

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS**

**LOK SABHA  
UNSTARRED QUESTION NO. 3602  
TO BE ANSWERED ON 07.12.2016**

**RENEWABLE ENERGY INSTALLATIONS**

**3602. SHRI GAURAV GOGOI:  
SHRI JYOTIRADITYA M. SCINDIA:**

**Will the Minister of RAILWAYS be pleased to state:**

- (a) whether the Railways has recently embarked on a major electrification drive to cut its carbon footprint by setting up renewable energy installations;**
- (b) if so, the details in this regard;**
- (c) whether the bottlenecks in the progress of electrification of railway tracks have been removed; and**
- (d) if so, the details in this regard and the time by which setting up of renewable energy installation are likely to be completed?**

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF RAILWAYS**

**(SHRI RAJEN GOHAIN)**

**(a)to (d): A Statement is laid on the Table of the House.**

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 3602 BY SHRI GAURAV GOGOI AND SHRI JYOTIRADITYA M. SCINDIA TO BE ANSWERED IN LOK SABHA ON 07.12.2016 REGARDING RENEWABLE ENERGY INSTALLATIONS**

**(a)& (b): Yes, Madam. Indian Railways have already embarked upon a major programme to speed up electrification of Railway Lines as can be seen from the targets and achievements of 10<sup>th</sup> , 11<sup>th</sup> and 12<sup>th</sup> Five Year Plans (FYP) under Plan Head 'Railway Electrification'.**

<b>Plan</b>	<b>Target in Route Kilometres (RKM)</b>	<b>Achievement in Route Kilometres (RKM)</b>
<b>10<sup>th</sup></b>	<b>1800</b>	<b>1810</b>
<b>11<sup>th</sup></b>	<b>4500</b>	<b>4556</b>
<b>12<sup>th</sup></b>	<b>6500</b>	<b>5772 RKM electrified during 2012-16 against the proportionate target of 5200 RKM</b>

**Further, target of electrification to 10,000 Route Kilometres for five years (2015-16 to 2019-20) has been set.**

**During 2014-16 period, total number of 48 railway electrification projects consisting 9649 route kilometer at an estimated cost of ₹9927 crore have been included in Railway Budget and pace of electrification has been increased from present average of 1300 RKM/annum to 2000 RKM/annum.**

**Indian Railways have planned to source about 1000 Mega Watt (MW) Solar Power as a part of its Solar Mission with subsidy/viability gap funding with support of Ministry of New & Renewable Energy (MNRE) on techno commercial assessments. Further, Indian Railways also plans to set up about 200 MW of wind mill power plants.**

**(c): Yes, Madam.**

**(d): To expedite electrification of railway lines in the country, various steps have been taken, which inter-alia include award of turn-key contracts, cultivation of new agencies for works, better project monitoring mechanism, enhancing power of field units for award of contracts including sanction of estimates and increasing the number of executing agencies from existing two to five.**

**Till date 50MW Renewable Energy plants have been provided, which include, 14MW Solar and about 36MW Wind Plant. The renewal energy plants (1000MW Solar plus 200MW Wind) are planned for setting up by 2020.**

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