

TRANSPORT

Total energy demand for Transport will arise out of two sectors – Passenger and Freight. Within these 2 sectors, the likely energy demand would be a function of following 5 factors listed below. The User may choose a combination of efficiency levels and behavioural choices in the following 5 levers, to derive the total energy demand in Transport sector.

1. Passenger transport demand: select a level (1-4) for the average distance travelled annually per person in India.

Domestic transport behaviour ? 1 2 3 4

2. Passenger transport mode: select a level (1-4) for the share of private/private modes of transport.

Passenger Transport Mode ? 1 2 3 4

3. Freight transport demand: select a lever (1-4) for the demand of freight transport in terms of ton-kilometres freight moved.

Freight Transport Demand ? 1 2 3 4

4. Freight transport mode: select a lever (1-4) for the share of railways/roads modes of transport.

Freight Transport Mode ? 1 2 3 4

5. Shift to Electric/Hybrid vehicles: select a lever (1-4) for the penetration level of Electric/Hybrid vehicles.

Shift to EVs ? 1 2 3 4