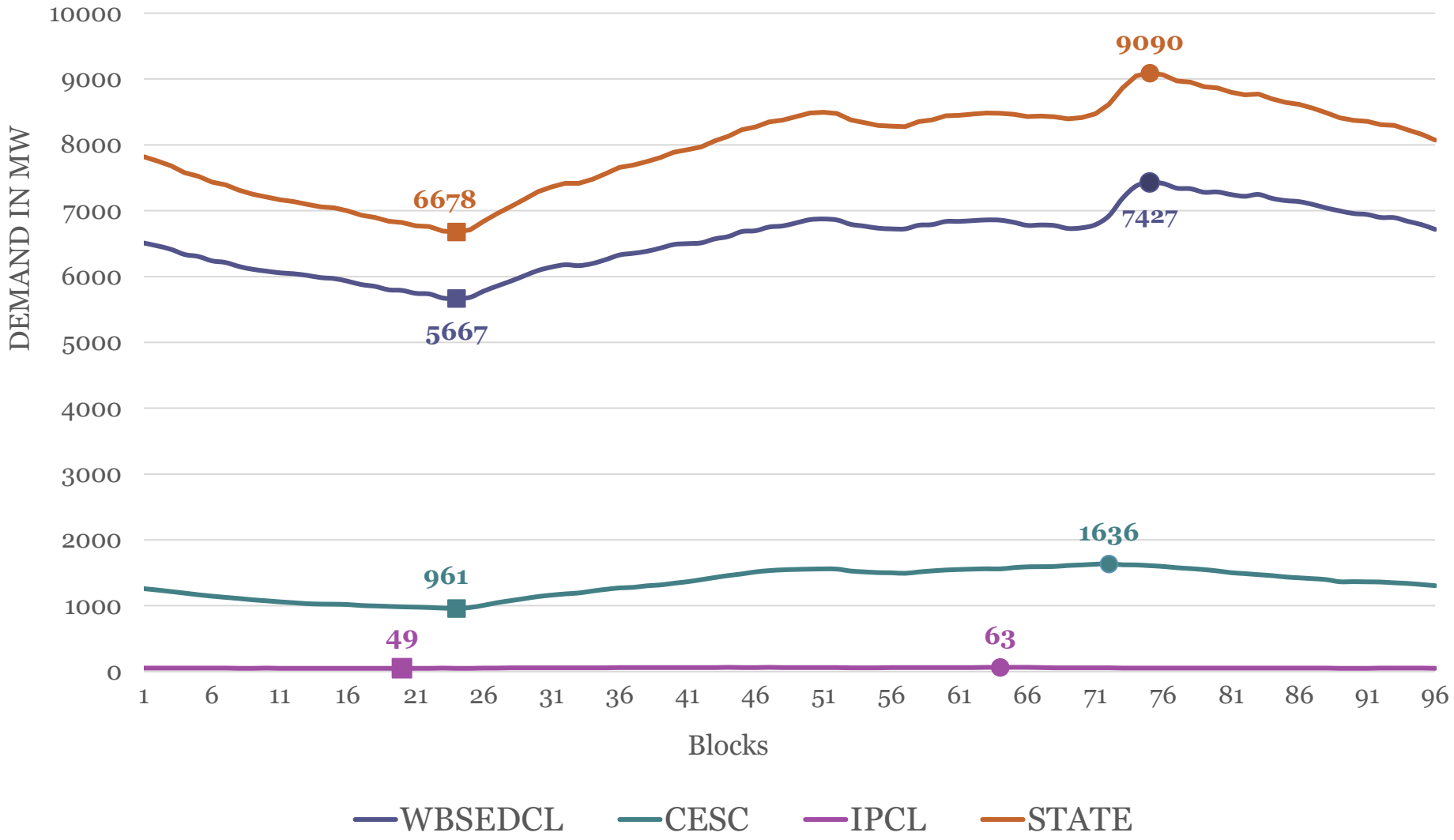
BLOCKWISE LOAD PATTERN(Avg.) OF FOR THE MONTH OF JANUARY-2025 (Weekdays).



BLOCKWISE LOAD PATTERN(Avg.) OF FOR THE MONTH OF FEBRUARY-2025 (Weekdays).

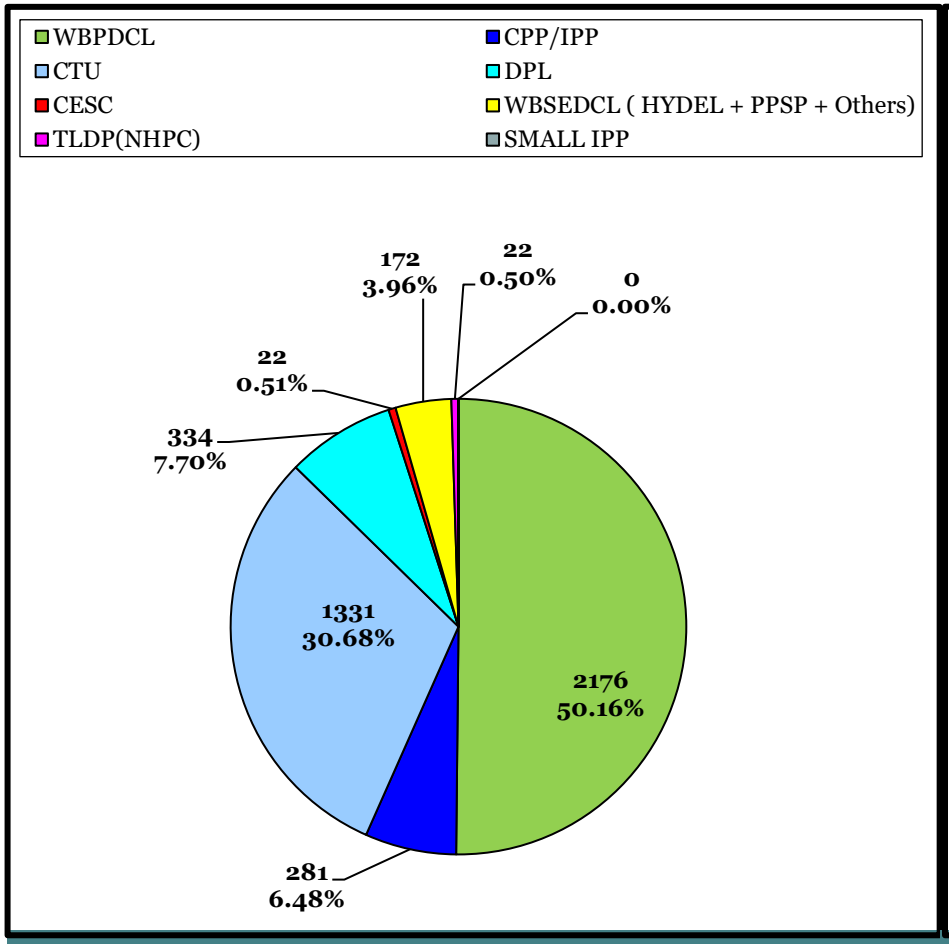


BLOCKWISE LOAD PATTERN(Avg.) OF FOR THE MONTH OF MARCH-2025 (Weekdays).



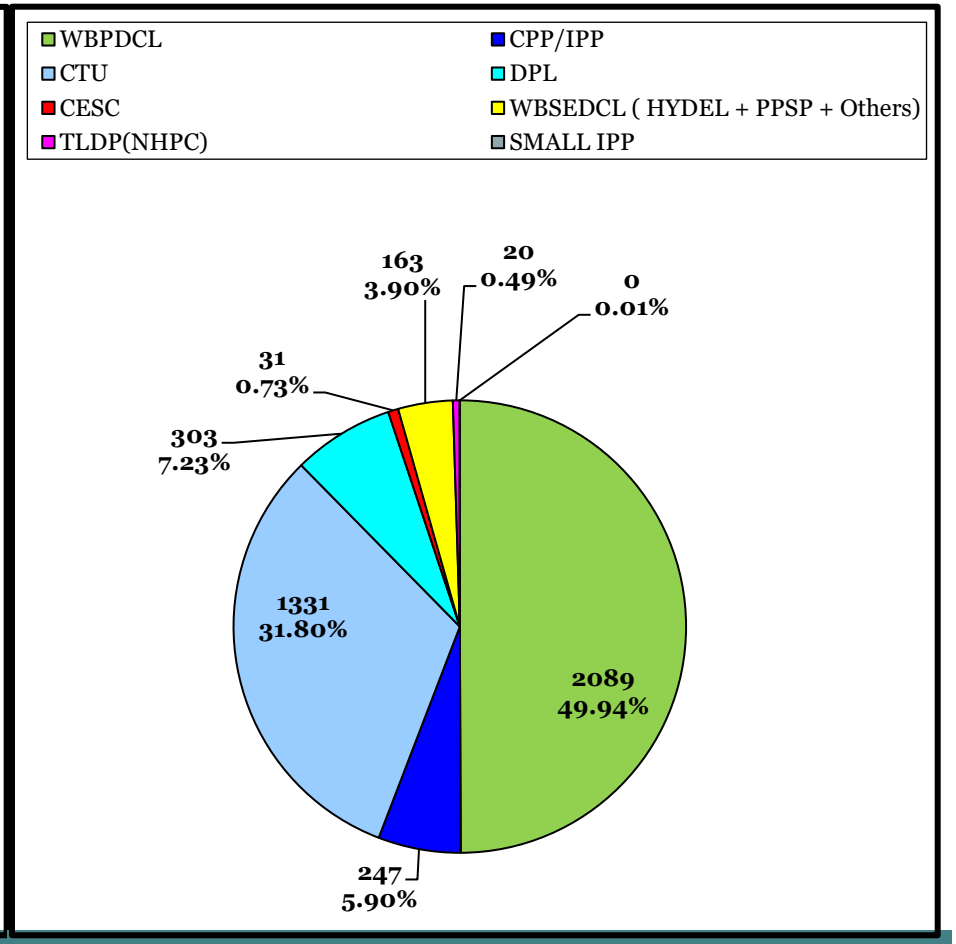
Constituent wise energy injected into WBSETCL system (in MU)

JANUARY-2025



- Total Energy injection into WBSETCL = 4338.362 MU.

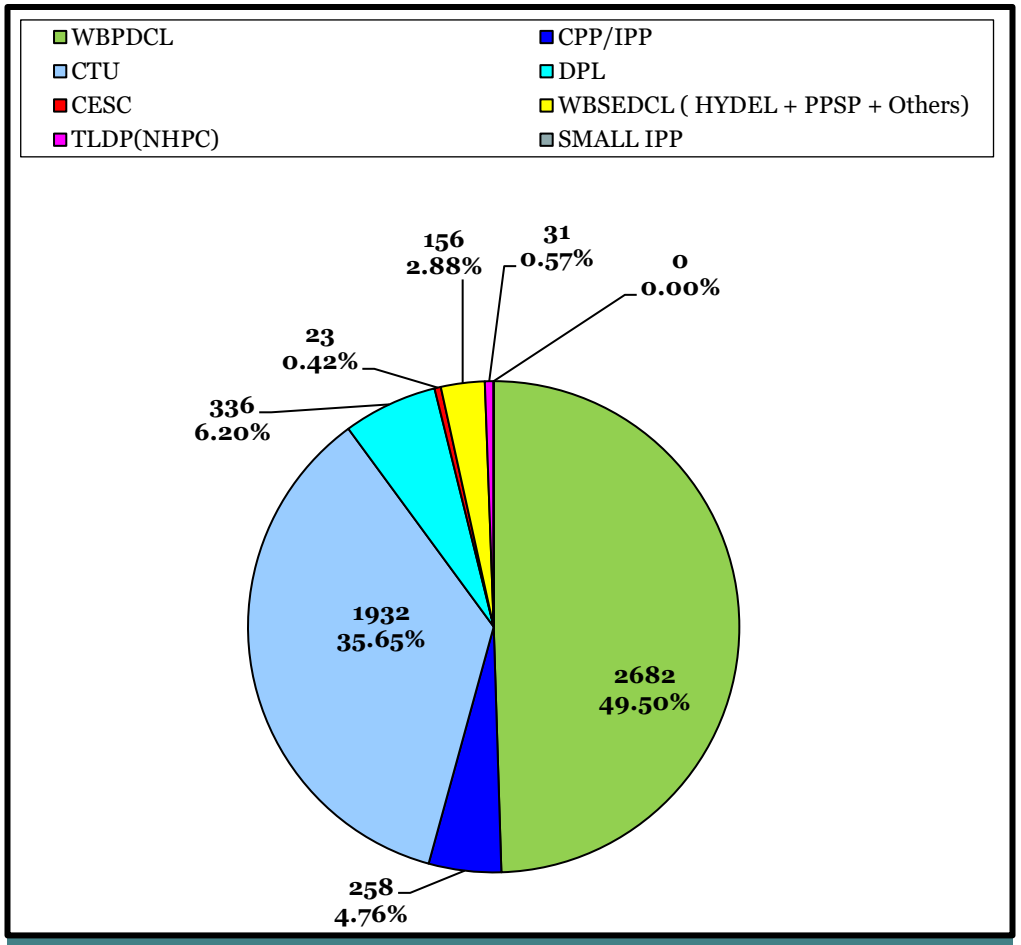
FEBRUARY-2025



- Total Energy injection into WBSETCL = 4184.171 MU.

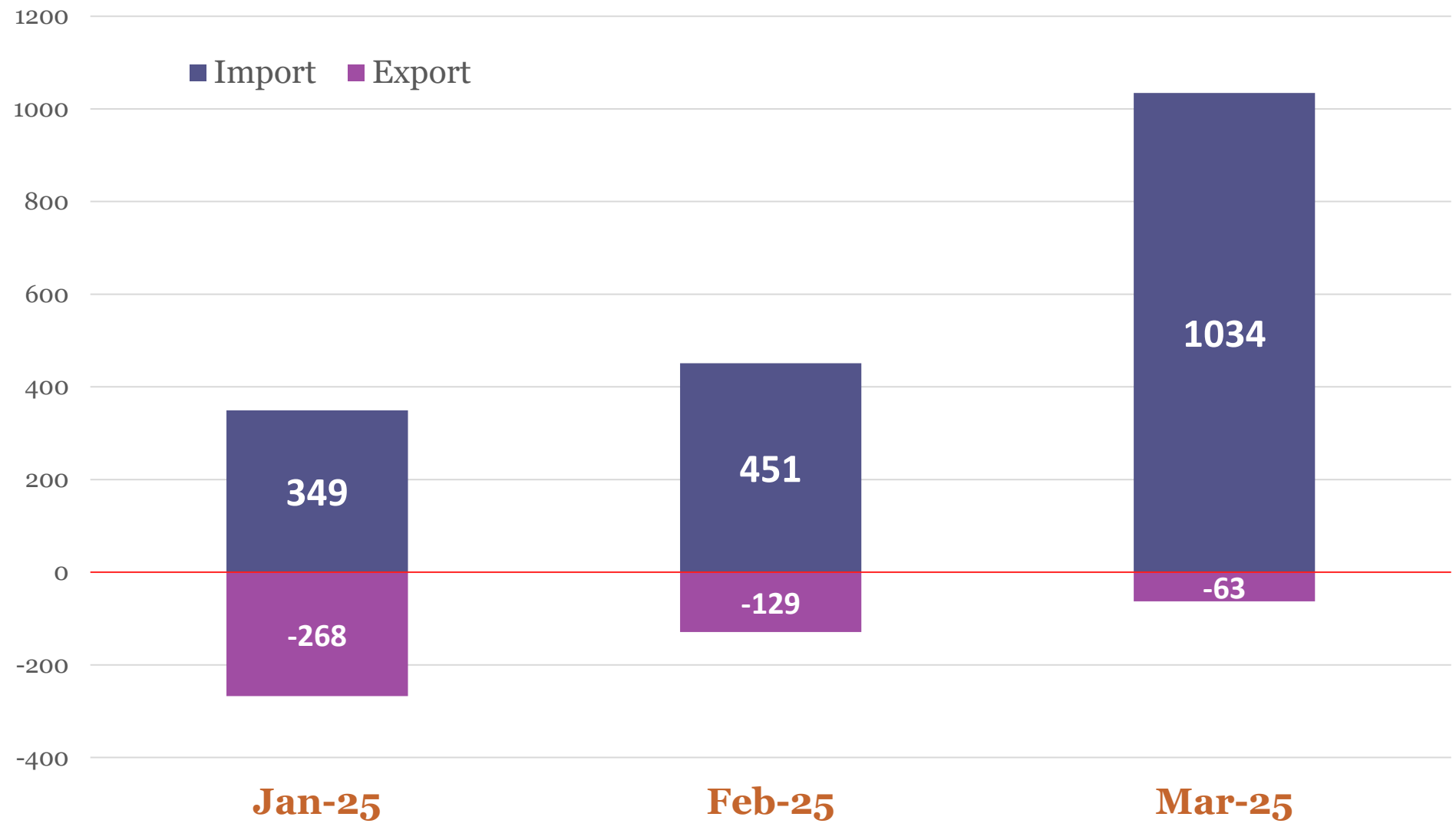
Constituent wise energy injected into WBSETCL system (in MU)

MARCH-2025

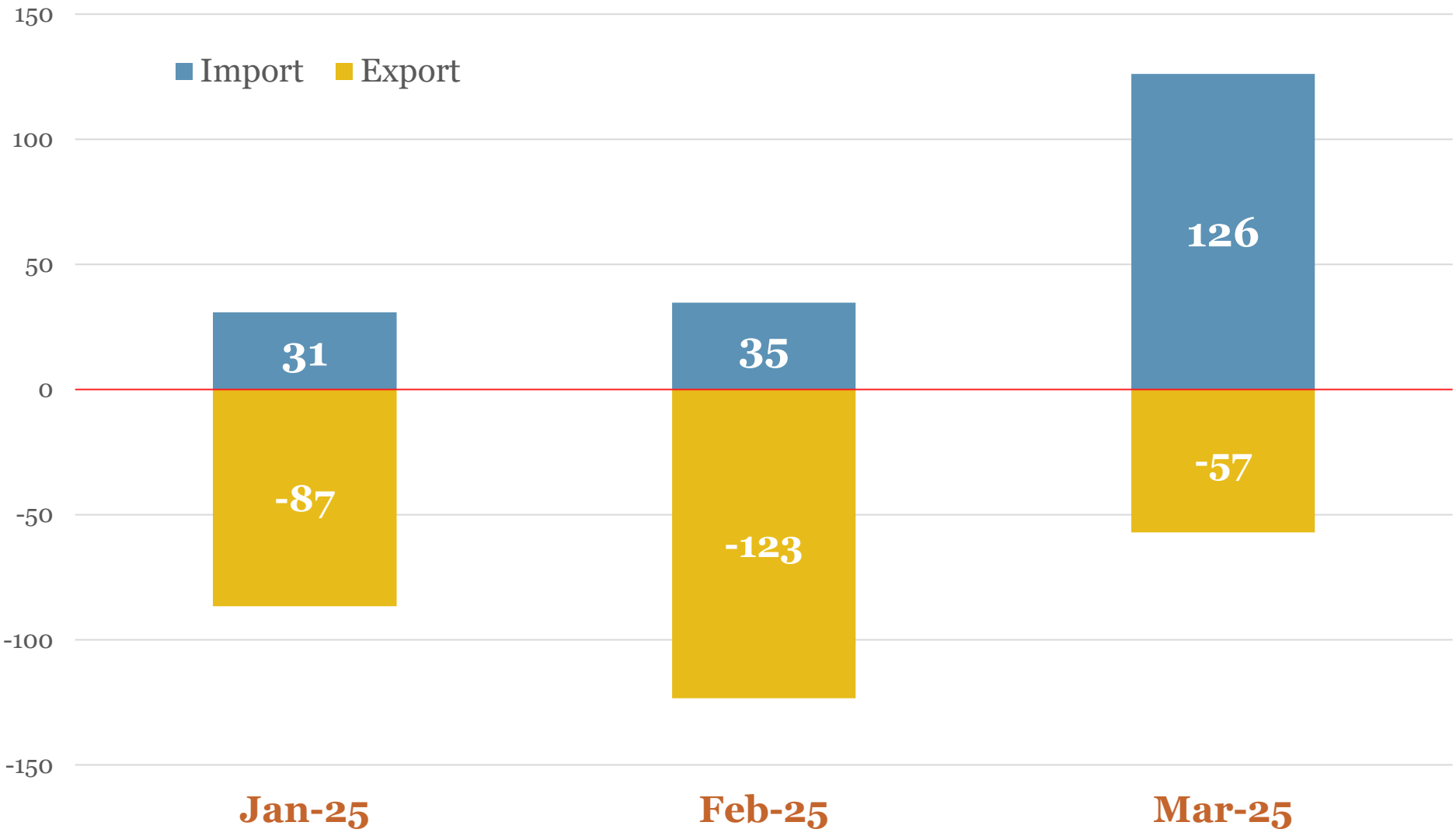


- **Total Energy injection into WBSETCL = 5418.345 MU.**

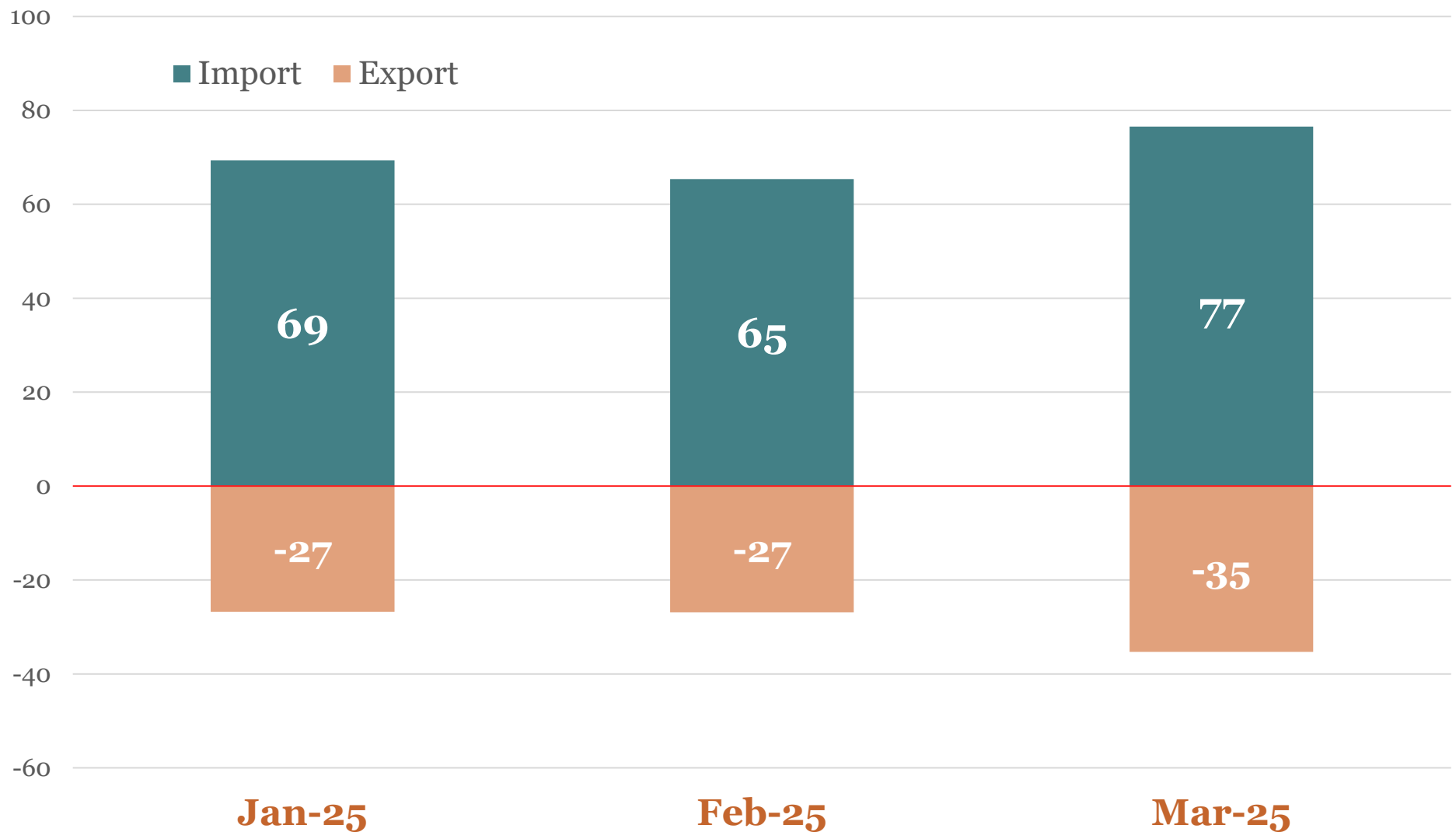
Import and Export in MU of *WBSEDCL* for the month of *January, February and March-2025*



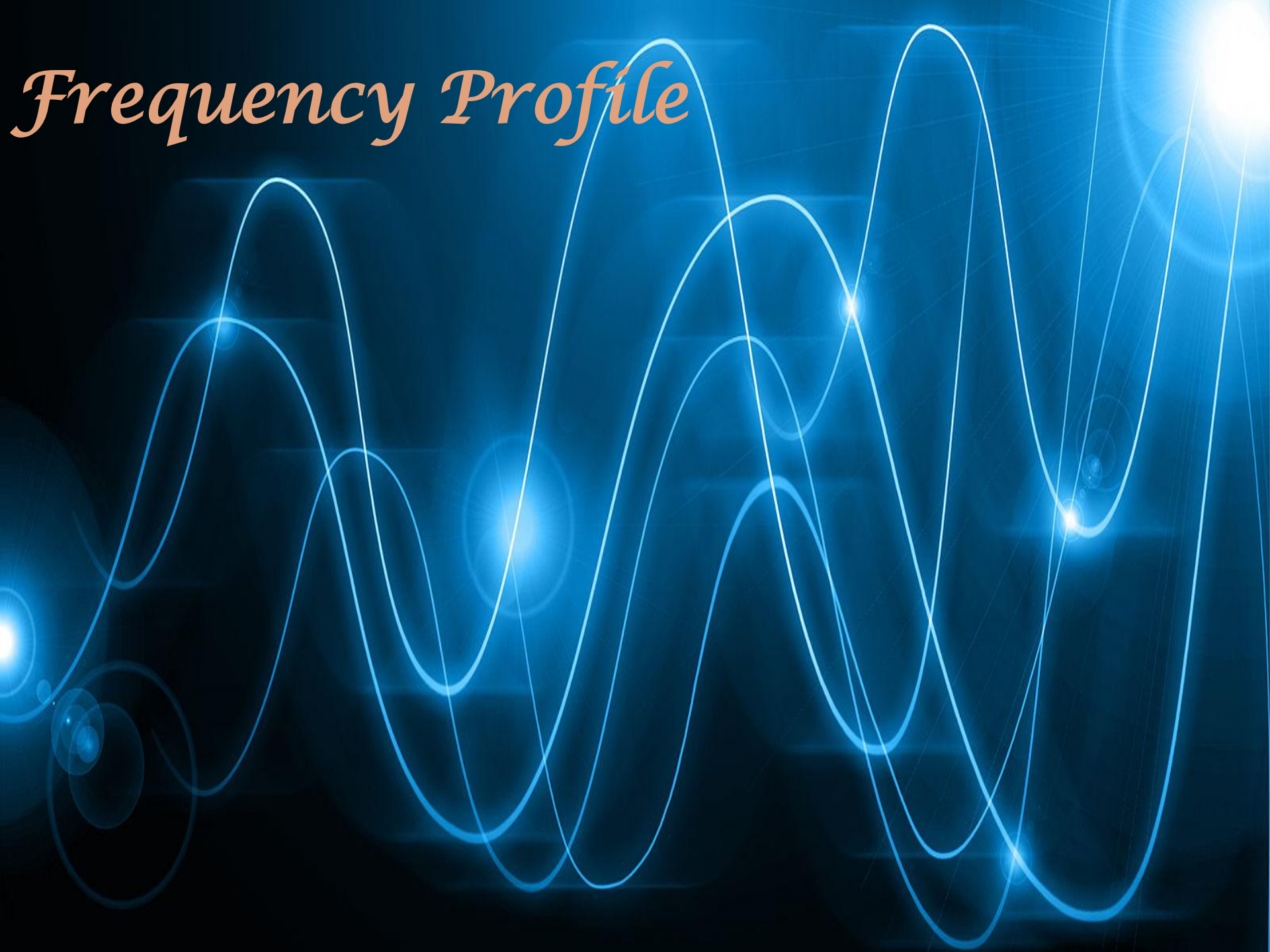
Import and Export in MU of *CESC* for the month of *January, February and March-2025*



Import and Export in MU of *IPCL* for the month of *January, February and March-2025*

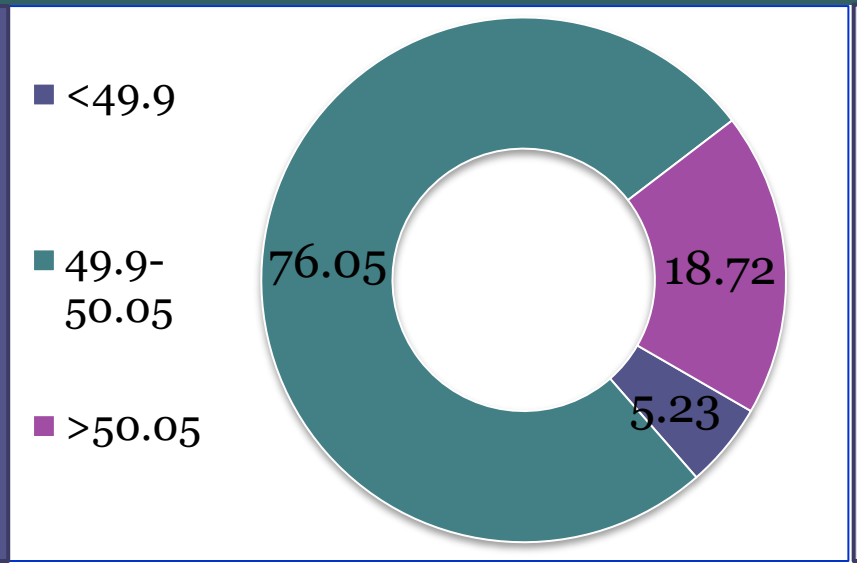


Frequency Profile



GRID FREQUENCY in %
IN JANUARY-2025 and FEBRUARY-2025

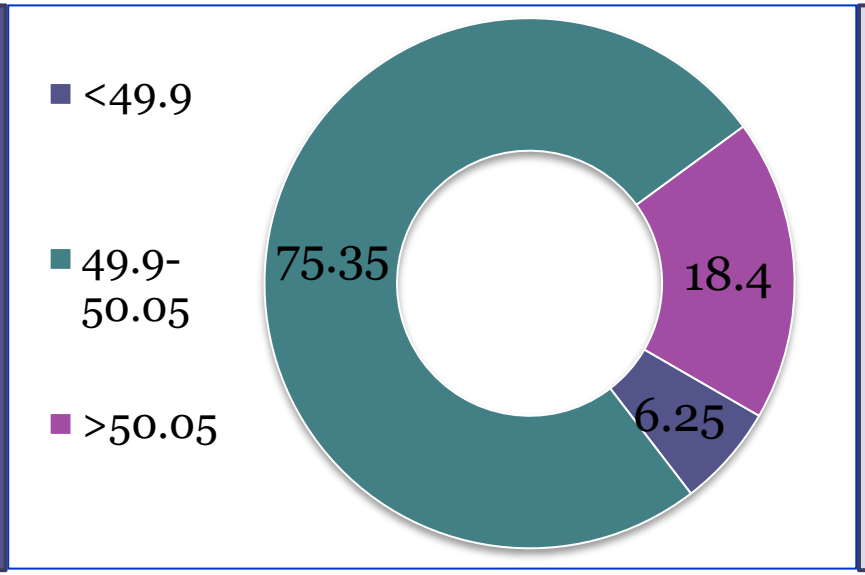
JAN-2025



MAXIMUM FREQUENCY
50.31 Hz. on 24.01.2025 at 14:04 Hrs
and on 26.01.2025 at 14:01 Hrs

MINIMUM FREQUENCY
49.60 Hz. on 05.01.2025 at 09:16 Hrs
and on 11.01.2025 at 09:07 Hrs

FEB-2025

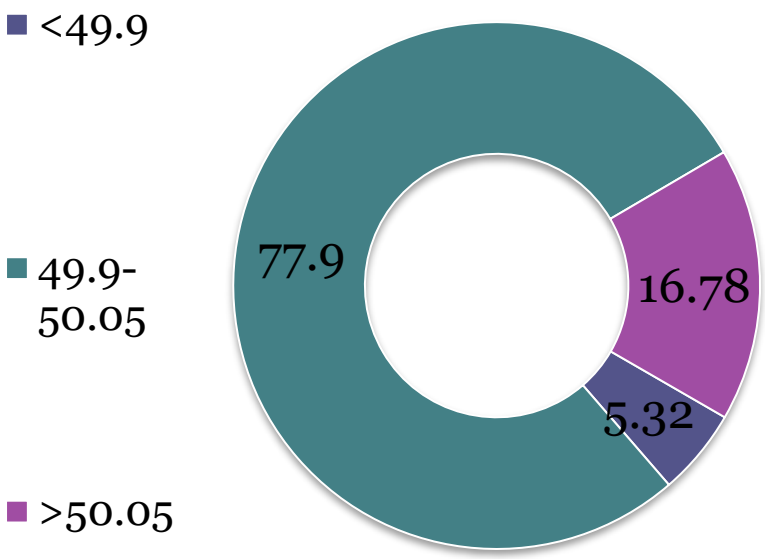


MAXIMUM FREQUENCY
50.33 Hz. on 06.02.2025 at 13:02 Hrs
and on 24.02.2025 at 08:00 Hrs

MINIMUM FREQUENCY
49.55 Hz. on 19.02.2025 at 12:43 Hrs
and on 20.02.2025 at 19:02 Hrs .

GRID FREQUENCY in % IN MARCH-2025

MAR-2025



MAXIMUM FREQUENCY
50.46 Hz. on 03.03.2025 at 13:11 Hrs.

MINIMUM FREQUENCY
49.62 Hz. on 30.03.2025 at 00:07 Hrs.

NEW COMMISSIONING OF EQUIPMENTS & LINES IN JAN,25 TO MARCH,25

Sl NO	NAME OF ELEMENT CHARGED		DATE & TIME OF COMMISSIONING	TECHNICAL DETAILS	REMARKS
1	SGTPP : 400/11/11KV,130 MVA ST#5		15.01.25//18.10 HRS	BHEL MAKE,YN yn0 yn0, IMP=29 %.	
2	220KV DGP-SHYAM SEL S/C		12.2.25//17.38 hrs	DIST= 33 KM,ACSR ZEBRA	220KV DGP-JK NAGAR CKT LILO AT SHYAM SEL SUBSTATION
3	220KV SHYAM SEL- JK NAGAR S/C		12.02.25//17.39 Hrs	DIST= 07 KM,ACSR ZEBRA	
4	HOWRAH : 220/132KV,160 MVA TR#5		05.03.25//21.20 HRS (FROM HV SIDE ONLY) 06.03.25//16.00 HRS(WITH LOAD)	EMCO MAKE,YNa0d11,IMP=12.5 %	
5	132KV DINHATA-FALIMARI TSS CKT		18.03.25//20.32 hrs	DIST=7.60 KM, ACSR PANTHER	
6	132KV N.TOWN AAI-SILICON VALLEY S/C		28.03.25//15.38 hrs(no load condition)	DIST=7.411KM, 630Sqmm Power Cable capacity 630A.	
7	132KV N.TOWN AAI-SILICON VALLEY GIS S/C		31.03.25//14.44 HRS (loaded)		
8	32KV SILICON VALLEY GI	MAIN BUS-1	31.03.25//14.44 HRS		
		MAIN BUS-2	31.03.25//14:47 HRS		
		132KV B/C BAY	31.03.25//14.47 HRS		
		80 MVA TR#1(HV SIDE)	31.03.25//16:17 HRS		
		80 MVA TR#2(HV SIDE)	31.03.25//16:20 HRS		
9	132KV FOOD PARK-AMBUJA S/C		21.36 hrs // 10.04.25	DIST=3.26KM,300SQMM XLPE POWER CABLE.	
10	At JEERAT : 220/132KV,160 MVA TR#4		23.04.25 // 14:30 Hrs(No Load) 24.04.25//10:35 Hrs(With load)		
11	At RISHRA : 220/132kv,160 MVA Tr#4		05.04.25//23.05 Hrs (No Load) 07.04.25//18.45Hrs (With load)		

STATE LOAD DISPATCH CENTRE, HOWRAH,WBSETCL

Attendance i.r.o 75th SLCF Meeting held on 29.04.2025 at SLDC, Howrah

Sl No.	Name	Designation	Department	Contact No. & E-mail ID	Non-Veg / Veg	Signature
1	Smt. R. Chakraborty	C.E.	SLDC	9434910041	N/V	
2	Sri. S. Banerjee	A.C.E	SLDC	9434910379	N/V	
3	Sri. S.K. Bag	A.C.E	SLDC	9434910265	N/V	
4	Mithun Mahato	Asst Manager	IPCL	9800238189 mithun.mahato@indiapower.com.	Non-Veg	Mithun Mahato
5	Kaushik Bardhan	Sr. Mgr	WBPDCL STPS	9147338330 k.bardhan@wbpdcl.co.in	Non Veg	
6	Debarshi De	SM	CESC	9230121123 debarshi.de@cpcl.in	N/V	
7	Soumya Kr Mula	SE	SLDC	9434910517	V	
8	KARTIK CH. SAMANTA	CE	(O&M)-III	9434910956	Non Veg.	
9	Arka Biswas	AE	SLDC	9433248126	NV	
10	Sagnik Sharma	JE(E)	SLDC	9831010991	NV	
11	BASUDEB ADAK	JE(E)	SLDC	9804409516	Non-Veg	
12	Subhankar Chakraborty	JE(E)	SLDC	7044776695	Non-veg	
13	DIBYENDU ADHIKARY	SE(E)	(O&M)-I	9434910798.	Non-veg.	
14	Utsab Adity.	SE(E)	SLDC	9434910880	N-V	
15	B. MADHU	Addl C.E Cont	Cont Howrah	9434910076	N.V	

Continued. . .

Sl No.	Name	Designation	Department	Contact No. & E-mail ID	Non-Veg / Veg	Signature
16	MEGHA BISWAS	A.E	SLDC	9674088135 biswasm32@yahoo.co.in	N.Veg	Megha Bn
17	SUJIT BAG	Mgr (PS)	BTPS	7001329080 sk.bag01@wbpdcl.co.in	N.Veg	[illegible]
18	SUMIT GHOSH	Mgr (PS).	SgTPP	9874584830 sumit291083@gmail.com	N.V	[illegible] 29/04/25
19	DEBDAS MUKHERJEE	Sr. Mgr. (PS)	WBPDCL Corp.	9830052830 d.mukherjee@wbpdcl.co.in	N.V.	[illegible] 29/04/25
20	MANOJ PODDER	AGM (OS)	WBPDCL corporate	8336904077 mpodder@wbpdcl.co.in	N.V	[illegible] 29/04/25
21	Rajat Kr. Koley	Sr. Mgr (OS)	WBPDCL	9474860642 rk.koley@wbpdcl.co.in	N.V	[illegible] 29/4/25
22	Rajarshi Chakraborty	SM(PS)	WBPDCL BKTPS	7980565408 r.chakraborty@wbpdcl.co.in	NV	[illegible] 29/4/25
23	SOVRUJIT BHATTACHARYA	SM(PS)	WBPDCL LTPS	7908488895 s.bhattacharya@wbpdcl.co.in	NV	[illegible] 29/4/25
24	Abhijit Das.	SM(PS)	WBPDCL BKTPS.	9903129748	NV	[illegible] 29/04/25.
25	SUKRITI RANJAN BAUL	SE(E)	WBSETCL CTD	9434910144	N.V	[illegible] 29/04/25
26	Rafat Hossen Mollah	Executive	IPCL	8981175728	Veg	[illegible]
27	B. Mohanta	SE	WBSLDC	—	—	[illegible]
28						