

# Mobile Battery Use Case Evaluation



*VELCO Operating  
Committee  
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# Background – Jay Bellows



**Northern  
Reliability**

- VT-based, partnered w/ US-based KORE Power
- Partner on Pinnacle Ridge Project
- Range of mobile batteries (Nomads)
  - 2.0 MWh
  - 1.2 MWh
  - 600 kWh
- Connected to grid via docking stations



# Current Status

- Evaluating opportunity as part of company's Value Delivery Team work, i.e.:
  - Performing a review of VELCO use cases
  - Estimating costs
    - Material (mobile battery and docking station)
    - Site enhancement costs
      - Parking pad, communications, security, permitting, etc.
    - O&M costs
- Seeking to confirm DU interest, develop and coordinate DU use cases

# Use Case Items

- How is your company utilizing storage today?
- Which of the following use cases make sense to you?
  - Disaster Recovery
  - Resiliency
  - Peak shaving
  - Energy arbitrage
  - Capacity/Frequency
  - Address an unique customer need
  - Other ways?
- Does your organization have a need for a mobile battery?
- Does the timing of this new offering align with an effort already underway?

