

Information note to the Press (Press Release No. 7/2012/QoS)

Telecom Regulatory Authority of India

For Immediate release

TRAI Recommendations on 'Approach towards Green Telecommunications' accepted. Directions to service providers issued.

New Delhi, 13 January, 2012: As part of the global initiatives to contain emissions of greenhouse gases (GHG) and with a view to reduce Carbon emissions in the telecom sector, TRAI had, in April 2011, given its recommendations on "Approach Towards Green Telecommunications".

Government has accepted these recommendations and directions have been accordingly issued to service providers on 04.01.2012. The highlights of these directions are:

1. At least 50% of all rural towers and 20% of the urban towers are to be powered by hybrid power (Renewable Energy Technologies (RET) + Grid power) by 2015; Further 75% of rural towers and 33% of urban towers are to be powered by hybrid power by 2020.
2. All telecom products, equipments and services in the telecom network should be certified "Green Passport [GP]" by the year 2015. Telecommunication Engineering Centre will certify telecom products, equipments and services on the basis of ECR ratings.
3. All service providers should declare to TRAI, the carbon footprint of their network operations. The Declaration of the carbon footprints should be done twice in a year.
4. Service providers should adopt a Voluntary Code of Practice encompassing energy efficient Network Planning, infra-sharing, deployment of energy efficient technologies and adoption of Renewable Energy Technology (RET) to reduce carbon footprints.
5. Service providers should evolve a 'Carbon Credit Policy' in line with carbon credit norms with the ultimate objective of achieving a maximum of 50% over the carbon footprint levels of the Base Year (2011) in rural areas and

achieving a maximum of 66% over the carbon footprint levels of the Base Year in urban areas by the year 2020.

6. Service providers should aim at Carbon emission reduction targets for the mobile network at 5% by the year 2012-2013, 8% by the year 2014-2015, 12% by the year 2016-2017 and 17% by the year 2018-2019.

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Authorised to issue

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