



## GE Renewable Energy

### GE MDS LLC

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February 17, 2023

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

May 12, 2023

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

RE: Professional Installation Statement  
FCC ID: E5MDS-SDM9-1

To whom it may concern,

GE MDS E5MDS-SDM9-1 is a data communications radio intended for use in commercial and industrial environments providing telemetry communications within the utility sector.

This device is not offered for sale to the general public. This device incorporates password protection restricting access only to authorized installers and defaults to a non-functional mode prior to proper site configuration and connection to telemetry equipment. GE MDS 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-SDM9-1 operates on FCC licensed spectrum only. The licensee will be granted specific frequencies of operation and 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 in the site license.

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