



दक्षिण मध्य रेलवे South Central Railway

मं.रे.प्र. का कार्यालय, विद्युत शाखा, रेल विकास भवन, पट्टाभिपुरम, गुंटूर
Office of the Divisional Railway Manager, Electrical Branch
Rail Vikas Bhavan, Pattabhipuram, Guntur - 522006.

M/s. Magnatron International,
Kolkata.

Sub: Supply of AC Energy Saver dual sensor driven programmable microprocessor based - submission of testing report - Reg

Ref: PO No: LP-17-5233-1-50208 Dt.14-09-2017.

With reference to the above PO, your firm M/s. Magnatron International, Kolkata has supplied two sample units of AC energy saver Model No: M2 on 23/10/2017. One sample has been provided at Dy.Chief Controller/DRM office/GNT on 24-10-2017 to 26-10-2017 and the same provided and tested at TPC room on 26-10-2017 to 28-10-2017 and recorded the following readings.

LOCATION: 1 at Dy. Chief Controller/DRM office/GNT:

Mode of the Saver	Start Date	Start Time	KWH meter Initial reading	Room Temperature	Closing Date	Closing Time	KWH meter Final Reading	Room Temperature Attained	Total Units Consumed
Direct mode (with out Saver)	24/10/17	09.15Hrs	522.66	27°C	25.10.17	09.15	549.06	25	26.40
With Energy Saver	25/10/17	10.15Hrs	549.06	27°C	26.10.17	10.15	568.06	25	19.00

Percentage of Savings:

(Consumption without Energy Saver - Consumption with Energy Saver) x100/ Consumption without Energy saver
: (26.40 - 19.00)x100/26.4 = 28% approx.,

LOCATION: 2 at Traction Power Controller/DRM office/GNT:

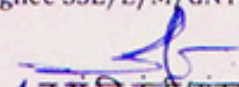
Mode of the Saver	Start Date	Start Time	KWH meter Initial reading	Room Temperature	Closing Date	Closing Time	KWH meter Final Reading	Room Temperature Attained	Total Units Consumed
Direct mode (without Saver)	26/10/17	12.00Hrs	568.06	27°C	27.10.17	12.00	593.30	25	25.24
With Energy Saver	25/10/17	10.15Hrs	593.3	27°C	26.10.17	10.15	611.88	25	18.58

Percentage of Savings:

(Consumption without Energy Saver - Consumption with Energy Saver) x100 /Consumption without Energy Saver
: (25.24 - 18.58)x100/25.24 =26.4% approx.,

Average of the Energy savings of two locations: (28+26.4)/2 = 27.2%

As per the above test report it is found that, the working of the energy saver found satisfactory, hence it is requested to supply remaining quantity of the material at the earliest to the consignee SSE/E/M/GNT.


/ व.म.वि. इंजी/गुंटूर 15/11
Sr.DEE/GNT