



#insight

**Discom wise  
Estimated Power Sales  
& Annual Revenue  
Requirement in  
Madhya Pradesh for  
FY 2023-24**

#insight

01

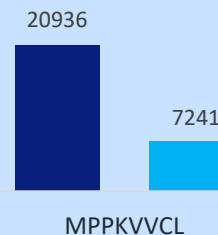
## Estimated sales of Madhya Pradesh Discoms for FY 2023-24

Number of Consumers, Connected load / Contract Demand for FY 2023-24 have been projected based on the analysis of corresponding data of last 5 years and considering the appropriate CAGR.

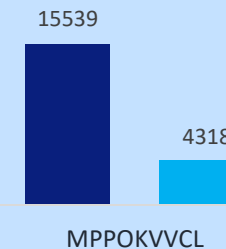
In order to have more realistic projections, the Commission has re-assessed the Sales for FY 2022-23 considering 9 months actual data i.e April to December, 2022 and estimated the sales for January to March, 2023 by considering the proportion of actual energy sales in last 3 months (Jan – Mar 2022) with respect to actual energy sales during first nine months of FY 2021-22 (April 2021 to December 2021). Using this average proportion of sales, the Commission has extrapolated the actual energy sales till the month of December 2022 for the full year to assess the revised estimated energy sales for FY 2022-23.

Category wise sales admitted by the Commission for Madhya Pradesh State for FY 2023-24 (MUs)

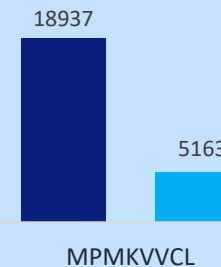
Projected Sales for MPPKVVCL (MUs)



Projected Sales for MPPOKVVCL (MUs)



Projected Sales for MPMKVVCL (MUs)



Source: MPPOKVVCL, MPPKVVCL, MPMKVVCL, Eninrac

powered by why

**The cumulative energy requirement of all three discoms in Madhya Pradesh is estimated to be 89948.6 MUs for FY 2023-24 by the commission**

For arriving at the total quantum of energy requirement, the Commission has considered annual sales grossed up by specified loss levels. The Commission has considered the distribution losses as specified in the MYT Regulations, 2021 for projecting the energy requirement for FY 2023-24. The energy balance / Energy requirement computed based on admitted sales and normative losses for FY 2023-24 and can be seen in the below table I.

Table I Energy Requirement Admitted by the Commission for FY 2023-24 (MU)				
Particular	MPPOKVVCL	MPPKVVCL	MPMKVVCL	State Total
Total Sales (MU)	19857.8	28178.2	24100	72136.4
Distribution Loss (%)	15.5%	14.5%	16.5%	15.45%
Distribution (MU)	3642.5	4778.7	4762.3	13183.6
Input at T-D interface (MU)	23500.4	32956.9	28862.6	85320.1
Intra State Transmission Loss (%)	2.63%	2.63%	2.63%	2.63%
Intra State Transmission Loss (MU)	634.7	890.1	779.5	2304.5
Input at G-T interface (MU)	24135.2	33847.1	29642.2	87624.6
Inter State Transmission Losses (MU)	639.7	907.7	776.4	2323.9
Power Purchase Requirement for FY 2023-24 (MU)	24774.9	34754.9	30418.7	89948.6

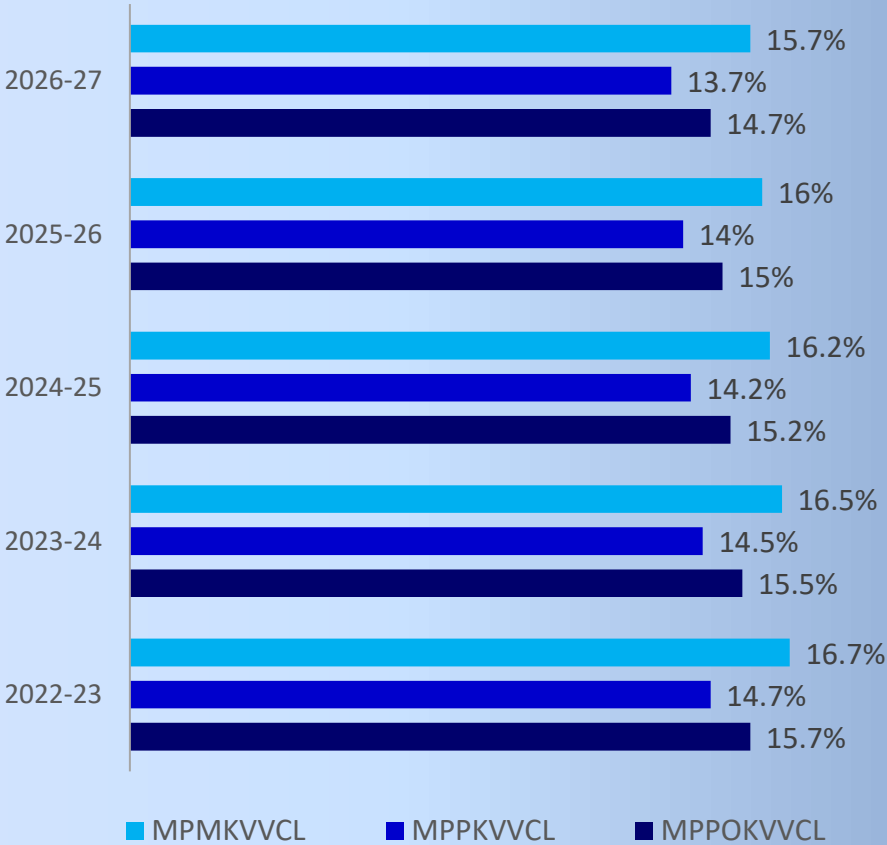
Source: MPPOKVVCL, MPPKVVCL, MPMKVVCL, Eninrac

#insights

# 02 Energy Requirement Admitted by the Commission for Madhya Pradesh

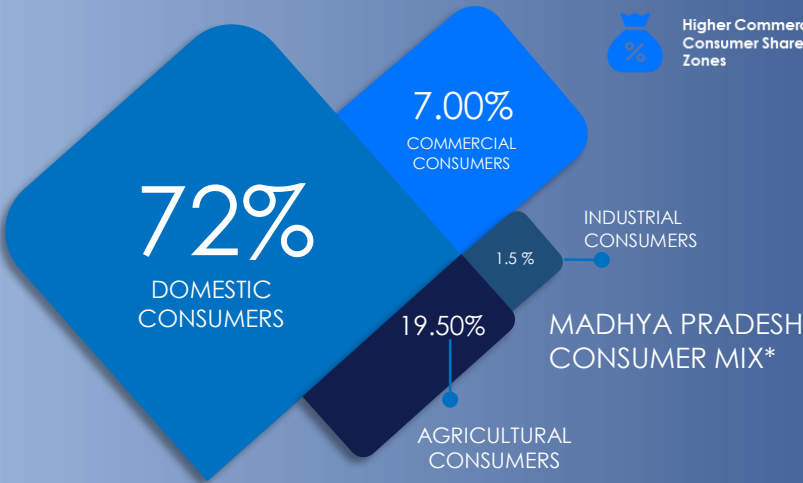
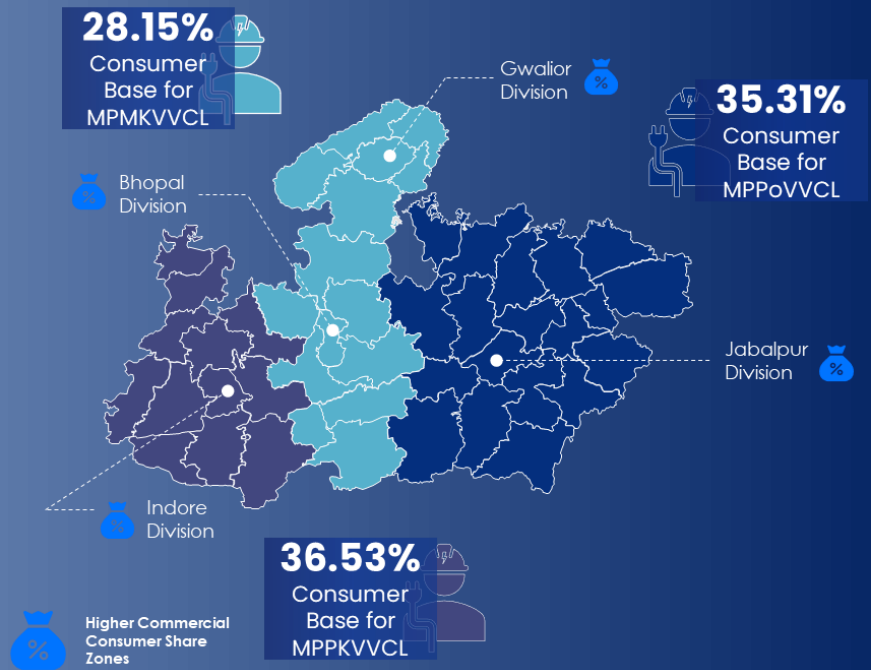
# Key Facts of Discoms in Madhya Pradesh

**AT&C loss (%) Proposed by Discoms in Madhya Pradesh from FY'2022-23 till FY'2026-27**



## State wise Analysis Western Region – Madhya Pradesh

- DU1 – Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Limited (MPPKVVCL)
- DU2 - Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Limited (MPPOKVVCL)
- DU3 - Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL)



Source: Eninrac Report, " Feasibility & Indexation of Discoms Viable for Privatization in India, MPPKVVCL, MPPOKVVCL, MPMKVVCL

Petitioners have proposed a hike of 3.2% in the revenue from existing and admitted tariffs for FY 2023-24 for discoms in Madhya Pradesh as without it discoms would not be able maintain its operational viability

For FY 2023-24 the ARR for MPPVVCL has been estimated to be INR 19043.9 crores, while that for MPPOVCL & MPMVCL has been estimated to be INR 13480.3 crores & INR 16468.4 crores. Detailed breakup can be seen in Table II, III & IV.

**Table II: Aggregate Revenue Requirement (ARR) Admitted for State for FY 2023-24 for MPPVVCL**

Particulars	FY 2023-24 (INR Crores)
Power Purchase Cost Including Inter State Transmission Charges	14743
Intra State Transmission Charges including SLDC	1544
O&M Expenses	1744
Depreciation	141.99
Interest & Finance Charges	
On Project Loans	148.9
On Working Capital Loans	10.58
On Consumer Security Deposit	85.25
Return on Equity	172.4
Bad & Doubtful Debts	0
<b>Total Expenses Admitted</b>	<b>18591.2</b>

Source: MPPOKVVCL, MPPKVVCL, MPMKVVCL, Eninrac

#insight

03

# Proposed Revenue Requirement Estimation for MPPVVCL

#insight

# 03

## Proposed Revenue Requirement Estimation for MPPVVCL (Contd.)

**Table II: Aggregate Revenue Requirement (ARR) Admitted for State for FY 2023-24 for MPPVVCL – Contd.**

Particulars	FY 2023-24 (INR Crores)
Less: Other Income & Non-Tariff Income	147.66
<b>Total ARR Admitted</b>	<b>18443.6</b>
Revenue Gap of MP Transco True-up of FY 2020-21	22.25
Revenue Surplus of MP Genco True –up of FY 2020-21	(342.17)
Revenue Gap of MP DISCOMS True-up of FY 2021-22	635.8
Revenue Gap of MP Transco True-up of FY 2021-22	284.08
<b>Total ARR (including True-up)</b>	<b>19043.5</b>

Source: MPPOKVVCL, MPPKVVCL, MPMKVVCL, Eninrac

#insight

04

# Proposed Revenue Requirement Estimation for MPPOVVCL

**Table III: Aggregate Revenue Requirement (ARR) Admitted for State for FY 2023-24 for MPPOVVCL**

Particulars	FY 2023-24 (INR Crores)
Power Purchase Cost Including Inter State Transmission Charges	9163.3
Intra State Transmission Charges including SLDC	1290.7
O&M Expenses	1875.6
Depreciation	241.02
Interest & Finance Charges	
On Project Loans	281.1
On Working Capital Loans	68.4
On Consumer Security Deposit	42.8
Return on Equity	231.5
Bad & Doubtful Debts	0
<b>Total Expenses Admitted</b>	<b>13194.6</b>
Less: Other Income & Non-Tariff Income	132.98
<b>Total ARR Admitted</b>	<b>13061.6</b>
Revenue Gap of MP Transco True-up of FY 2020-21	72.98
Revenue Surplus of MP Genco True –up of FY 2020-21	(342.17)
Revenue Gap of MP DISCOMS True-up of FY 2021-22	455.5
Revenue Gap of MP Transco True-up of FY 2021-22	232.5
<b>Total ARR (including True-up)</b>	<b>13480.5</b>

Source: MPPOKVVCL, MPPKVVCL,MPMKVVCL, Eninrac

#insight

05

## Proposed Revenue Requirement Estimation for MPMVVCL

**Table IV: Aggregate Revenue Requirement (ARR) Admitted for State for FY 2023-24 for MPMVVCL**

Particulars	FY 2023-24 (INR Crores)
Power Purchase Cost Including Inter State Transmission Charges	11737.9
Intra State Transmission Charges including SLDC	1504.6
O&M Expenses	1828.5
Depreciation	276.9
Interest & Finance Charges	
On Project Loans	366.9
On Working Capital Loans	57.8
On Consumer Security Deposit	59.09
Return on Equity	270.1
Bad & Doubtful Debts	0
<b>Total Expenses Admitted</b>	<b>16102.06</b>
Less: Other Income & Non-Tariff Income	142.6
<b>Total ARR Admitted</b>	<b>15959.4</b>
Revenue Gap of MP Transco True-up of FY 2020-21	48.9
Revenue Surplus of MP Genco True –up of FY 2020-21	(342.1)
Revenue Gap of MP DISCOMS True-up of FY 2021-22	556.8
Revenue Gap of MP Transco True-up of FY 2021-22	245.5
<b>Total ARR (including True-up)</b>	<b>16468.5</b>

Source: MPPOKVVCL, MPPKVVCL,MPMKVVCL, Eninrac

powered by 

WANT SPECIFIC MARKET STORY?  
**WRITE OR CALL TO US**

---

at [connect@eninrac.com](mailto:connect@eninrac.com)  
+91 93190 48963/47963, +91 72900 16953