

Exhibit

Elster Integrated Solutions, LLC (“Elster”) seeks expedited processing of a special temporary authority to allow small-scale testing of equipment developed under contract with electrical generation companies. The device to be tested provides a radio connection between the residential electric meter and the interior thermostat to reduce electrical consumption during times of peak demand and peak rates. The equipment has been designed to operate within transmitting power levels acceptable for Part 15 devices and on a frequency (2.405 – 2.480 GHz) on which the Commission authorizes Part 15 devices. The transmitting methodology is a standard-design [IEEE 802.15.4, similar to “ZigBee”]. Accordingly, no harmful radio interference should result from the tests proposed herein.

Please note that the emission designator appears to have auto-filled incorrectly in the STA filing form. The correct Emission Designator is **1M6G2D**.

The purpose of the test is to allow the power utility to assess the reactions of residential customers to the pricing and usage information supplied through the system and to determine whether the system provides information in a form that will allow the customer to govern usage during peak hours to reduce the customer’s electrical bill and to reduce the demand on the electrical system during peak hours. The system also allows the utility to adjust energy usage in the home through making slight adjustments to the thermostat settings. The customer has the option to override these adjustments, and the utility’s monitoring of this behavior is important to the study. Based on information from this short-term test, Elster will proceed to revise the developmental equipment as necessary and seek Part 15 certification for the devices.

The equipment will remain the property of Elster until it has proper FCC certification. For each home in the trial, one transceiver unit will be embedded in the metering equipment owned by the electrical carrier and will remain outside the control of the residential user. The other end of the communication link will be another transceiver unit that is embedded in the home’s thermostat. Some homes have two thermostats, and so those will have two transceiver units in the home. Elster and the electrical carrier will track installation and usage of the units for the duration of the test period. Residential users participating in the test will be customers who have specifically requested to participate in the test.

Elster requests authority for 500 transceivers for the electric meters and 1000 transceivers for thermostats, because the power utility and the public utilities commission seek an appropriately-sized sample to determine the effectiveness of the equipment and the energy conservation algorithms. This sample size is required by the power utility and is essential to determine customer acceptance and behavior over a statistically significant population. The power utility needs to learn how accepting the customers are to responding to messages from the utility, and complying with thermostat control by the utility. The utility also needs a large population to measure the impact of their power reduction actions (e.g., thermostat adjustments) upon the power generation and

distribution systems. The locations requested for the STA are listed below. The radius is an approximation, and will vary depending on the location of the actual residences which sign up for this experimental program.

Dominion Power Virginia Locations

City	Latitude	Longitude	Radius
Arlington	38.89051	77.086294	16 km
Herndon	38.969698	77.385475	16 km
Falls Church	38.88549	77.173624	16 km
Richmond	37.54053	77.433434	16 km
Glen Allen	37.665356	77.504138	16 km
Reston	38.959374	77.354571	16 km
Alexandria	38.804565	77.043079	16 km
Ashland	37.758852	77.479343	16 km
Hanover	37.768842	77.371096	16 km
Modlothian	37.50358	77.651279	16 km