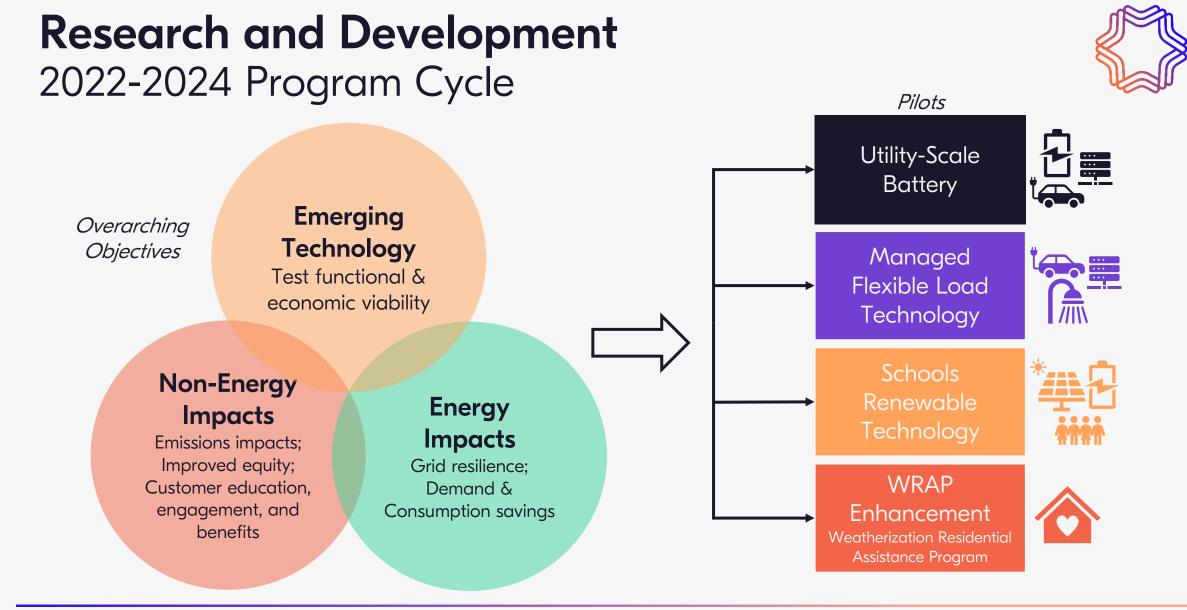


Pilots, Pilots, Pilots: How OG&E is Breaking Ground (Again)

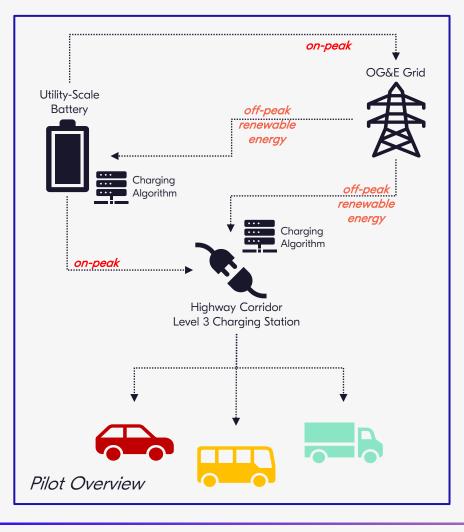
November 15, 2022 Presented at BECC 2022 Abigail Nguyen | Applied Energy Group Jessica King | Supervisor of Customer Programs, Oklahoma Gas & Electric Co.





Utility-Scale Battery Pilot



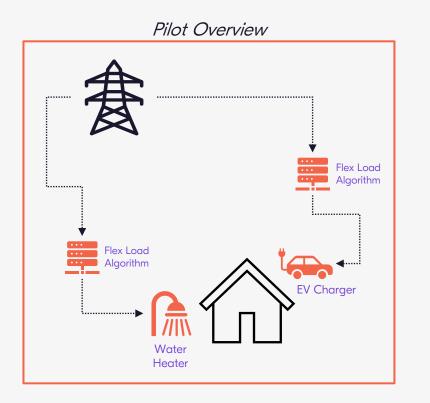


Evaluation

- *Functional viability* reliability, safety, security
- <u>Economic viability</u> cost-benefit analysis, estimate value to consumers
- <u>Energy impacts</u> DR/AS/LS capability, grid resilience
- <u>Non-energy benefits</u> green energy use, decreased carbon footprint
- <u>Customer engagement</u> collect consumer feedback, increased program awareness & participation

Managed Flexible Load Technology Pilot





Implementation

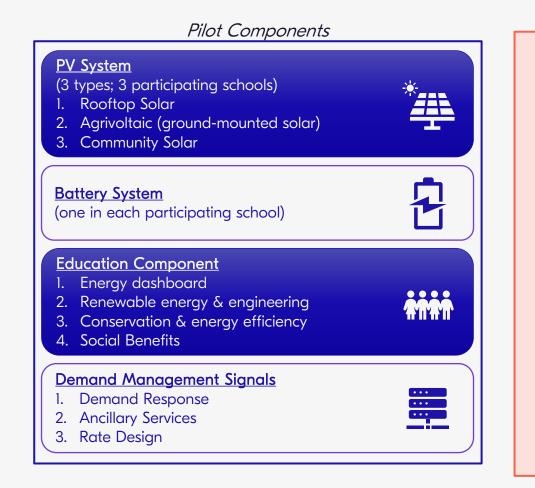
- EV Chargers field test flex load algorithm
- Water Heaters currently lab testing; move into field testing

Evaluation

- *Functional viability* reliability, safety, security
- <u>Economic viability</u> cost-benefit analysis, estimate value to customers
- <u>Energy impacts</u> DR/AS/LS capability, changes to overall consumption, grid resilience
- <u>Non-energy benefits</u> green energy use, decreased carbon footprint
- <u>Customer engagement</u> feedback, program awareness & participation

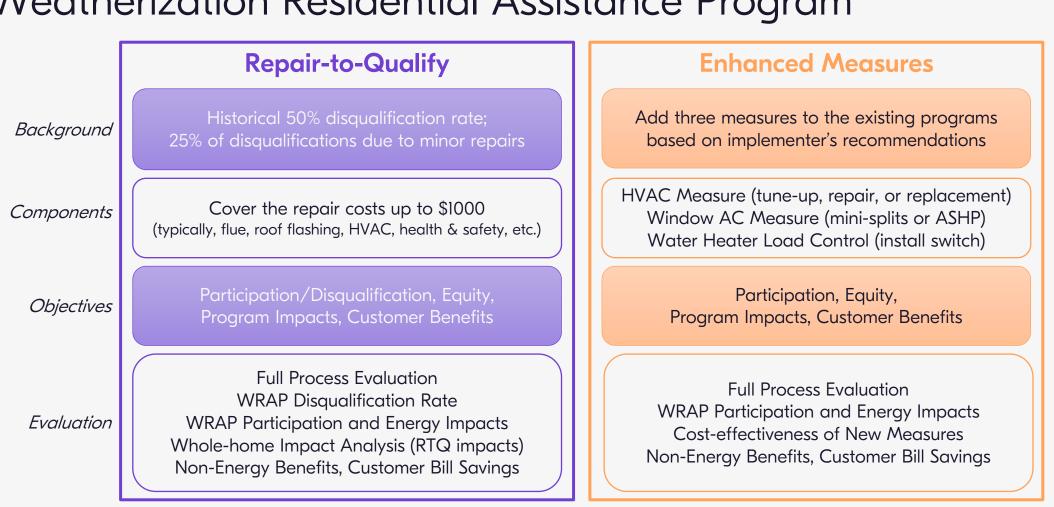
Schools Renewable Technology Pilot





Evaluation

- *Functional viability* reliability, safety, security
- <u>Economic viability</u> cost-benefit analysis, estimate value to schools
- <u>Energy impacts</u> DR/AS/LS capability, changes to overall consumption, grid resilience
- <u>Non-energy benefits</u> green energy use, decreased carbon footprint, increased equity
- <u>Customer engagement</u> collect school & community feedback, increased student engagement in STEM education, increased program awareness & participation



WRAP Enhancement Pilot

Weatherization Residential Assistance Program

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