



UP and MP Collaborate on 8 GW Solar Power Projects

Why in News?

Recently, Madhya Pradesh (MP) and Uttar Pradesh (UP) governments have partnered to develop **8 gigawatts** (GW) of [solar power plants](#), marking a significant first-of-its-kind [renewable energy](#) collaboration between two Indian states.

Key Points

▪ Collaboration Overview:

- The power generated will be shared between the two states, **alternating every six months**, aligning with their respective peak demand seasons.
- **Madhya Pradesh:** Peak demand occurs from **October to March**, coinciding with the rabi crop season.
- **Uttar Pradesh:** Peak demand occurs between **April and September**, aligning with the kharif crop season.
- Solar power will be distributed based on these seasonal demand patterns.

▪ Project Phases and Development:

- In the first phase, a **2 GW project will be developed, with Morena (MP)** identified as a possible site.

▪ State Renewable Energy Goals:

- **Madhya Pradesh:** Aims to achieve **20 GW of renewable energy capacity by 2030, up from its current 9 GW.**
- **Uttar Pradesh:** Targets **22 GW of solar capacity by 2026-27**, up from its current **6.8 GW.**

POWER SHARING

8 Gw pipeline to supply both states;
6 months each

UTTAR PRADESH

Apr–Sep (kharif crop season)

■ **22 Gw**: Solar power target by
2026–27

■ **6.8 Gw**: Current
solar capacity

MADHYA PRADESH

Oct–Mar (rabi crop season)

■ **20 Gw**: Solar power target by 2030

■ **9 Gw**: Current RE capacity

