



# **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

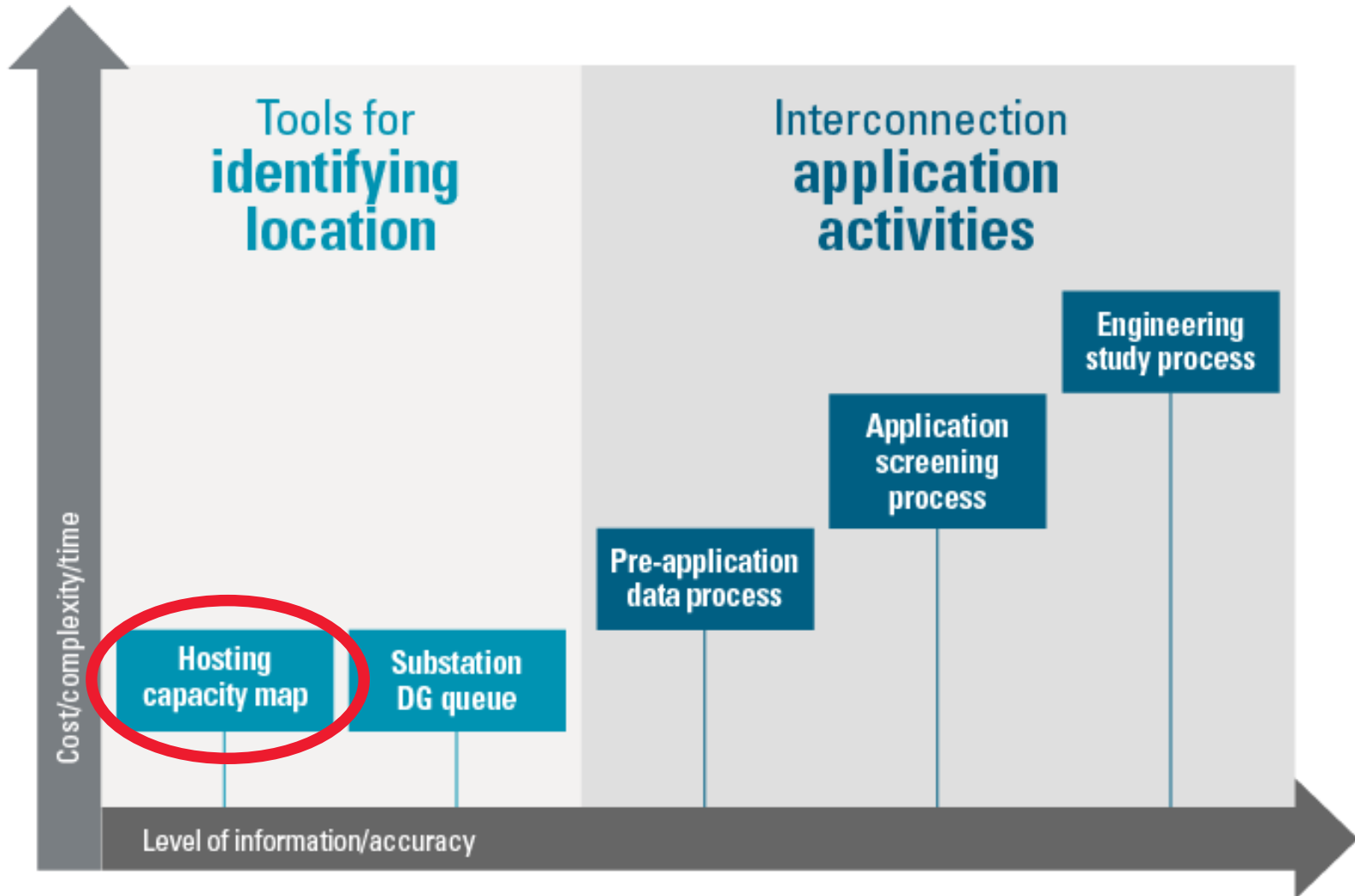
# Workshop Goals

- 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

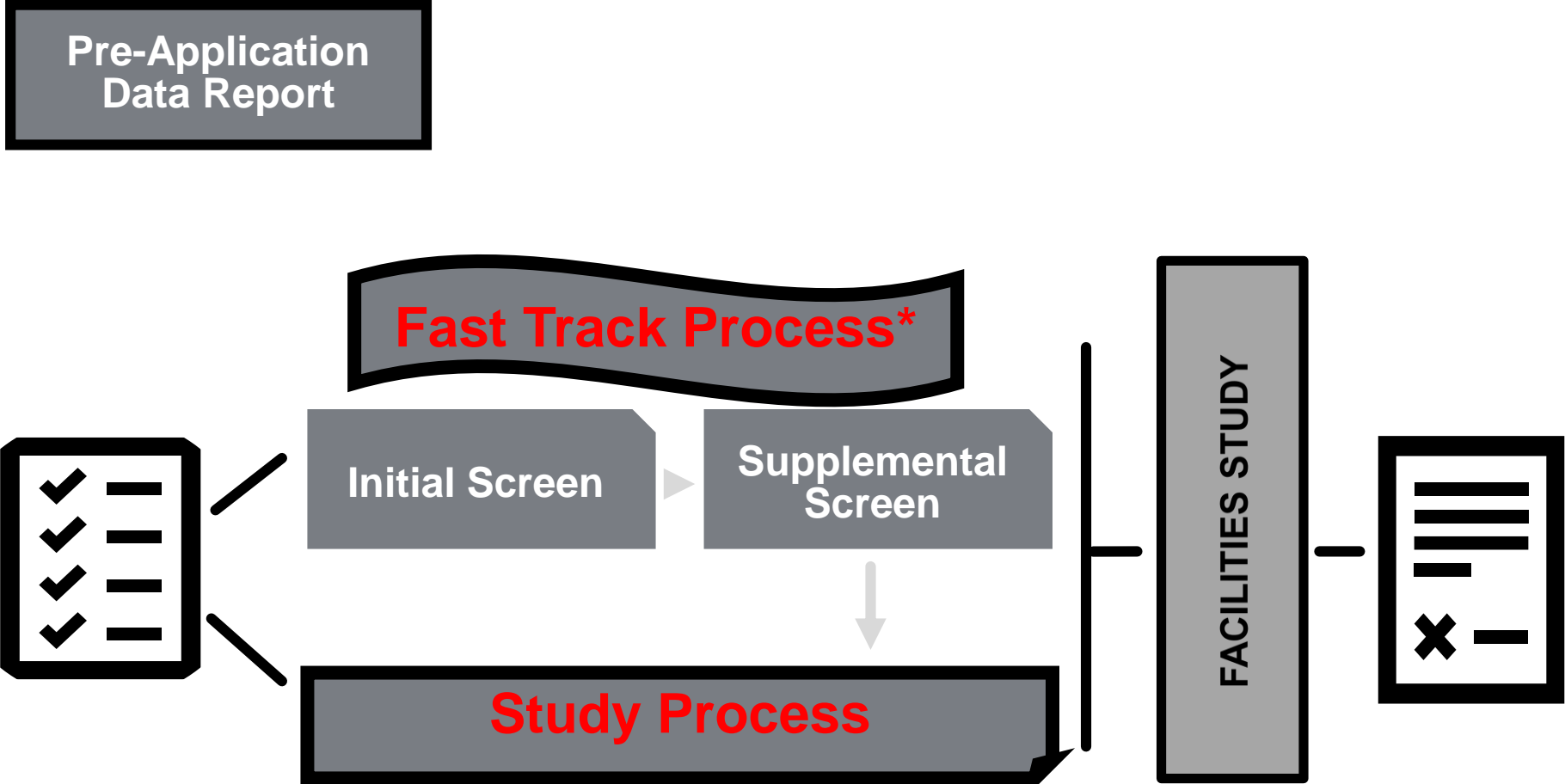
# Ordered Potential Future HCA Use Case Analyses

- 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

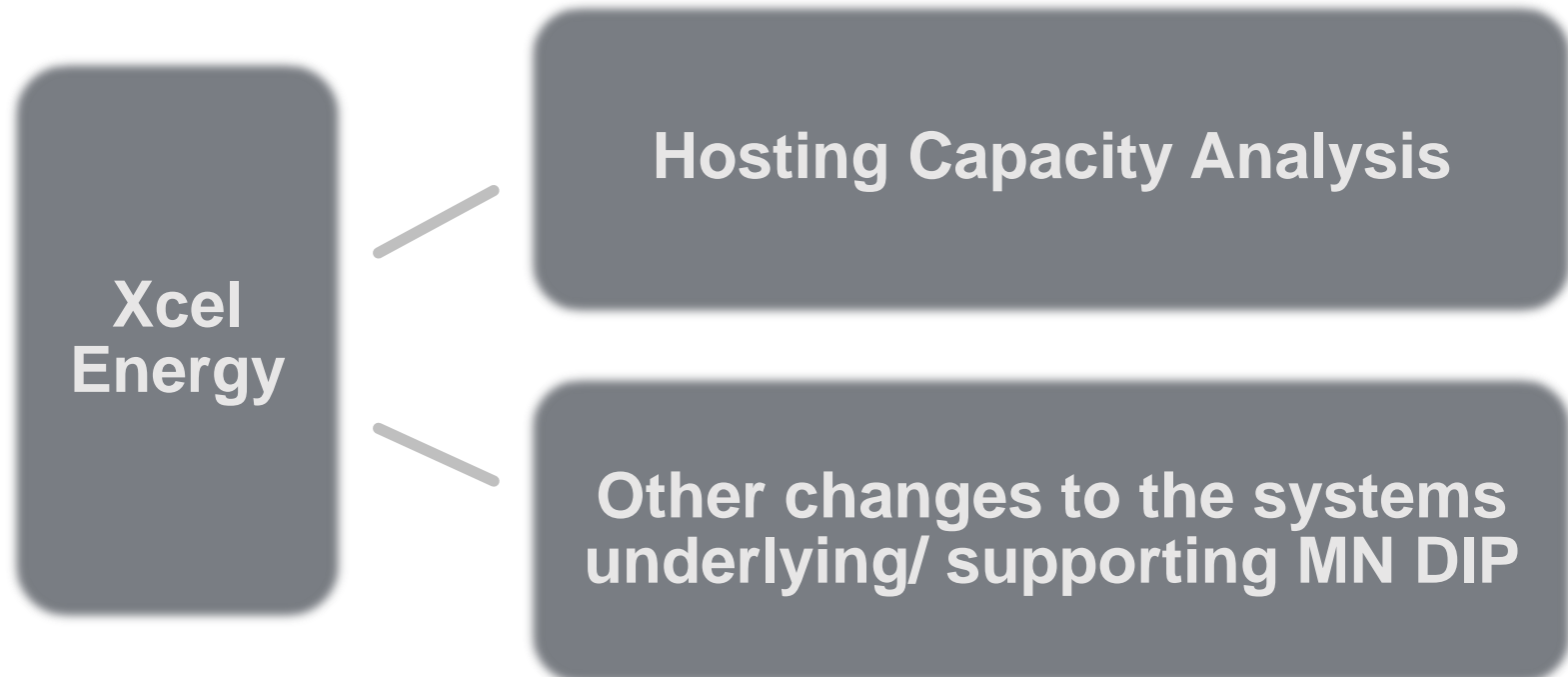


# Simplified View of MN DIP Process



\* 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*



# Stakeholder Engagement Roadmap – September 10, 2020

- 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*



# Stakeholder Engagement Roadmap – September 15, 2020

- 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*

# ADDITIONAL FEEDBACK BEFORE NEXT SESSION?

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