Load Reduction Graph from CSE’s Software illustrating the direct energy savings or available load.

When RTUs receive the signal from the cellular network to initiate a Demand Response event, air conditioning units begin to cycle for a predetermined amount of time, launching a reduction in the building’s electricity use. Energy saved through Demand Response is redirected to other areas of need within the energy grid. Participating buildings receive rewards based on energy saved.

CSE’s proprietary Demand Response controller is used for load reduction. The Demand Response software uses cellular technology to communicate with Remote Terminal Units (RTUs).
### REMOTE TERMINAL UNIT SPECIFICATIONS

#### POWER REQUIREMENTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td><strong>Power Input:</strong></td>
<td>120 or 240 VAC ±20%; 60 Hz. Specified at time of order.</td>
</tr>
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<td><strong>Power Consumption:</strong></td>
<td>7.5 Watts max.</td>
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#### CONTROL DEVICE ENCLOSURE

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<tr>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Type:</strong></td>
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</tr>
<tr>
<td><strong>Dimensions:</strong></td>
<td>7 5/16” X 8 5/16” X 4” – 4.5lbs.</td>
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<td><strong>Lid:</strong></td>
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#### FEATURES

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<tr>
<td><strong>Outputs:</strong></td>
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<td><strong>Inputs:</strong></td>
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</tr>
<tr>
<td><strong>Battery backup:</strong></td>
<td>Up to 3 hours autonomy.</td>
</tr>
<tr>
<td><strong>Communication:</strong></td>
<td>Cellular Dual-band CDMA 800 / 1900 MHz</td>
</tr>
<tr>
<td></td>
<td>Built in UDP/TCP/IP stack</td>
</tr>
<tr>
<td></td>
<td>Other Communication Paths available</td>
</tr>
<tr>
<td><strong>Visual indicators(LEDS):</strong></td>
<td>Communication signal strength.</td>
</tr>
<tr>
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<td>Relay outputs status.</td>
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<td><strong>Relative Humidity:</strong></td>
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#### REGULATORY COMPLIANCE

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All devices are 100% Factory Tested and Inspected in accordance with Factory Acceptance Testing Procedures mutually determined with each utility.

*Specifications subject to change*

*Lexan is a registered trademark of General Electric Company*
Load Reduction Graph from CSE’s Software illustrating the direct energy savings or available load.

When RTUs receive the signal from the cellular network to initiate a Demand Response event, air conditioning units begin to cycle for a predetermined amount of time, launching a reduction in the building's electricity use. Energy saved through Demand Response is redirected to other areas of need within the energy grid. Participating buildings receive rewards based on energy saved.

The RTU receives the Demand Response event from the RF Mesh network and launches a reduction in the building's air conditioning electrical load.

CSE’s proprietary Demand Response controller is used for load reduction. The Demand Response software uses Cisco Mesh Networks technology to communicate with Remote Terminal Units (RTUs).
## REMOTE TERMINAL UNIT SPECIFICATIONS

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| Visual indicators(LEDS): | Communication signal strength.                                                                                                             |
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|                     | AC Power status.                                                                                                                         |
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