EXPLORING THE FUTURE OF HOSTING CAPACITY ANALYSIS AT XCEL ENERGY

2020 HCA Workshop 4 –
Long-Term HCA Goal and Use Case Analyses

September 2, 2020
AGENDA

1. *Long-Term Goal:* use the Hosting Capacity Analysis (HCA) in the interconnection process Fast Track Screens

2. Future Use Cases and Potential Paths

3. Stakeholder Engagement Roadmap
Workshop Goals

• Get your feedback, input, and perspective
• Work toward increasing the efficiency and value of the HCA tools
• Further shape the roadmap for integration of the Hosting Capacity Analysis with the statewide standard Minnesota DER Interconnection Process (MN DIP)
• Feedback today informs upcoming workshops and our analysis
Ordered Potential Future HCA Use Case Analyses

1) Remain an early indicator for interconnection
   - More frequent updates (*monthly, quarterly, semi-annual*)
   - Targeted updates

2) Integrate with MN DIP – *Pre-Application Data Report*

3) Integrate with MN DIP – *Replace Initial or Supplemental Screens*

4) Integrate with MN DIP – *Automate Interconnection Process*
Current State – *HCA in relation to MN DIP*
Simplified View of MN DIP Process

* Inverter-based projects less than 20 kW will follow the MN DIP Simplified process, the first step of which is also an Initial Screen.
Long-Term HCA Goal – Use with MN DIP
Fast Track Screens

Xcel Energy

Hosting Capacity Analysis

Other changes to the systems underlying/ supporting MN DIP
1) Remain an early indicator for interconnection
   - More frequent updates (*monthly, quarterly, semi-annual*)
   - Targeted updates

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4) Integrate with MN DIP – *Automate Interconnection Process*
ADDITIONAL FEEDBACK BEFORE NEXT SESSION?

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