भारत सरकार GOVERNMENT OF INDIA
रेल मंत्रालय MINISTRY OF RAILWAYS
(रेलवे बोर्ड RAILWAY BOARD)

No.TC-I/2022/101/RGP(3383039) New Delhi, dt.15.03.2022

General Manager
All Zonal Railways

Sub: Rail Green Point (Carbon saving while transportation by Rail)

1.0 Concept

Every customer who places demand online (on e-demand module) for freight services may be prompted by a 'Pop up' thanking him for choosing to transport by Indian Railways giving details of the expected saving of carbon emission called Rail Green Points.

Account of Rail Green Point will be displayed for all users/organizations registered on e-RD.

Once RR is generated, the saving of carbon emission will be credited to customer's account in the form of Rail Green Points and the cumulative points will also be shown in his account on Freight Business Development portal.

The 'Feel Good Factor' that customers would get from this information will motivate them to transport more by train. Moreover, the corporate customers may like to mention it on their website, in their Annual Reports.

The module for Rail Green Point will be developed by CRIS/FOIS. CRIS may evolve some kind of Green Star Rating type concept for customers for identification based on their Rail Green Points. Leadership board may also be thought of for Rail Green Points.

Rail Green Points will be reckoned on financial year basis.

2.0 Applicability

The scheme will be applicable only to the freight customers who are registered on e-RD portal of FOIS. Here Freight Customers would mean Organization Codes registered in FOIS.

3.0 Rail Green Point(RGP)

It is the amount of saving of carbon emission in Tonnes of CO_2 on account of transportation of goods by railways instead of road. The Rail Green Points will be estimated based on NTKM through booked route once RR is generated. These Rail Green Points will also be printed on Railway Receipts.

4.0 Estimation of Rail Green Point

The Energy and Resource Institute (TERI) has developed as calculator for estimation of Green House Gas (GHG) emission in tonnes of CO_2 for road and rail based on tonne-km. The GHG calculator of TERI is available at http://freightghgcalculator.com/. The same methodology will be used to estimate carbon emission saving on account of transportation by rail (instead of road) and the same will be termed as Rail Green Point(RGP).

As per latest details collected by CRIS/FOIS from TERI, the following emission factor may be considered: *(as modified from time to time)*

Mode	Emission Factor ($KgCO_2$ per ton-km)
Rail	0.009
Road	0.040

This incorporation by CRIS must be done under advice to TERI considering their emission factor is being used for the calculation of Rail Green Point.

5.0 Distribution of Rail Green Point for an RR

The Rail Green Point will be credited to only registered customers as per following principles:

- If consignor and consignee are same, all Rail Green Points will be credited to the consignor.
- If consignor and consignee are not same and both are registered, Rail Green Points will be equally distributed between the two.
- If consignor and consignee are not same and only one of them is registered, all the Rail Green Points will be credited to the registered customer.
- In case of physical RR (non eT-RR), all Rail Green Points will be credited to the consignor.

In case of Diversion and Supersessional RR, the Rail Green Points shall be redistributed among the Customers.

6.0 Rail Green Point Account

A Rail Green Point account of registered customers will be maintained wherein carbon saving in TonCO2 for transportation of Goods will be credited on generation of Railway Receipt. The same shall be displayed in the dashboard of the Customer on FBD Portal under login. Downloadable certificate displaying Rail Green Point may be provided in the system.

The FOIS system shall also maintain the Rail Green Point account for those Customers/Organizations which are not registered in e-Demand/FBD but it will not be displayed on FBD.

7.0 Method of estimation on Freight Business Development(FBD) Portal

The detailed method of estimation of carbon saving, assumptions, standards used with an illustrative example will be available on FBD portal by CRIS/FOIS.

The Rail Green Points can't be claimed for any benefit from Railways. The Rail Green Points cannot be transferred from one account to other account.

8.0 Disclaimer

The following disclaimer will be added:

"There is no link between carbon credit and Railway Green Point. The carbon saving in the form of Rail Green Points shown here is indicative in nature estimated based on average carbon emission per km per tonne for rail and road as per the methodology mentioned on Freight Business Development(FBD) Portal. The carbon saving doesn't entitle the customer for any claim/compensation or benefit at present or in future."

This issues in consultation with Traffic Transportation & Environment directorates and with the concurrence of Finance Directorate of Ministry of Railways.

(Atul Kumar)
Dy. Director/Rates-I
Railway Board

New Delhi, dt.15.03.2022

No.TC-I/2022/101/RGP(3383039)

Copy to:

1. **Pr. Financial Adviser**, All Zonal Railways
2. **Dy.C&AG(Rlys)**, Room No.222, Rail Bhavan, New Delhi

15/03/2022

for **Member(Finance), Railway Board**

No.TC-I/2022/101/RGP(3383039) New Delhi, dt.15.03.2022

Copy to:

1. **Pr. Chief Commercial Manager**, all Zonal Railways
2. **Pr. Chief Operations Manager**, all Zonal Railways
3. **Managing Director**, CRIS, Chanakyapuri, New Delhi-21.
4. **Chief Admn. Officer**, FOIS, Camp: CRIS, Chanakyapuri, New Delhi.
5. **MD, KRCL**, Belapur Bhavan, Sector-11, CBD Belapur, Navi Mumbai-400614.
6. **Director General**, National Academy of Indian Railways, Vadodara.
7. **General Secy**., IRCA, New Delhi.
8. **Director, IRITM**, Vill-Kanausi, Manaknagar, Lucknow-226011

(Atul Kumar)
Dy. Director/Rates-I
Railway Board

Copy for information:

CRB, M(O&BD), M(Fin.), Railway Board
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TC(R), TC(CR), F(C), Railway Board

SOUTH EAST CENTRAL RAILWAY

Office of the
Principal Chief Commercial Manager
Bilaspur 495004 (C.G)

Rates Circular No.58(G)/2022

No. C/SECR/BSP/Transportation Product / Policy/ Date: 17.03.2022

All CSMs, SMs, CGSs /CGSs & Siding Clerks, Weigh Bridge Clerks. All CCIs, CIs of SECR.
Copy for information and necessary action to:
DRMs: SECR/Bilaspur, Raipur , Nagpur.
Sr.DCMs, Sr.DOMs: SECR/ Bilaspur, Raipur, Nagpur, Commercial Control: SECR/ Bilaspur, Raipur , Nagpur:
ARMs/AARMs: SECR/BIA, KRBA, RIG, SDL, BRJN, G & BRH.
Principal Director of Audit/SEC Railway/Bilaspur.
PCOM, CFTM , PCME, PFA, PCE, PCEE, PCSTE, PCSO, SDGM and CPRO: SECR/BSP.
FA&CAO/(T), Dy.FA&CAO(T), Sr. AFA(TA): SECR/BSP.

Sub: Rail Green Point (Carbon saving while transportation by Rail).

Ref: Dy. Director /Rates-I, Railway Board's letter No. TC-I/2022/101/RGP (3383039) dtd.15.03.2022.

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उपर्युक्त विषयक रेलवे बोर्ड के पत्र संख्या: : Dy. Director /Rates-I, Railway Board's letter No. TC-I/2022/101/RGP (3383039) dated. 15.03.2022 (Rates Circular No.6 of 2022). आपके सूचनार्थ एंव आवश्यक कार्यवाही हेतु संलग्न है।

All concerned staff please note and act accordingly.

Encl: As above

Digitally Signed by Kishor Nikhare
Date: 21-03-2022 16:26:17
Reason: Approved

(Kishor Nikhare)
Senior Commercial Manager (HQ)
For, Principal Chief Commercial Manager