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Joint interactive session on
Building Strategic Roadmap for Transforming Madhya Pradesh to be a leader in "Green Energy" space in India

Participants of the session

1. **Shri Sanjay Dubey Ji** - Principal Secretary, Department of Energy, New & Renewable Energy, Government of Madhya Pradesh
2. **Mr. Ravi Shekhar** - Founder & Director, Enirrac Consulting
3. **Ms. Nitika Sharma** - VP, Enirrac Consulting

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Cross sectors integrated development approach – key for achieving 360° sustainable growth

Three levers that drives a market – "Input", "Process", "Output"

Actionable

- Phase out plan/roadmap is essential for conventional sources to embellish RE capacities
- Demand creation is the key
 - Developing a roadmap for establishing green energy/ RE valleys (focusing generation, usage & manufacturing) in MP, identifying most suitable locations with source of generation.
 - Conducting a detailed study on encouraging setting dedicated solar & wind energy valleys in MP (can be first one in India)
 - Conducting a study upon developing dedicated green energy corridors at key tourists' attraction centers in MP – such as Ujjain, Sanchi, Rewa, Balaghat, Bhopal, Jabalpur etc (can be first one)
 - Roadmap for phasing out plan of conventional sources & fitting RE capacities in MP
 - Roadmap for establishing more model solar cities in the state of Madhya Pradesh
 - Roadmap for setting up dedicated mini/micro grids in state of Madhya Pradesh for remote areas – institutional electrification and PPP encouragement in this.
 - Strategy implementation of smart meters in the state of Madhya Pradesh

Key Strategic Suggestions by Enirrac

STRATEGY ROADMAP SUGGESTIONS

Madhya Pradesh (MP) ranks 5th in India vis-à-vis renewable energy installation

- MP has a target to add 100W of RE parks by 2027
- MP targets developing 40W of RE projects dedicated for supplying power outside the state
- INR 50,000 cr. of investments planned under MP's RE policy for encouraging RE generation
- INR 10,000 cr. of investments planned under MP's RE policy for encouraging manufacturing dedicated to RE equipments

RE capacity in Madhya Pradesh has seen a growth of 12 times from 2013 to 2023

Exhibit: Trends in the Total RE* Installed Capacity (MW) in MP, as of Jul 2023

| Year | Total RE Installed Capacity (MW) | Breakup of RE Capacity in MP as of Jul 2023 |
|------|----------------------------------|---|
| 2023 | 9358 | 3067 MW |
| 2022 | 8709 | 2844 MW |
| 2021 | 8429 | 135 MW |
| 2020 | 8281 | 124 MW |
| 2019 | 7788 | |
| 2018 | 7234 | |

*Including Hydro

Source: Enirrac, Central Director



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