

John Kennedy

From: John.Holt@us.elster.com
Sent: Tuesday, April 14, 2009 2:03 PM
To: John Kennedy
Subject: File No. 0142-EX-PL-2009

Attachments: Reply2-CorrespondenceRef8327_20090414.pdf



Reply2-CorrespondenceRef8327_2...

Mr. Kennedy,

Pursuant to our telephone discussion concerning our application for an Experimental License, I have attached clarification of why we did not request a market study. Please review the attached and advise us as necessary. Thank you.

Regards,

John Holt
RF Engineer
Elster Electricity, LLC
208 S. Rogers Lane
Raleigh, NC 27610
office: (919) 250-5557
main: (919) 212-4800
john.holt@us.elster.com

(See attached file: Reply2-CorrespondenceRef8327_20090414.pdf)



April 14, 2009

Federal Communications Commission
Office of Engineering and Technology

Correspondence Ref: 8327
File Number: 0142-EX-PL-2009

Mr. John Kennedy,

Elster Electricity, LLC
208 S Rogers Lane
Raleigh, NC 27610-2144
United States

T +1 919 212 4800
F +1 919 250 5486

www.elster.com

Your email of 04/09/2009 contained the following questions to which we are replying:

1. Please report as a point-and-radius the center of mobile operations in latitude and longitude, and the radius about the center in kilometers within which the mobile operations will be performed. 2. Is a market study being requested? If so, please answer the following: a) Will any participants be charged any fees associated with this experiment? b) Will all devices be retrieved at the end of this experiment? 3. Please justify the need to use 2450 devices to perform this experiment.

1. The center of mobile operations will be LAT 35.754558 degrees, LONG -78.880254 degrees. The radius about the center will be 1.0 Km.
2. No market study is being requested. This experiment is a research & development effort by Elster Electricity. No fees will be charged to the participants and the devices will be retrieved at the conclusion of the experiments.
3. The mobile operations area contains over 650 residences, each of which may have a gas, water and electricity meter.

The following points are provided to help clarify why we are not requesting a market study:

1. Elster Electricity has made an agreement with the City of Apex, the utilities provider, to install the experimental meters on the exterior of the residence in addition to the homeowner's existing meter. The home owner's billing will continue to be calculated from data gathered by the existing meter and the experimental meter will have no impact on the customer's monthly utility bill.
2. Letters have been sent to individual home owners informing them that an experimental meter will be installed by the electric utility and the meter will cause no changes to their service.
3. Home owners do not have access to the experimental meters as they are sealed by the utility upon installation in the same way as their existing meters are sealed.
4. The home owner is not an active participant in the experiments other than having the experimental meters installed on his property. All data and test results are gathered by Elster Electricity over the system network without any action on the home owner's part.

Respectfully,

John Holt
RF Engineer
Telephone 919-250-5557
e-mail: John.Holt@us.elster.com