Self Driving Buildings™
Critical Infrastructure for a Clean & Smart Grid

EPIC Reliability Energy Innovation Tour
June 2021
Michel Kamel
MelRok CEO

- Mechanical Engineer
- Aerospace background
- IoT platforms
- Energy intelligence
About MelRok

• Born in Orange County, California
• 10-year-old company
• Developer of building optimization technologies
WE COMBINE THE POWER OF MACHINE LEARNING AND AI WITH

REAL TIME DATA AND CONTROL CONNECTIVITY TO BUILDING SYSTEMS
Reliability & Grid Services Applications

Real time demand response • DER management • Battery storage system management • Microgrids & Nanogrids
Integrated Platform - Rapid Deployment

1. Plug and Play Connectivity
2. Auto-Configuration
3. Turnkey Intelligence & Action
Simple Business Model

We Simplify and Lower the Cost of Managing Large Facilities and Portfolios of Buildings – While Saving Energy

Setup Fee*

Setup
$1,500 + $25/kft² /building

Monthly Fee*

Essentials
$5/meter /month

Optimized
$4/kft² /month

Self Driving Building™
$10/kft² /month

Market Segments

• Industrial facilities
• Hospitals
• Big box retail
• College campuses

* Reference 50kft² commercial building – prices may vary
Platform Demo
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