



Revolution Energy  
314 Route 108  
Madbury, NH 03823

April 11, 2016

Debra A. Howland, Executive Director  
Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301

Re: IR 15-296, Investigation into Grid Modernization Working Group

Dear Director Howland:

Thank you for the opportunity to apply to participate in the formal Working Group that will be established in Docket 15-296, Investigation into Grid Modernization.

Revolution Energy LLC and its partners are writing in response to the April 1, 2016 Order 25,877 on Scope and Process in docket IR 15-296. We request membership in the Working Group, as established and described in Order 25,877. In addition to our long and extensive experience as a renewable energy company in New Hampshire concerned with grid connected energy systems, Dr. Clay Mitchell, Esq. current holds a faculty appointment with a teaching and research focus in all aspects of energy systems. Also, our current intern/associate, Henry Herndon, a graduate student at UNH, is conducting comparative research on various processes for energy policy-making. This provides a unique opportunity for broad expertise and knowledge to be brought to the Working Group.

Revolution Energy respectfully requests that Clay Mitchell, Esq. PhD (Partner of Revolution Energy LLC: [clayton.mitchell@unh.edu](mailto:clayton.mitchell@unh.edu), 168 James Hall, UNH, Durham NH 03824. Telephone: 603-608-2521) and Henry Herndon ([hpd7@wildcats.unh.edu](mailto:hpd7@wildcats.unh.edu), 168 James Hall, UNH, Durham NH, 03824. Telephone: 781-439-2177) be added together as joint members to the working group. Dr. Mitchell would serve as the lead participant and Henry Herndon would serve as the alternate participant.

Revolution Energy LLC has been operating in NH since 2008 and has installed several innovative projects in the state. These projects include solar PV, combined heat and power, solar hot air and most recently methane-fueled CHP. Revolution Energy has been integral in several policy initiatives in the state, including group net metering, raising the system size for net metering, updating the requirements for municipal energy service contracts, etc. We have assisted communities in developing energy master plans as well as projects.

We are currently supporting several projects that include innovative demand management protocols using technologies deployed in other areas of the nation and have extensive



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experience and research background in market solutions in other jurisdictions including grid-tied storage that provides ancillary services. We are well-versed in the financial, technical and policy implications of innovative steps in energy technology as we have actually deployed, financed and researched such systems.

As the members of this Working Group, Dr. Mitchell and Mr. Herndon can provide a substantial body of experience and research. Our experience of working in multiple jurisdictions and research base will provide a wide range of support to the Working Group and can provide insights into concerns including, financial impacts, technical impacts and policy ramifications of these solutions.

Revolution Energy will be an active participant in the development of recommendations in this docket. We are the only company to have completed a project with a utility under NH RSA 374-G which stands as evidence of our ability to work collaboratively with PUC staff, the utilities and other stakeholders. We believe that we bring a unique perspective and a particular set of skills to the proceeding that will enhance both the process and substance of this important docket.

Thank you for the opportunity to participate in this innovative and important topic and we would be happy to answer any questions you may have.

Very Truly Yours,

Clay Mitchell, Esq PhD  
Revolution Energy LLC