

Obsessively, Relentlessly  
**At Your  
Service**



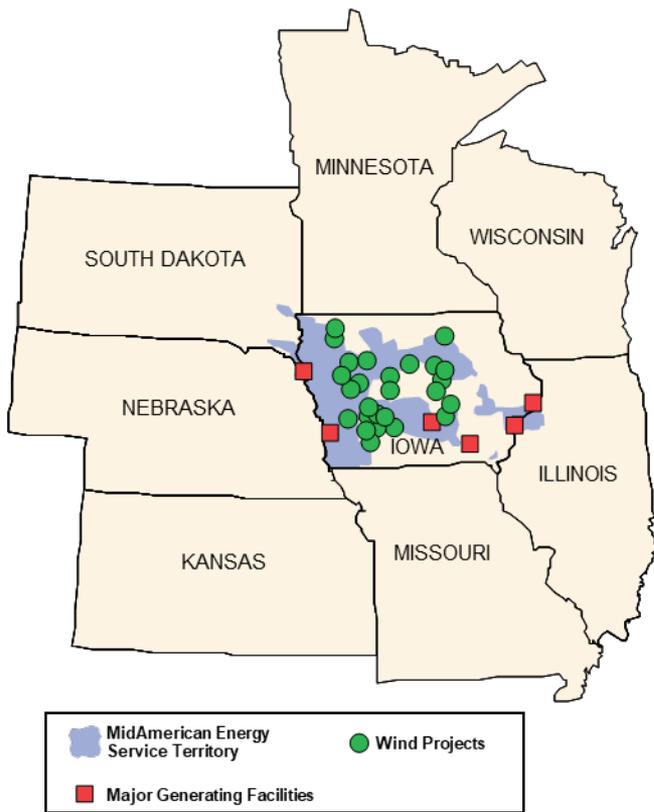
# 2020 Summer Preparedness

May 27, 2020





# MidAmerican Energy Company Overview



- Headquartered in Des Moines, Iowa
- 3,500 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
- 387 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 2020 forecast
  - MISO capacity auction procured 70 MW of the Illinois requirement

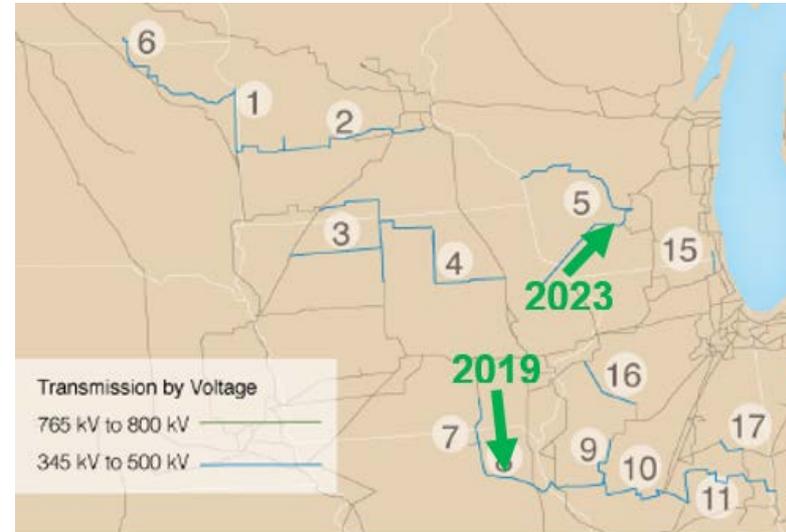
Year	Forecast	Peak Load (MW)	Unforced Capacity* Resources (UCAP MW)	Reserve Margin (%)	Reserve Margin Requirement (MW)	Capacity Excess of Load (MW)	Capacity Excess of MISO Requirement (MW)	DR + Customer Gen (MW)
2020	MidAmerican Energy system, normal weather	5,078	5,843	15%	5,322	765	521	278
2020	MidAmerican Energy system, extreme weather	5,442	5,843	7%	---	401	---	278
2020	MidAmerican Energy-Illinois, normal weather	448	395	-12%	465	(53)	(70)	23
2019	MidAmerican Energy system, actual peak, and all-time peak, July 19, 2019	5,095	5,524	8%	---	429	---	303

\* Unforced capacity in MISO is the capacity amount assigned after accounting for a resource's forced outage rate or availability



# 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 to be 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
  - 19% of Illinois customer outage minutes in 2019 were tree related (excludes major storm events)
  - 11.5% of Illinois customer outage minutes in 2019 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

- Central incident command center located in Des Moines, with capability to run remote storm centers in other service areas.
- *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 (~85% of customers), and via proactive text updates with enrollment.
- Modified storm communications to provide area updates.
- Increased number of certified drone operators throughout the service territory to reduce inspection and restoration times.

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### Outage Update

Below is the most recent update regarding your power outage or issue. We will continue to provide updated information as soon as it becomes available.

**Address Number(s):** 2230 APT 4  
**Start Time:** 02:01 p.m. 9/21/2017  
**Customers Impacted:** 16  
**Crew Status:** Working  
**Estimated Time of Restoration:** 06:00 p.m. 9/21/2017  
**Cause:** a weather related event

Select **pause** if you no longer want to receive updates for this issue. Updates will resume if future issues occur.

Thank you,  
MidAmerican Energy Company

888-427-5632

YouTube LinkedIn Twitter Facebook





# Outage Watch



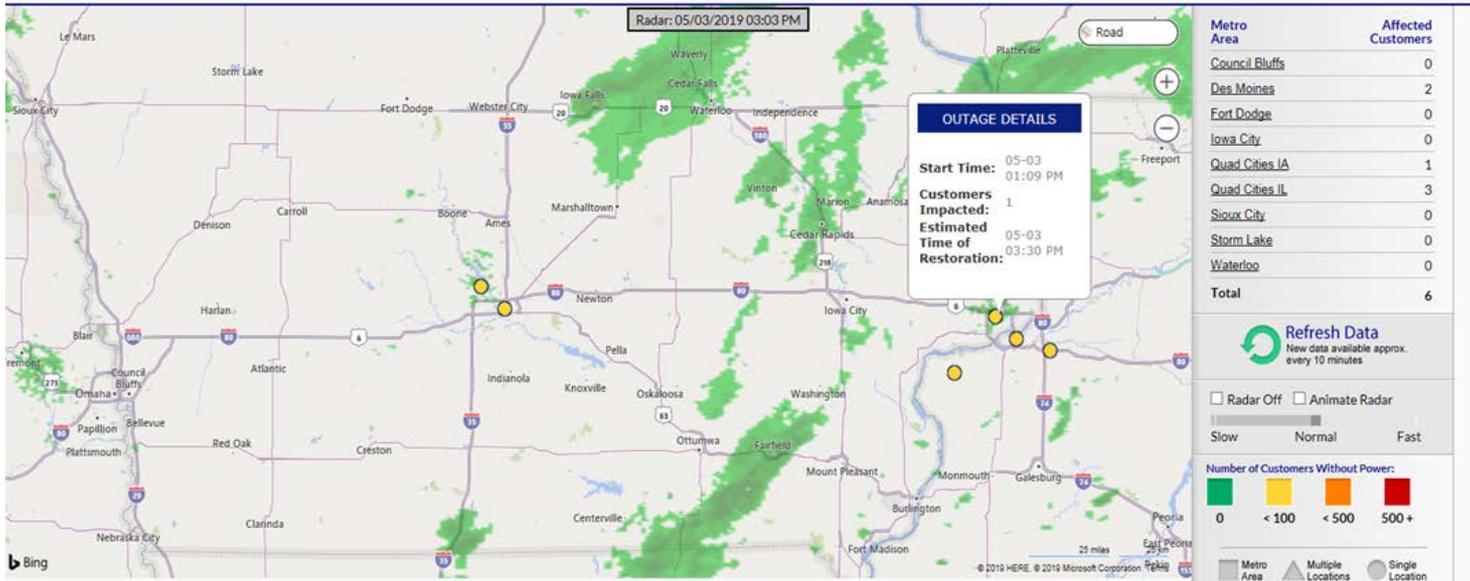
Report an Outage

Map City County Alerts

Caution: Stay far away from downed power lines.

For more outage details,

zoom in on the map or select from the City, County and Alerts tabs. Last Updated: 05-03 03:03 PM.



888-427-5632



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# COVID-19

- Pandemic Plans are a part of overall business continuity planning effort
  - Planning for a 40% absenteeism rate
  - A sequestration plan, should it be needed to protect the health of critical employees, support their families, and ensure that service is not interrupted to our customers
- Social distancing
  - Enhanced facility cleaning, employee temperature screening, and daily employee quarantine tracking
  - All critical space locked down and backup control/dispatch centers activated for further distancing
  - No in-person meetings allowed
  - Field crews working staggered shifts and not reporting in mass to service centers
  - Field crews respond one person per vehicle; only emergency work is being performed
  - Personal protective equipment (PPE) inventory maintained and distributed to all employees; full PPE use required for technicians entering residences
  - Other employees were spread out, and remote working is also continuing
  - Non-essential travel suspended



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