

# \* One Sun One World One Grid (OSOWOG)

## - OSOWOG

- ↳ Initiative by India & UK
  - ↳ Endorsed by more than 80 countries
  - ↳ Accelerating the making of large solar power stations & wind farms.
  - ↳ Linking them together by continental scale grids crossing national borders.
- Also called the Green Grids Initiative - OSOWOG group
- ↳ includes France, India, UK & US
  - ↳ Representatives from Africa, Gulf, LAC, SE Asia.
  - ↳ Germany & Australia as observers.
  - ↳ Regional Working groups includes AfDB, ADB & World Bank
- Research support by
- ↳ Climate Compatible Growth Consortium of universities.
  - ↳ Includes Cambridge, Oxford etc.
  - ↳ ISRO application for deciding suitability for solar energy installations.

## One Sun One World One Grid, or OSOWOG

Prime Minister in his Independence Day address mentioned about the mega plan of (OSOWOG) – a trans-national electricity grid supplying solar power across the globe.

The idea was first floated by Modi in 2018 during the first assembly of the International Solar Alliance (ISA).

Policy experts describe it as part of India's answer to China's "One Belt One Road" project.

According to the draft plan of the Ministry of New and Renewable Energy (MNRE), the ambitious OSOWOG will connect 140 countries through a common grid that will be used to transfer solar power.

The vision behind the OSOWOG mantra is 'The Sun Never Sets' and is a constant at some geographical location, globally, at any given point of time.

With India at the fulcrum, the solar spectrum can easily be divided into two broad zones viz. far East, which would include countries like Myanmar, Vietnam, Thailand, Lao, Cambodia etc, and far West, which would cover the Middle East and the Africa Region.

## ★ One Sun, One World, One Grid (OSOWOG)

↳ India and UK launched the Green Grids Initiative- One Sun One World One Grid (GGI-OSOWOG) and presented One Sun Declaration, endorsed by 80 countries .

↳ According to the One Sun declaration, main area of work of initiative will be

- Solar, wind and other renewable energy generation.
- Long-distance cross border transmission lines
- Developing cutting edge technologies to modernise power system