

Alappuzha. The train was speeded up by 55 minutes with effect from 01.10.2015 and orders for speeding up by 160 minutes on Southern Railway territory *i.e.* between Guntur and Alappuzha from "No booking" date have been issued.

#### **New Cell to deal with green issues**

2367. SHRI BAISHNAB PARIDA: Will the Minister of RAILWAYS be pleased to state:

- (a) whether Railways have set up a new Cell to deal with green issues, if so, the details of such issues; and
- (b) the status of providing green toilets in running trains and at railway stations on the Railways' system in the country?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MANOJ SINHA): (a) Yes, Sir. A new Directorate, namely, Environment and Housekeeping Management Directorate has been set up in Ministry of Railways, which is, *inter alia*, responsible for environment and housekeeping related matters such as Climate Change and Sustainable Development, Swachh Bharat Mission, etc.

- (b) Approximately 36,000 bio-toilets have been installed in passenger coaches of Indian Railways. Ten bio-toilets have been installed at railway stations.

#### **Railways plan to go green**

2368. SHRI BAISHNAB PARIDA: Will the Minister of RAILWAYS be pleased to state:

- (a) whether Railways propose to go green in a big way by introducing new generation electric locomotives and devising other measures *i.e.* installing green latrines in trains and station buildings, if so, the details thereof;
- (b) the action plan of Railways to harness wind energy for use in railway network; and
- (c) whether Railways have developed any such wind mill, if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MANOJ SINHA): (a) Yes, Sir. 12000 Horse Power Electric Locomotives of Insulated Gate Bipolar Transistor (IGBT) Technology having regenerative braking feature, are to be manufactured at Electric Locomotive Factory at Madhepura/Bihar for which Contract for setting up the factory and Procurement cum Maintenance of these locomotives has been awarded.

Chittaranjan Locomotive Works has been advised to produce only energy efficient state-of-the-art IGBT based three-phase electric locomotives from 2016-17 onwards.

Bio-toilets, based on the indigenously developed design/technology in association with Defence Research and Development Organisation (DRDO) are being proliferated by Indian Railways. Till date, approximately 35,000 bio-toilets have been installed in passenger coaches of Indian Railways. Coaches fitted with bio-toilets are running in different trains over Indian Railways' network.

An announcement has been made in the Rail Budget 2016-17 that Railways intend to provide portable structures with bio-toilets at select stations to meet the demand of senior citizens, divyang and women travelers.

(b) and (c) Till date, about 36.5 Mega Watt (MW) capacities of wind mill power plants have been installed. Further, Indian Railways proposes to set up 132.5 MW of wind mill power plants, based on techno-economic feasibility and availability of fund.

#### **Tori-Shivpur-Kathotia railway line**

2369. SHRI SANJIV KUMAR: Will the Minister of RAILWAYS be pleased to state:

- (a) the target date for construction of Tori-Shivpiur-Kathotia railway line;
- (b) the benefits expected to accrue with the construction of this railway line; and
- (c) how will this impact the pollution level due to existing road transportation of coal?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MANOJ SINHA): (a) Timeline for completion of the Tori-Shivpur-Kathotia railway line project has not been fixed due to uncertainty in acquisition of land and forestry clearances.

(b) This line, when constructed, will be mainly utilized for coal movement.

(c) Railway is one of the most environment friendly mode of transportation. Hence, pollution level is likely to come down when coal transportation is switched to Railways instead of road.

#### **Construction of underbridge on Kanpur route**

†2370. SHRI NARAYAN LAL PANCHARIYA: Will the Minister of RAILWAYS be pleased to state:

(a) whether an underbridge is proposed to be built by the Government at 66 C.Gate between 1237 kms, pole no. 16/17 on Kanpur route and Tundla-Firozabad railway station, if so, the details thereof; and

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†Original notice of the question was received in Hindi.