

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 2899
TO BE ANSWERED ON 11.03.2020**

GENERATION OF GREEN ENERGY

2899. SHRI NITESH GANGA DEB:

Will the Minister of RAILWAYS be pleased to State:

- (a) whether the Government has any proposal to generate Green Energy to meet the energy demand by the Railways;**
- (b) if so, the details thereof;**
- (c) whether the MoU has been signed by the Railways with power companies to generate solar and wind energy; and**
- (d) if so, the details thereof?**

ANSWER

MINISTER OF RAILWAYS AND COMMERCE & INDUSTRY

(SHRI PIYUSH GOYAL)

(a) & (b): Yes Sir. Indian Railways (IR) envisages to utilize about 10% of its energy requirement from Green Energy sources like Solar and Wind power.

IR has planned to source about 1000 Mega Watt (MW) Solar Power as part of its Solar Mission. Further, Indian Railways also plans to harness about 200 MW of wind power based on techno-commercial

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assessment. Out of this, about 204.82 MW (101.42 MW solar and 103.4 MW wind power) renewable power has already been set up.

(c) & (d): No such Memorandum of Understanding (MoU) has been signed by Railways with power companies to generate solar and wind power at this stage. Most of the work is being done in Public Private Partnership (PPP) mode (Developer mode) by private partners, in which Railways do not have to incur capital expenditure.
