



GE Renewable Energy

GE MDS LLC

175 Science Parkway, Rochester, New York 14620 USA
(585) 242-9600 Phone
(585) 242-9620 Fax

TO: FEDERAL COMMUNICATIONS COMMISSION
7435 Oakland Mills Road
Columbia, MD 21046
U.S.A.

May 31, 2023

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

RE: Professional Installation Statement
FCC ID: E5MDS-NET9S, E5MDS-NET9L

To whom it may concern,

GE MDS E5MDS-NET9S and E5MDS-NET9L are data communications radios intended for use in commercial and industrial environments providing telemetry communications within the utility sector.

These devices incorporate password protection restricting access only to authorized installers and default to a non-functional mode prior to proper site configuration and connection to telemetry equipment. GE MDS does not offer this product for general sale, but rather sells to authorized distributors and channel partners who have been trained in the subject of RF system planning as well as industry practices to adhere to safe distances for RF exposure.

E5MDS-NET9S and E5MDS-NET9L have been evaluated for operation with multiple antenna types and requires minimum cable loss and/or power setpoints to adhere to ERP limits. Professional Installation is required to ensure that antenna gain, feedline losses, and radio power setpoints have been properly accounted for to operate within the limits set forth by the FCC.

GE MDS distributors are trained at the GE MDS facility on proper steps to configure our products. The setup manual for the product is presented and discussed in a classroom setting to educate personnel. Minimum safe distances for RF exposure as stated in the manual are presented and during training.

Our distributors and channel partners tasked with the installation of this equipment have been selected by GE MDS as partners whom we trust with proper knowledge of RF system planning and proper deployment practices not only to ensure the proper performance of our product as used by a customer, but to ensure that safety of installers is upheld to the highest standard.

Employees of those partners undergo training within their own business entity to adhere to the exposure distances that we communicate to them for our products. These partners are trained on the site level safety needs to install appropriate fencing, equipment cabinets, and other items to

prevent unauthorized access, as well as the signage to identify RF exposure risks and inform those in proximity that proper precautions must be taken before entry into those restricted access locations.

As this device is relied upon for critical infrastructure communications, integrators locate this equipment in facilities with restricted access to the general population to prevent tampering, injury, or vandalism.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jonathan Vilagy', written in a cursive style.

Jonathan Vilagy
Senior Technical Regulations and Standards Engineer
GE MDS, LLC