

RTM-READY Checklist

(For Local Law 45 compliance, effectual participation in Demand Response and Load Management Programs)

What is RTM-ready?

It means that the facility is in position to receive functioning real-time monitoring (RTM) equipment. RTM equipment needs power, communicating ability and a way to connect to a utility meter for a successful installation. Needs of each facility are determined based on a site survey by NuEnergen, DCAS' vendor.

Step 0 – Survey Completion (if needed) DCAS Agency NuEnergen

Completion of a brief DCAS/NuEnergen survey requesting information about on-site electrical meters, including approximate location, power availability and wireless signal strength.

Step 1 – Initial Site Inspection DCAS Agency NuEnergen

A one- to two-hour site visit arranged by NuEnergen to determine job dimensions, necessary supplies, mounting and wiring locations, wireless signal testing, power outlet locations, meter upgrade needs, and if a LAN and/or power installation is necessary (within 3-5 feet of the utility meter).

If adequate wireless signal strength is found and there's a dedicated power source near the utility meter, see step 4

Step 1a – Identifying Power and LAN needs DCAS Agency NuEnergen

If there is a need for power and/or LAN installation, a 2nd site visit will take place to perform a walkthrough with the facility's IT contact and/or electrician to target the exact location of the LAN or power installation.

Step 2 – Power Installation (if needed) DCAS Agency NuEnergen

If no sufficient power outlets are found, a single phase, 110-volt power outlet w/ 2 receptacles must be provided by the agency within 3-5 feet of each specified utility meter.

Step 3 – LAN Installation (if needed) DCAS Agency NuEnergen

If no sufficient wireless signal is found, a LAN/IP Data Port must be provided by the agency within 3-5 feet of each specified utility meter to connect RTM device via CAT5 Ethernet cable.

Step 4 – Utility Meter Upgrade DCAS Agency NuEnergen

Installation of a demarcation box and a meter upgrade (if needed) performed by the utility and arranged by DCAS/NuEnergen at **NO COST** to the agency. A demarcation box enables connection of RTM device to the utility meter.

Step 5 – Installation of RTM Device DCAS Agency NuEnergen

Installation and connection of RTM device(s) performed by NuEnergen

Step 6 – Data Acquisition Confirmation DCAS Agency NuEnergen

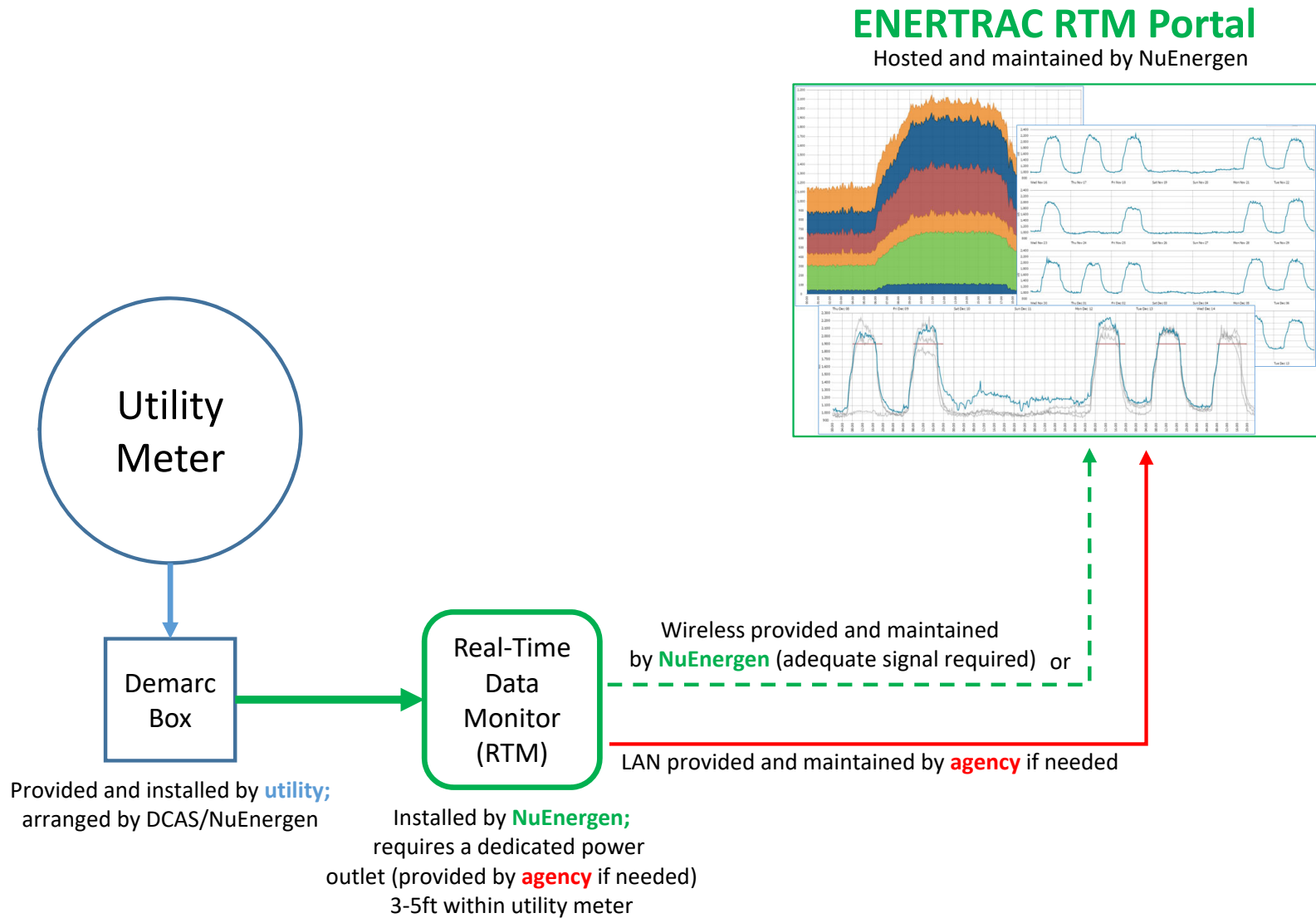
Confirmation that the RTM device is relaying data properly for display on real-time monitoring portal called Enertrac. Enertrac login credentials may be arranged for agency users through DCAS DEM.

For questions, please contact:

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Electric Real-Time Metering Diagram



Energy