



LO3 ENERGY

November 13, 2017

The Honorable Fred Upton, Chairman  
The Honorable Bobby Rush, Ranking Member  
Committee on Energy and Commerce, Energy Subcommittee  
2126 Rayburn House Office Building  
United States House of Representatives  
Washington, DC 20515

Dear Chairman Upton and Ranking Member Rush:

Thank you for inviting me to testify on behalf of LO3 Energy at the hearing on September 26, 2017 titled "Powering America: Technology's Role in Empowering Consumers." We were honored and delighted to have the opportunity to explain our technology application and how it can engage consumers in the electric grid, giving them more choices in how and when to use electricity.

Attached please find the responses of LO3 Energy to the additional questions for the record. Feel free to contact me should you or any Member of the Committee have further questions regarding LO3 Energy, transactive energy, or blockchain.

Sincerely,



Monica Lamb

**Committee on Energy and Commerce**  
**Subcommittee on Energy**  
**Powering America: Technology's Role in Empowering Consumers**

**Responses to Additional Questions for the Record by LO3 Energy**

*Questions from Chairman Upton*

- 1. Question: What involvement did the State Public Service Commission, New York ISO, and local utility have in your Brooklyn Microgrid project?**

Response:

LO3 Energy has selected New York as the location for its initial project because the state's Public Service Commission ("PSC") and Independent System Operator ("NYISO") had already begun to implement new regulations and pilot projects that encourage distributed energy resources to participate in a dynamic marketplace for distributed energy services. The PSC initiated the Reforming the Energy Vision process in 2015, and NYISO began releasing information regarding its pilot program for distributed energy resources in early 2017. These are ongoing processes undertaken by the PSC and NYISO, and are not specifically related to the Brooklyn community energy network under development by LO3 Energy. The project will operate within the existing regulatory structures and pilot programs established by these entities, in cooperation with Consolidated Edison as the distribution services provider in the local area.

- (a) Question: Do you see a need for new policies or regulations related to blockchain energy platforms?**

Response:

In order to facilitate the implementation of dynamic markets that will encourage the deployment of distributed energy resources and infrastructure upgrades in the most efficient manner, Federal policy can help to streamline the integration of new community energy marketplaces with the existing competitive wholesale markets operated by the Independent System Operators and Regional Transmission Organizations under FERC's jurisdiction, for example, through NYISO's initial pilot program described above.

Federal policy can clarify that behind-the-meter consumer energy assets should access energy markets on equal footing with in-front-of-the-meter energy assets, and that distributed energy resources like batteries, thermal storage, active demand management, microgrids, and other hybrid energy resources can transact energy services in the same manner as traditional generation.