

Austin SHINES Update to the Austin Energy Utility Oversight Committee

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Austin Energy



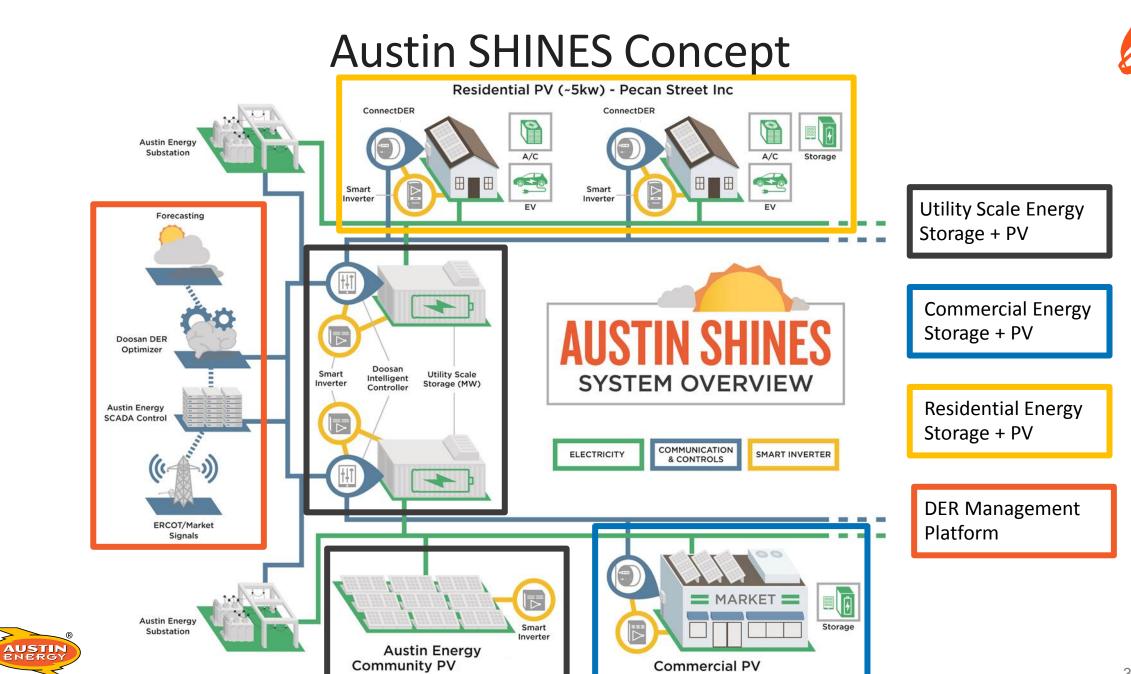


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Austin Energy's Vision

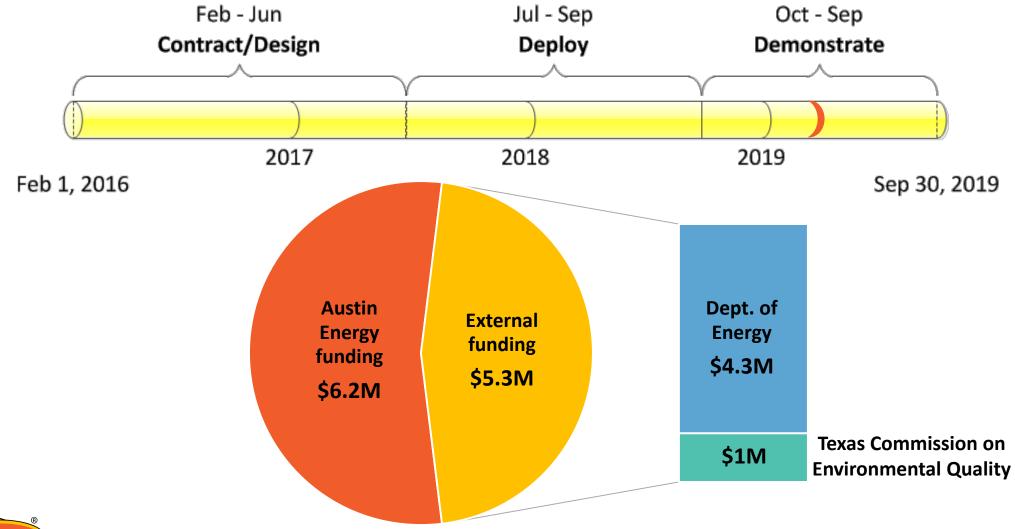
To drive customer value in energy services with innovative technology and environmental leadership







Project Timeline & Funding









La Loma Community Solar 2.6 megawatts (MW)

Kingsbery Energy Storage System 1.5 MW / 3 MWh

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Inside the Battery Container



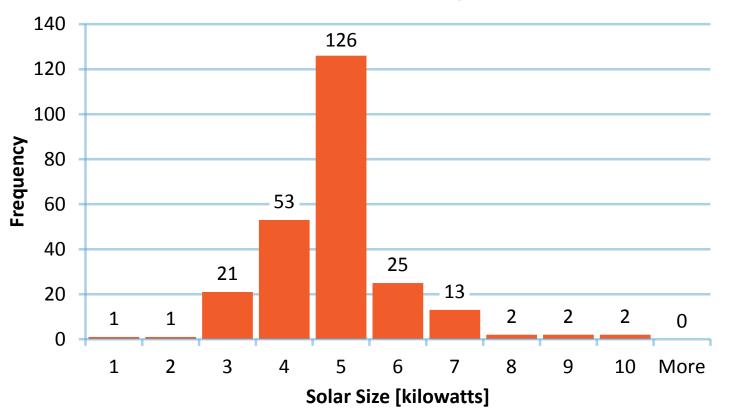




Solar on Mueller Circuit

246 Rooftop Solar Installations, ~1.1 MW total

Mueller Solar Size Histogram











Mueller Energy Storage System 1.5 MW / 2.5 MWh \$252 6262

Mueller Energy Storage Site

Educational Signage & Viewing Area Meets Mueller Neighborhood Design Guidelines

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HCP 1.2.6 2.968.19.10 33.39 CAUTION

DANGER

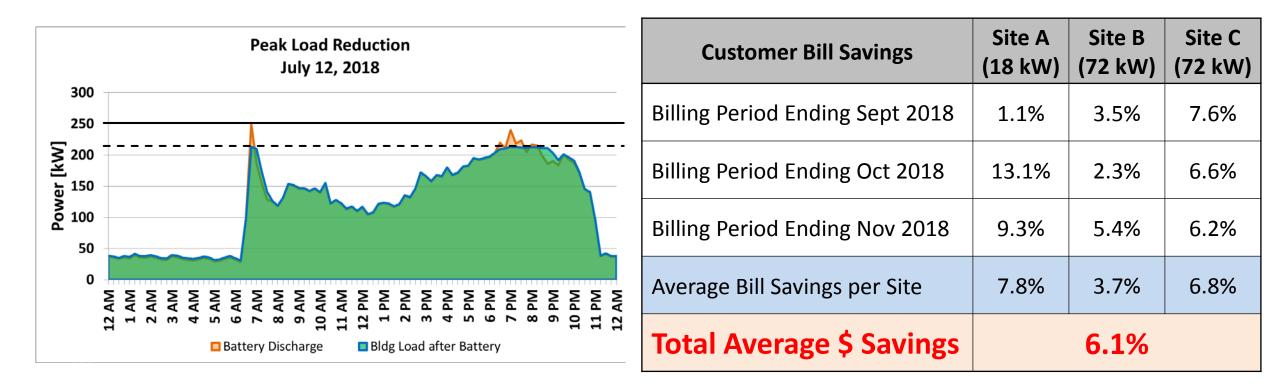
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DANGER

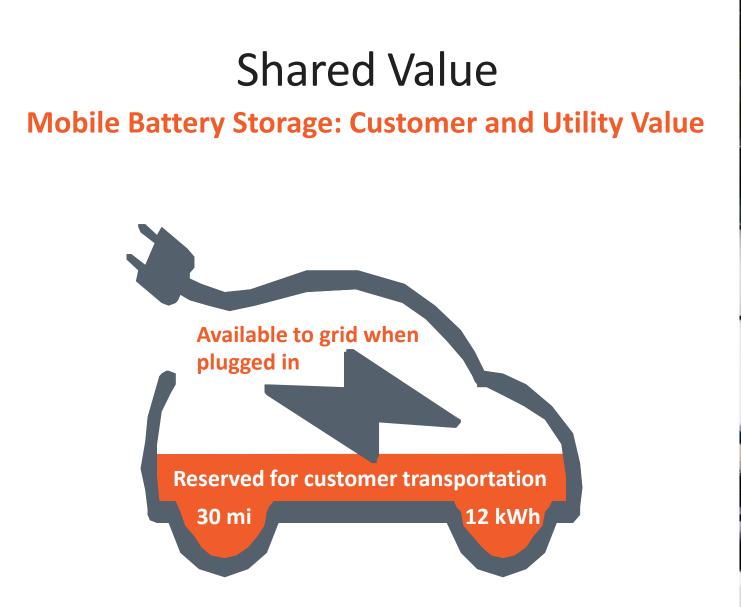


Value for Commercial Customers

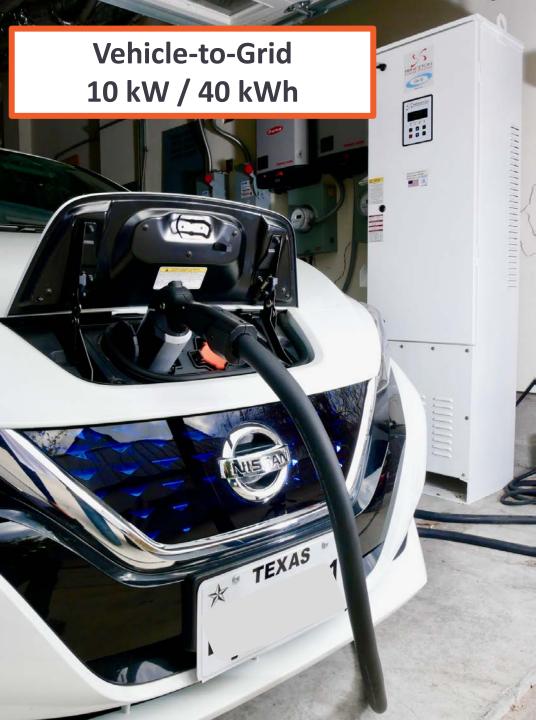
Demand Charge Reduction













Key Takeaways



Hands On Approach

Tremendous insight from installing these systems Complex in nature Each, a system of systems





Highest value proposition is reduction of Transmission Cost of Service

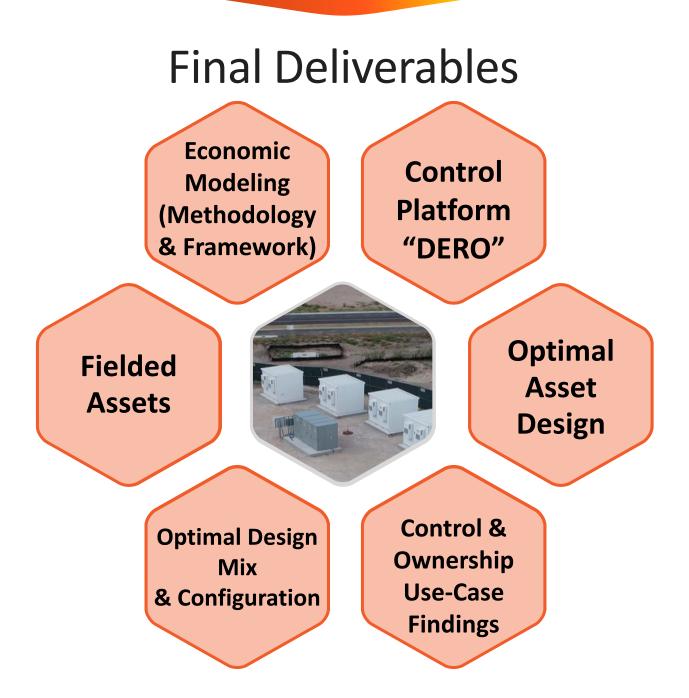
Reliability value will be more prominent as penetration increases



Forward Looking

Simulations provide added insight on the "what-if" scenarios

Provides preparation for the future





Award Recognition



2017 Utility of the Year
2018 Smart 50 Award
2018 Grid Edge Innovation Awards
2018 Public Power Utility of the Year
2018 Greater Austin Business Awards

SmartCitiesDIVE Smart Cities Connect Green Tech Media Smart Electric Power Alliance Austin Chamber of Commerce







Customer Driven. Community Focused.



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