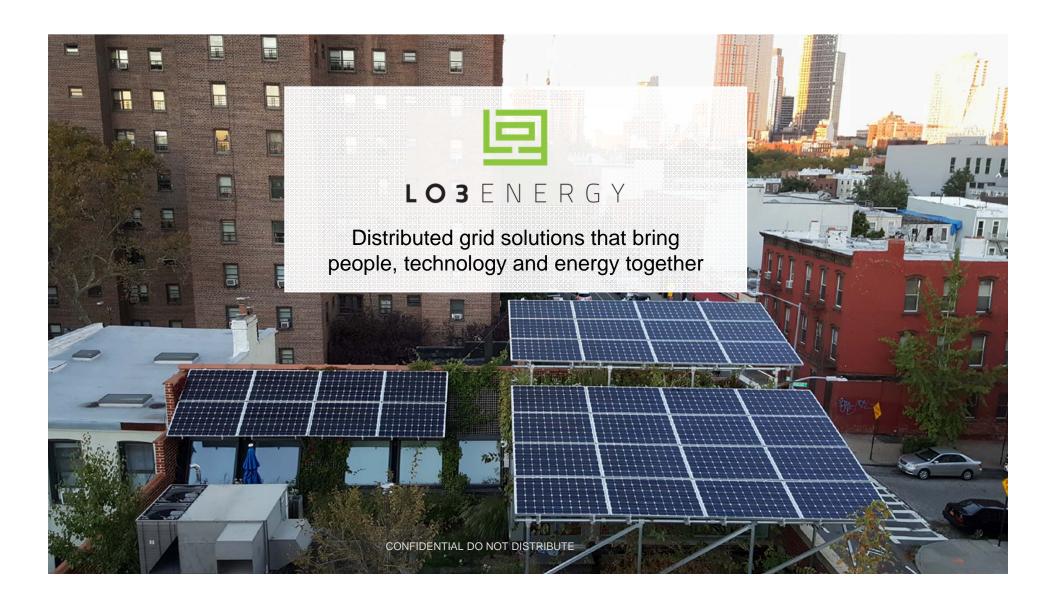
DOCKETED

Docket Number:	17-IEPR-12
Project Title:	Distributed Energy Resources
TN #:	220598
Document Title:	Presentation - Distributed grid solutions that bring people, technology and energy together
Description:	8.8.17: Presentation by Lawrence Orsini of LO3 Energy
Filer:	Raquel Kravitz
Organization:	LO3 Energy
Submitter Role:	Public
Submission Date:	8/7/2017 12:59:42 PM
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LO3 Energy Background

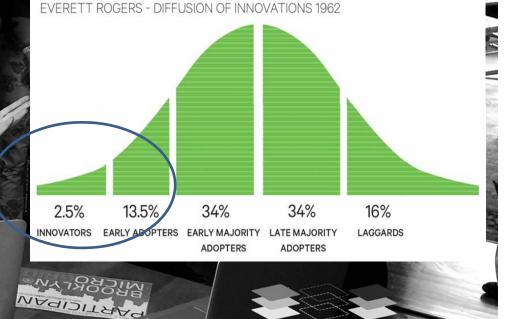
Utility Scale Programs

LOBENERGY

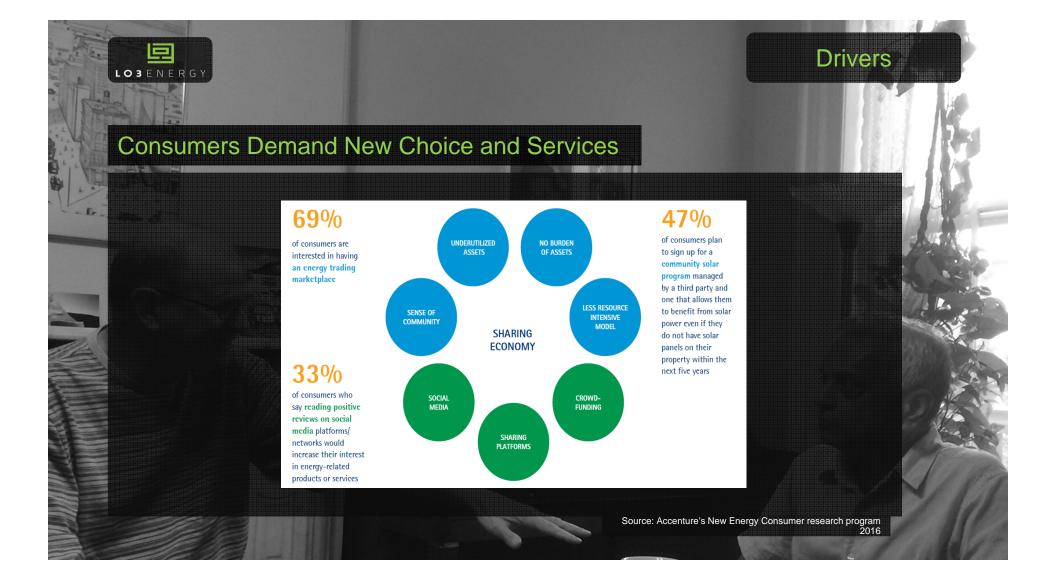
- Applying tested models for emerging tech adoption and market transformation
- Company background: Energy Program Design Community Engagement Codes and Standards

 - **REC Markets**
 - Blockchain
 - **Advanced Meters**
 - System Architecture
 - Computation

Technology Adoption Curve









Transactive Energy

The Future of the Grid

- Significant market and grid architecture changes ramp exponentially in 3 5 years
- DERs, transportation of energy self-organize on economic efficiencies
- Market participants rewarded for maximizing grid efficiency, energy production, storage etc.
- Utility/TSO/DSO returns for increasing efficiency, resiliency or adaptive nature of the grid
- Power markets and utilities will adopt new ways of thinking, operating and competing





• Transactive, distributed intelligence system

- Based on open-source, cryptographically-secure protocol
- Military-grade cybersecurity
- Real-time data

LOJENER

• Auditable, immutable, secure device control



TransActive Grid

