

ELECTRIC OPERATION PERFORMANCE

Category	2019-20	Targets 2020-21	Cumulative UP To June		% Var
			2019-20	2020-21	
Signal Passing At Danger	5	Nil	1	0	-
Punctuality (No. of Trains)	551	-	130	11	-91.5
Punctuality Cases	219	-	49	10	-79.6
Asset Failures (As per ICMS Excl ECRW cases)	168	5% Improvement	35	24	-31.4
Train Det. On crew	0	-	0	0	-
Electric Loco Utilization (Freight)	432.6	440	425.0	508.3	+19.6
Electric Loco Utilization (Coaching)	1073.3	-	1067.2	1209.4	+13.32
Energy Regenerated By 3-Phase Locos (In Kwh)					
Coaching Locos	44712225	-	9241137	3018087	-67.3
Freight Locos	27273219	-	5574108	1871876	-66.4
Total Energy regenerated	71985444	-	14815245	4889963	-67.0

ACHIEVEMENTS & INNOVATIONS

1. DEVELOPMENT OF 'IPAMS'

- Web/Android Based App For Monitoring Of Inspections Done By Clis.
- Locally Developed By RSO For Real Time Monitoring Of Footplate And Other Inspections Of CLIs And Generation Of Analysis Reports

IPAMS – SALIENT FEATURES

- Grading & Weak Areas Of LPs/ALPs Based On Analysis/Evaluation Done By Nominated And Other CLIs.
- Downloading/Uploading of Documents by CLI's & Field Units Viz CTLC Controls/Running Rooms/Booking Lobbies Etc.
- Every Individual CLI Can Access His Individual Page To Know His Performance In Given Areas And To Access Various Information's Like His Nominated LP/ALP, Weak Areas Of Nominated Staff Etc.
- Development of Abnormality/UOR Reporting Software
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2. DEVELOPMENT OF RUNNING ROOM MANAGEMENT SYSTEM

Running room management software has been installed at DDU, ALD, CNB & Tundla running rooms and has started functioning with following facilities-

- Allotment of room at the time of signing-off at lobby.
- Facility to retain the rooms for petty repairs/maintenance; such rooms would not be booked by the system.
- Crew ID based call-book generation system from running room.
- View at a glance for current occupancy status.
- Computerized evaluation of GHI. (Generation of gross happiness index; feedback from running staff on tab.SMS regarding feedback entered to the running staff individually.)

3. DEVELOPMENT OF OTP SECURED SELF ROOM BOOKING SYSTEM

Software has been developed for self booking of room by Loco Pilot/Asstt Loco Pilot/Guard at the time of signing-off at Allahabad Crew Booking Lobby.

SALIENT FEATURES

- Crew May Select The Desired Room, If Vacant.
- Immediate Allotment Of The Room With Confirmation Message To Staff.
- No Waiting For Room On Arrival At Running Room.

4. BIOGAS PLANT AT RYJ RUNNING ROOM

Electrical operation branch, Allahabad has taken keen initiative towards renewable energy by installing Biogas plant at Running Room, Allahabad which is a potential point where biogas can be produced in a cost effective & environment friendly manner.



[Bio-Gas Plant Installed at Running Room, Allahabad](#)

SALIENT FEATURES

- Organic waste generated in running room which was so far being disposed 'off' with extra man power and without any utility, is now being gainfully utilized for conversion into clean and green cooking fuel.
- Saving on precious LPG gas. Consequent upon installation of biogas plant, consumption of LPG has reduced by 120 LPG cylinders per year resulting in a recurring financial saving of Rs 85,000/- per year to the Railways.