

2012 Organizational Leadership Recognition Presentation

Presented by:
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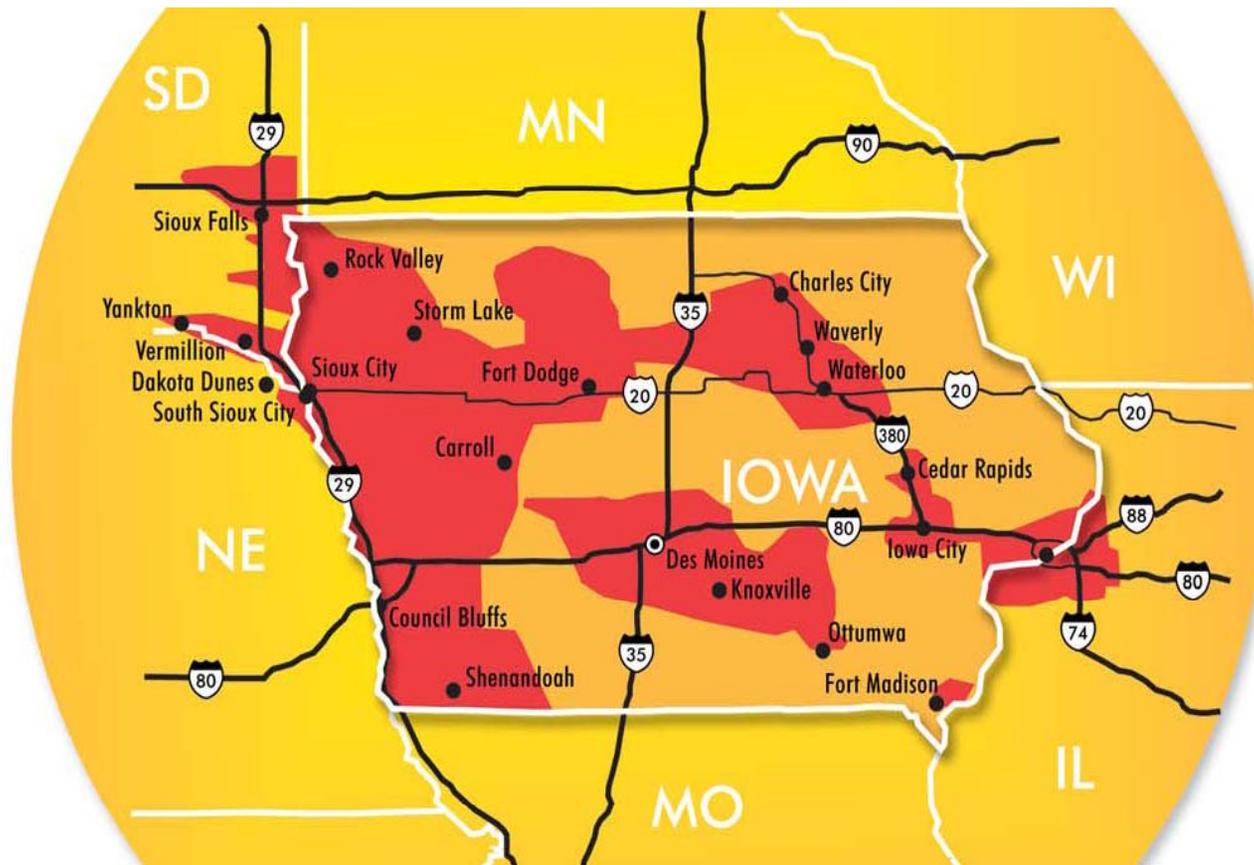


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- Overview of MidAmerican Energy Company
 - Investor-owned gas and electric utility
 - Headquartered in Des Moines, Iowa
 - Approximately 730,000 electric customers
 - Electric transmission and distribution systems at 345 kV, 161 kV, 69 kV, 13 kV, and 4 kV

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MidAmerican Energy Service Territory



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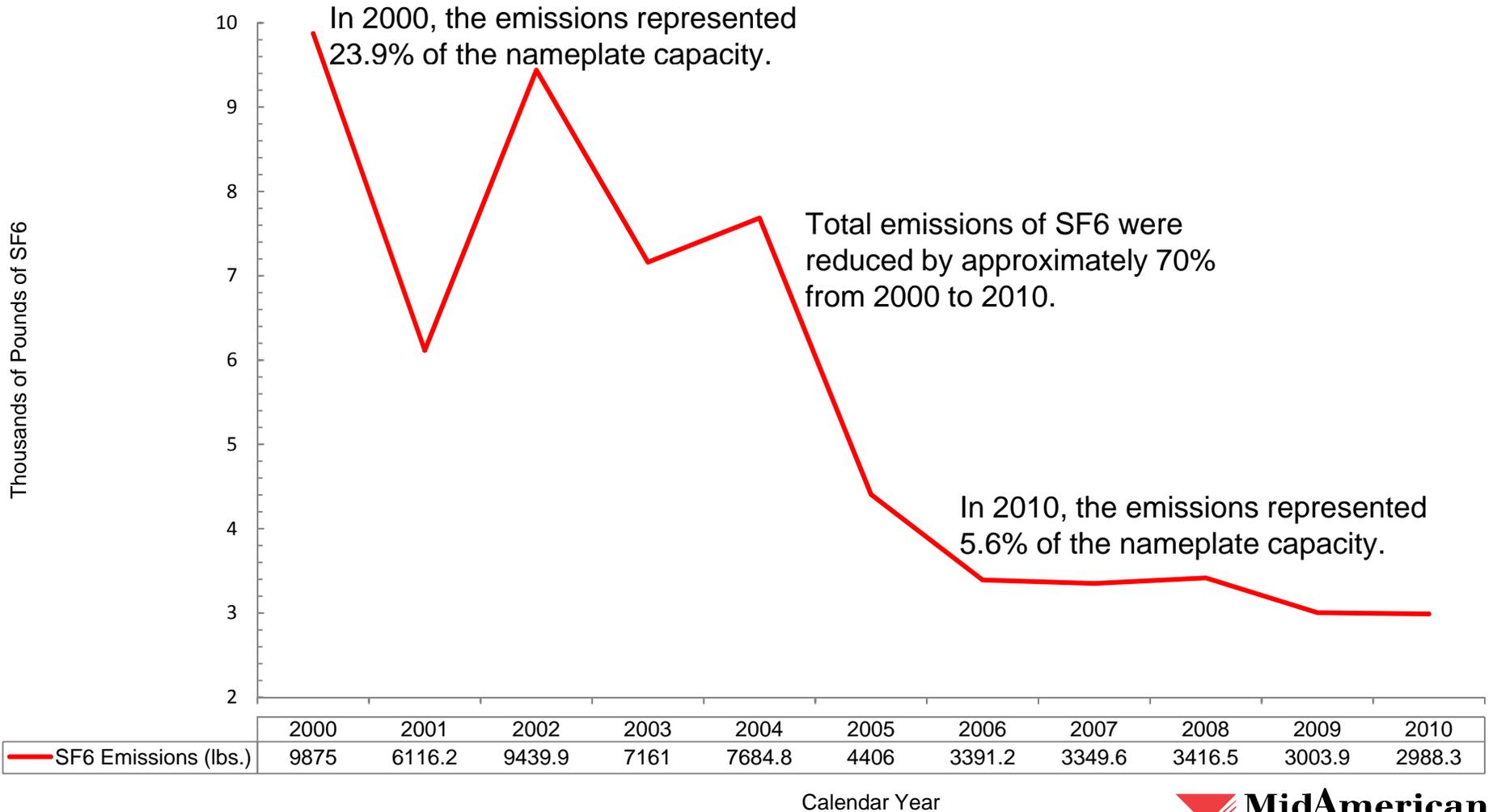
- MidAmerican Energy is committed to reducing its impact on the world's clean air. Strict compliance with all air-related regulations is a minimum requirement, and we strive to further minimize the impact we have on air quality. We continuously develop and implement strategies to improve our emissions performance.
- As part of MidAmerican Energy's environmental stewardship, we joined the EPA Partnership Program in 2004 to track and reduce SF₆ emissions from our electric transmission system.

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- From 2000 to 2010, MidAmerican Energy was able to reduce the emission of SF₆ to the atmosphere by 69.7%.
- During the same time period, MidAmerican Energy increased the number of SF₆ insulated breakers from 197 to 508, and increased the installed nameplate capacity by 29%.

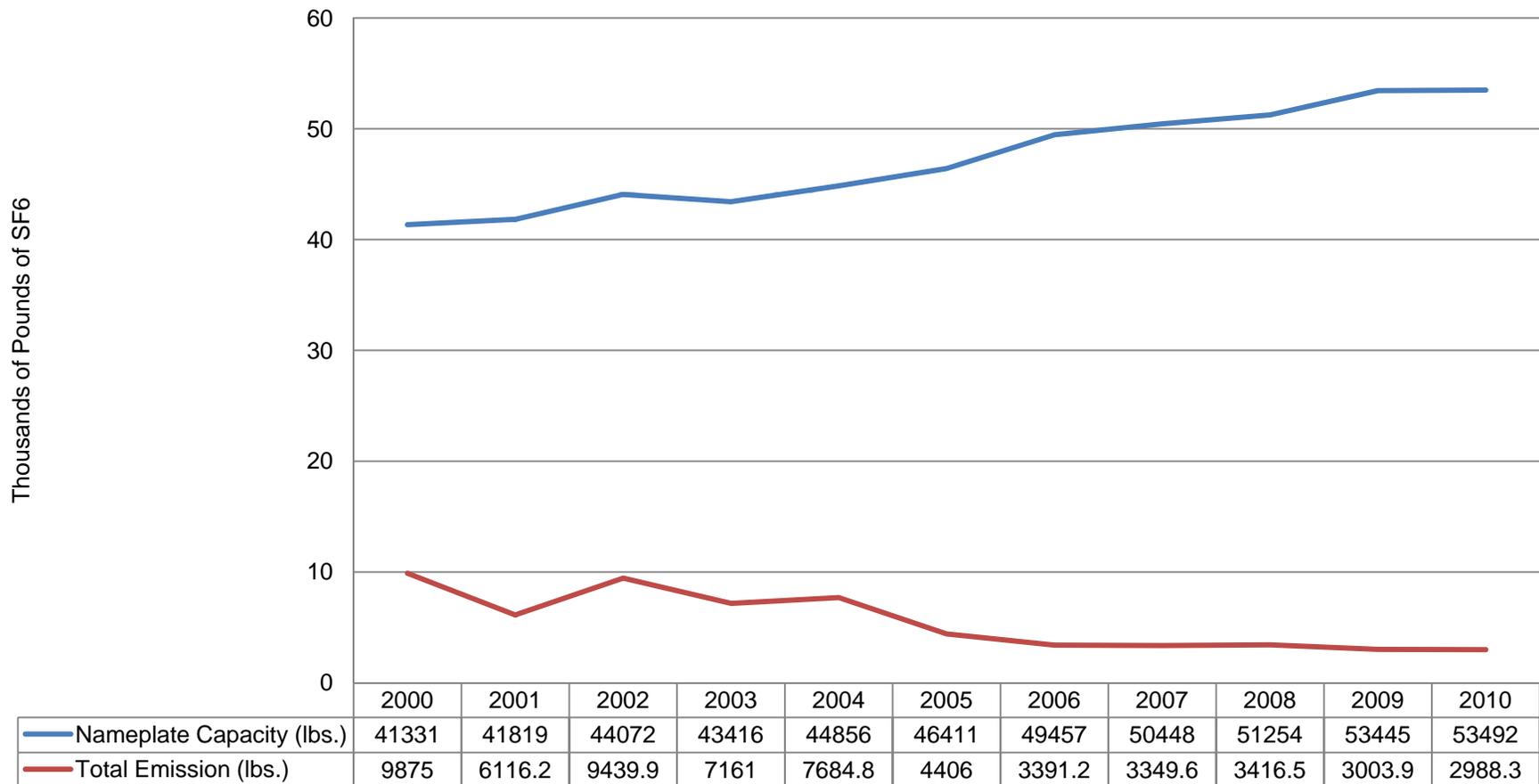
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Total Emissions of SF₆ Gas



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SF6 Nameplate Capacity and SF₆ Total Emissions

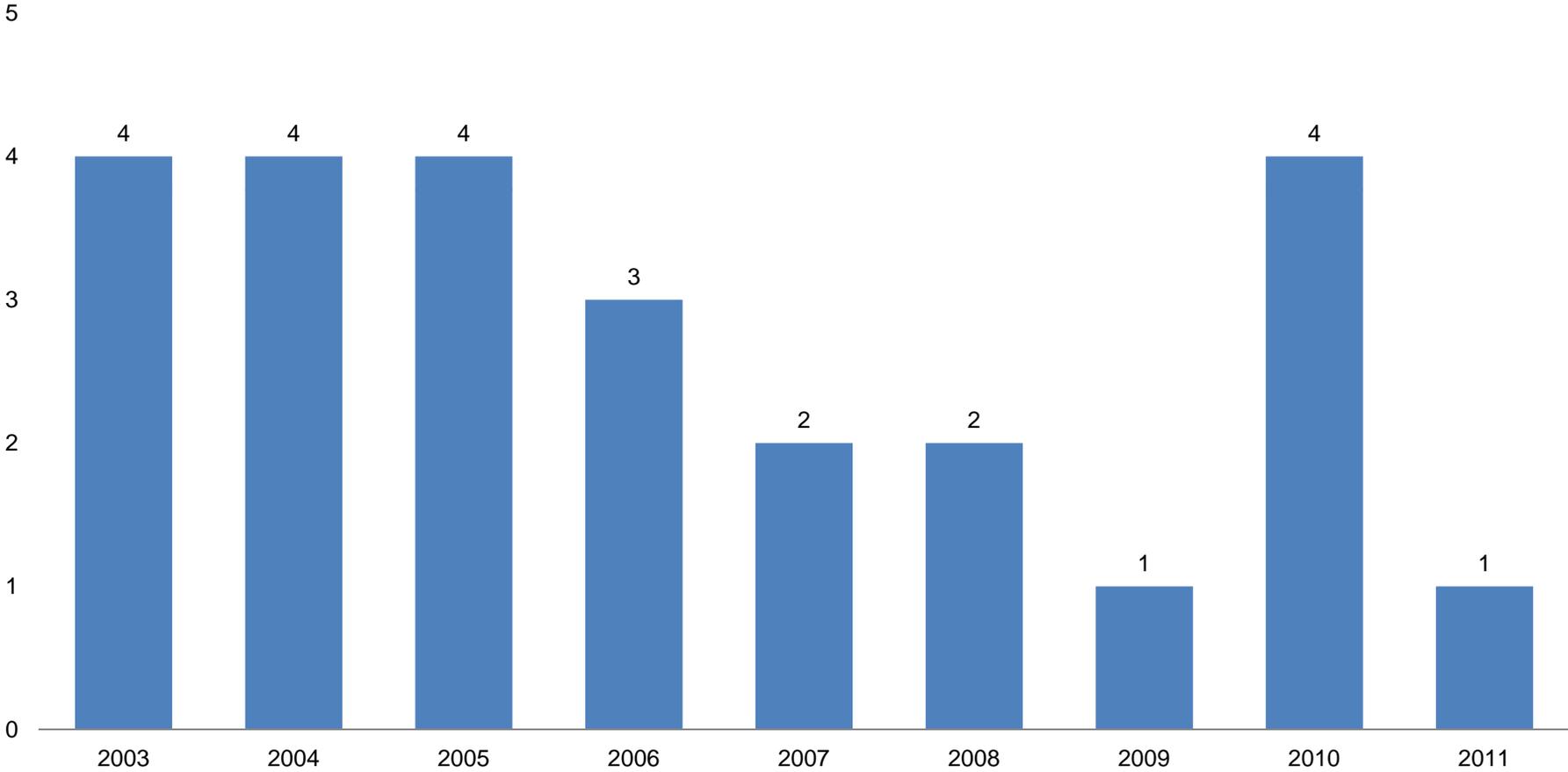


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- Circuit Breaker Replacement Program
 - The majority of the reduction was accomplished with the replacement of the high volume leaking circuit breakers.
 - The 25 worst-leaking circuit breakers were identified, and a capital improvement program was initiated to replace them. In 2004, these 25 circuit breakers accounted for approximately 80% of MidAmerican Energy's total emissions (approximately 6,000 lbs.).
 - On average, the new circuit breakers contain less than one half of the volume of gas the leaking breakers did.
 - We continue to identify the circuit breakers that are the highest volume leakers and evaluate their replacement.

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High Volume Leaking Circuit Breakers Replaced



■ Circuit Breakers Replaced



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- SF₆ Gas Usage Tracking Procedures
 - In 2004, MidAmerican Energy joined the EPA Partnership Program and implemented procedures to track total SF₆ gas emissions. These procedures were modified again in 2010 to improve the tracking SF6 usage.
 - Monthly review of gas usage and semi-annual inventories are completed by each operating area.
 - This information is reviewed, reported to management, and tracked companywide.
 - MidAmerican is in the process of implementing new procedures for 2012 to improve tracking of SF₆ emissions at the individual breaker level.

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- The monthly review of SF₆ gas usage includes:
 - Purchases of new SF₆ gas from supplier (additions to the inventory).
 - Returns of SF₆ to the supplier or sales or disposal of used gas (reductions of the inventory).
 - SF₆ gas installed in new circuit breakers.
 - SF₆ gas installed in existing circuit breakers (emissions).
- The semi-annual inventory of SF₆ gas includes:
 - Recording the weight of each bottle and/or trailer in our inventory in July and in late December.

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- SF₆ Gas Handling Procedures
 - New procedures were implemented in 2010.
 - All SF₆ gas purchases, storage, and filling operations are completed by MidAmerican Energy substation operations personnel.
 - SF₆ gas provided by the original equipment manufacturer is no longer acceptable and contractors are no longer allowed to fill equipment. This was implemented so one group within MidAmerican is responsible and accountable for the acquisition, installation, storage, and tracking of the SF6 used on our system.

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- MidAmerican Energy has successfully implemented procedures and policies to drastically reduce the rate of release of SF₆ gas into the atmosphere. MidAmerican Energy is a high-performing company focused on SF₆ reductions and will continue to develop and execute plans to further reduce emissions.

Questions?

