

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO.674
TO BE ANSWERED ON 06.02.2019**

ELECTRIFICATION OF RAIL LINES

**674. SHRI ANANDRAO ADSUL:
SHRI KONAKALLA NARAYANA RAO:
SHRI ADHALRAO PATIL SHIVAJIRAO:
SHRI KAPIL MORESHWAR PATIL:
DR. PRITAM GOPINATH MUNDE:
SHRI DHARMENDRA YADAV:
DR. SHRIKANT EKNATH SHINDE:
SHRI VINAYAK BHAURAO RAUT:**

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Government is putting electrification of railway lines on fast track and planning to double the electrification work in the next five years;**
- (b) if so, the details of the scheme formulated in this regard and the percentage of railway tracks electrified so far;**
- (c) the annual target fixed for electrification of railway lines and the extent to which this target has been achieved along with the time by which all railway lines in Uttar Pradesh are likely to be electrified;**
- (d) whether meter gauge lines have also been electrified and if so, the details thereof and if not, the reasons therefor; and**
- (e) whether the Government is considering to convert all meter gauge lines into broad gauge lines and if so, the time limit fixed in this regard?**

ANSWER

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

(a) to (e) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF UNSTARRED QUESTION NO.674 BY SHRI ANANDRAO ADSUL, SHRI KONAKALLA NARAYANA RAO, SHRI ADHALRAO PATIL SHIVAJIRAO, SHRI KAPIL MORESHWAR PATIL, DR. PRITAM GOPINATH MUNDE, SHRI DHARMENDRA YADAV, DR. SHRIKANT EKNATH SHINDE AND SHRI VINAYAK BHAURAO RAUT TO BE ANSWERED IN LOK SABHA ON 06.02.2019 REGARDING ELECTRIFICATION OF RAIL LINES

(a) & (b) Yes, Madam. Indian Railways have embarked upon a major programme to speed up electrification of Railway Lines as can be seen from Achievements in past years and future Planning, as given below:-

❖ Achievements:

Year	Route Kilometers	Year	Route Kilometers
2010-11	75	2014-15	1176
2011-12	595	2015-16	1502
2012-13	1337	2016-17	1646
2013-14	610	2017-18	4087
Total	2617	Total	8411

❖ Planning:

Year	Route Kilometers
2018-19	6000
2019-20	7000
2020-21	10500
2021-22	10500

As on 01.01.2019, 32245 Route Kilometers of rail lines have been commissioned on electric traction, which is 52.27% of total Broad Gauge Indian Railway network.

Major Initiatives taken to speed up pace of electrification are as below:-

- Introduction of new agencies (RITES, IRCON & PGCIL) for execution of RE works.**

- **Adoption of EPC based contracting system.**
- **Enhancing power of field units for award of contracts & sanction of estimates.**
- **More emphasis on mechanized execution.**
- **Fixing up timelines for approval of drawings/schematic/plan etc**
- **Introduction of new design of foundations.**
- **Review of OHE design for cost reduction & expeditious execution.**

(c) During the year 2017-18, target for electrification of 4000 Route kilometers was fixed against which 4087 route kilometers were commissioned on electric traction. During the year 2018-19, target of 6000 Route Kilometers has been set against which 2033 Route Kilometers have been commissioned till 31.12.2018. Further, Ministry of Railways has planned to electrify balance Broad Gauge (BG) routes of Indian Railways by 2021-22, which includes all BG routes in the State of Uttar Pradesh.

(d) Meter Gauge (MG) and Narrow Gauge (NG) routes of Indian Railways are not electrified as on date due to the fact that MG & NG lines comprise less than 10% of total routes of Indian Railways and are low traffic density routes.

Survey for electrification of few NG routes (Kalka-Simla and Pathankot-Joginder Nagar) are under way and will be taken up for electrification based on feasibility and operational considerations.

(e) At present, 57 Gauge Conversion Projects with total length of 8033 km are in different stages of execution/planning/sanction over Indian Railways. Completion of gauge conversion projects requires shifting of utilities, various statutory clearances etc. Hence, no time line can be fixed in this regard.
