



24 Jan 2011

Dear Ontario Energy Board,

Certicom is pleased to respond to your solicitation for participation in the Smart Grid Working Group (File No. EB-2011-0004). We are very well equipped to provide technical input on the areas of security and privacy in particular and would like to participate.

Certicom is an Ontario based company active in the field of security, with expertise in applied security and public key cryptography. Two major Certicom product lines are directly related to smart grid: (1) an Advanced Metering Infrastructure (AMI) security product used to secure smart meter distribution networks for several major utilities including Southern California Edison and CenterPoint Energy, and (2) a ZigBee Smart Energy digital certificate service used to provide security and privacy for ZigBee Smart Energy devices such as smart meters, thermostats, in-home displays and load control switches. We also provide security products and services as well as license technology to OEMs serving other vertical markets.

Certicom is a wholly owned subsidiary of Research In Motion (RIM) and is very aware of and interested in the evolution of smart grid technology with respect to machine-to-machine communication. Our association with RIM provides a unique vantage point which gives us a broader perspective than we might have were we simply another product vendor working in the smart grid arena. For this reason we believe we will benefit mutually from this consultation and will not be seeking a Cost Award or any remuneration for our participation.

We nominate Mr. Keelan Smith to serve as our delegate on this working group. Mr. Smith is a Certified Information Systems Professional (CISSP) with particular expertise in embedded system design. With over 15 years of industry experience, Mr. Smith has led and participated in a number of consulting projects for Certicom, including smart meter security architecture design, and is an expert on security and key management in distributed network environments, especially those involving constrained devices.

Please take this letter as an expression of interest. Do not hesitate to contact me if you require further information.

Best regards,



Jim Alfred

Contact Information

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