Outline

- Overview of MidAmerican Energy
- Demand and Capability
- Transmission System
- Storm Preparedness/Customer Communication
- Vegetation Management
- Delivery and Customer Response
- Energy Efficiency
MidAmerican Energy Company Overview

- Headquartered in Des Moines, Iowa
- 3,400 employees
- 1.6 million electric and natural gas customers in four Midwestern states
  - Approximately 85,000 electric and 66,000 natural gas customers in Illinois
- Illinois service territory is in the Quad Cities and surrounding areas
- 385 MW of owned power capacity allocated to Illinois
- Remainder of resources needed to serve Illinois load acquired through Illinois Power Agency procurement process
Summer Peak Coverage

- Sufficient capacity to meet the summer 2019 forecast
  - MISO capacity auction procured a small portion of Illinois requirement

<table>
<thead>
<tr>
<th>Year</th>
<th>Forecast</th>
<th>Peak Load (MW)</th>
<th>Installed Capacity Resources (ICAP MW)</th>
<th>Reserve Margin (%)</th>
<th>Reserve Margin Requirement (MW)</th>
<th>Capacity Excess of Load (MW)</th>
<th>Capacity Excess of Requirement (MW)</th>
<th>DR + Customer Gen (MW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>MidAmerican Energy system, normal weather</td>
<td>5,015</td>
<td>5,732</td>
<td>14%</td>
<td>5,250</td>
<td>717</td>
<td>482</td>
<td>298</td>
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<tr>
<td>2019</td>
<td>MidAmerican Energy system, extreme weather</td>
<td>5,377</td>
<td>5,732</td>
<td>7%</td>
<td>---</td>
<td>355</td>
<td>---</td>
<td>298</td>
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<tr>
<td>MidAmerican Energy-Illinois, normal weather</td>
<td>547</td>
<td>395</td>
<td>-12%</td>
<td>485</td>
<td>(52)</td>
<td>(90)</td>
<td>19</td>
<td></td>
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</tbody>
</table>

- 2018 actual and all-time peak

<table>
<thead>
<tr>
<th>Year</th>
<th>Historical</th>
<th>Peak Load (System)</th>
<th>Capacity Resources</th>
<th>Capacity Excess of Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>MidAmerican Energy 2018 actual and all-time peak: July 12, 2018</td>
<td>5,051</td>
<td>5,677</td>
<td>626</td>
</tr>
</tbody>
</table>
Transmission Loading

- Significant MISO Multi-Value Project (MVP) transmission expansion underway or completed, improving Iowa import/export capabilities
  - Iowa portions complete
  - New Iowa to Missouri link completed in 2019
  - New Iowa to Wisconsin link completed in 2023
- MidAmerican Energy expects its system to perform well
  - No facilities are expected to load above their rating for normal system conditions or single contingency events
  - Operating procedures prepared for certain double contingency events
  - MISO congestion management tools and transmission loading relief
Vegetation Management

• Three-year trim cycle for distribution system clearances
• Annual electric transmission inspection and remediation
• All tree-related outages impacting multiple customers are reviewed to determine if additional steps are needed to ensure future safety and reliability
  – 12.9% of Illinois customer outage minutes in 2018 were tree related (excludes major storm events)
  – 17.2% of Illinois customer outage minutes in 2018 were tree related (includes major storm events)
• Website and seasonal customer safety messaging
  – e-newsletters, safety ad campaigns, public outreach
Storm Preparedness and Outage Communications

- Local and remote storm centers opened, new state-of-the-art incident command center in Des Moines
- *Who to Call* information and safety provided in key messages
- Radio, television and online/digital, live interviews, real-time advertising, website Outage Watch
- Direct email notifications and updates (~75% of customers), and via proactive text updates with enrollment
- Expanding use of drones to assess storm damage to facilities
- Expanding monitoring and control of distribution system
  - Remote line sensors @ 50+ locations, adding 20 more in 2019
  - Implementing a Distribution SCADA system in 2019/2020
Outage Watch
Energy Efficiency

• On July 1, 2019, MidAmerican Energy will file its 2020-2023 Energy Efficiency Plan with the Illinois Commerce Commission
• The new plan continues to provide a comprehensive portfolio of energy efficiency programs, while offering each sector the flexibility to participate at many levels, based on individual needs and building types
• Most programs will be offered as joint electric and natural gas programs; however, customers will only be eligible for the portion of the program consistent with the energy service purchased from MidAmerican Energy
• MidAmerican Energy expects to implement its 2020-2023 Plan no later than January 1, 2020, pending Commission approval