

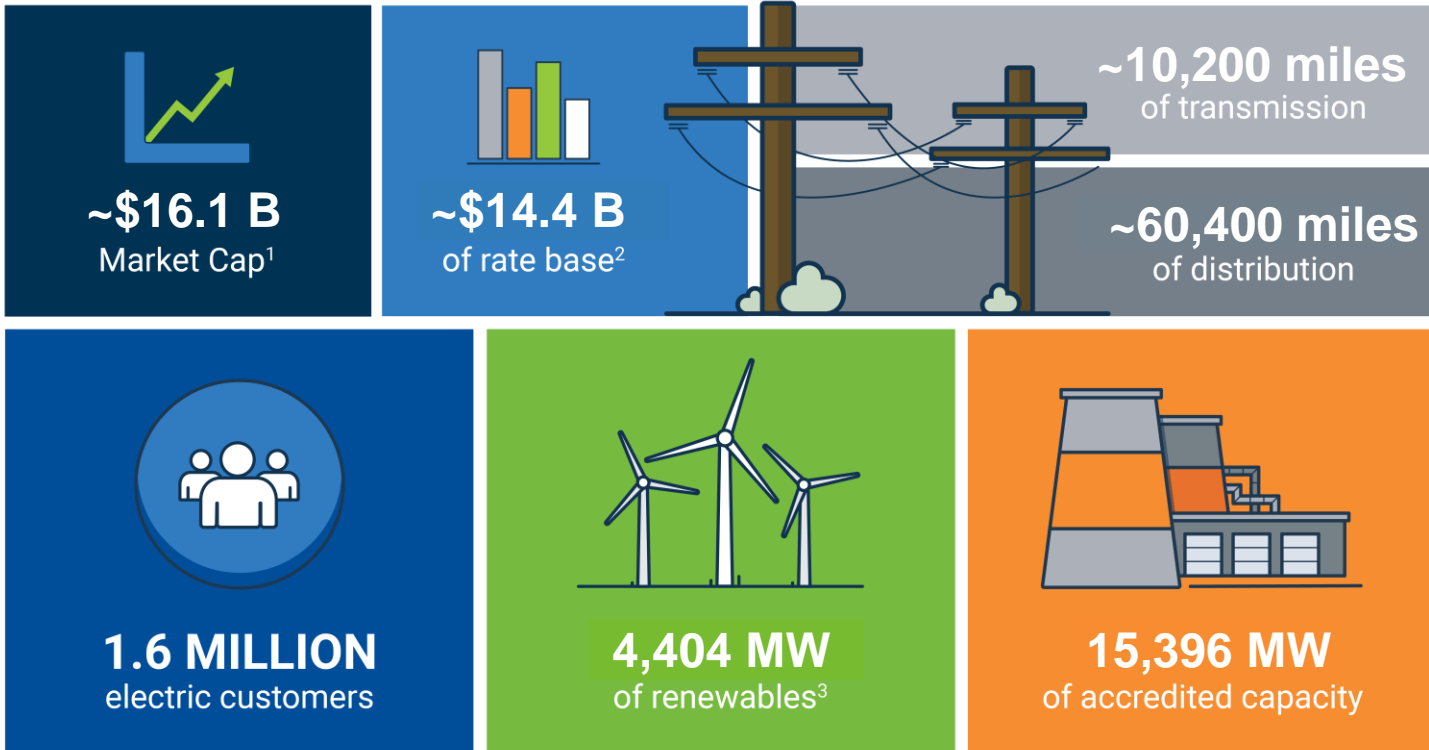


Evergy Emission Reductions

June 2022

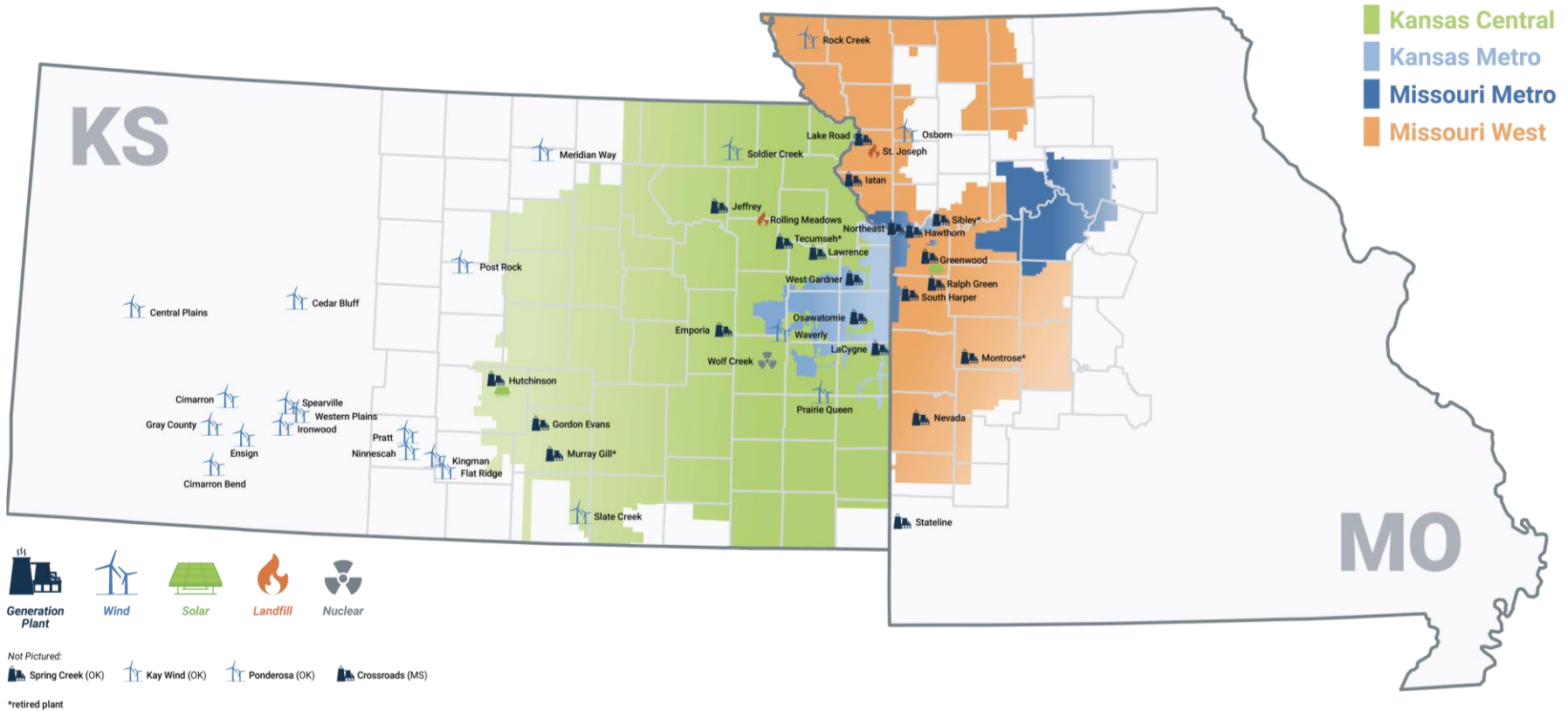


Evergy By the Numbers



1. Market cap as of 6/1/22.
2. Estimated as of 12/31/21 based on ordered and settled rate cases.
3. Renewables include both owned and purchase power agreements as of 12/31/21.

Combined Service Territory

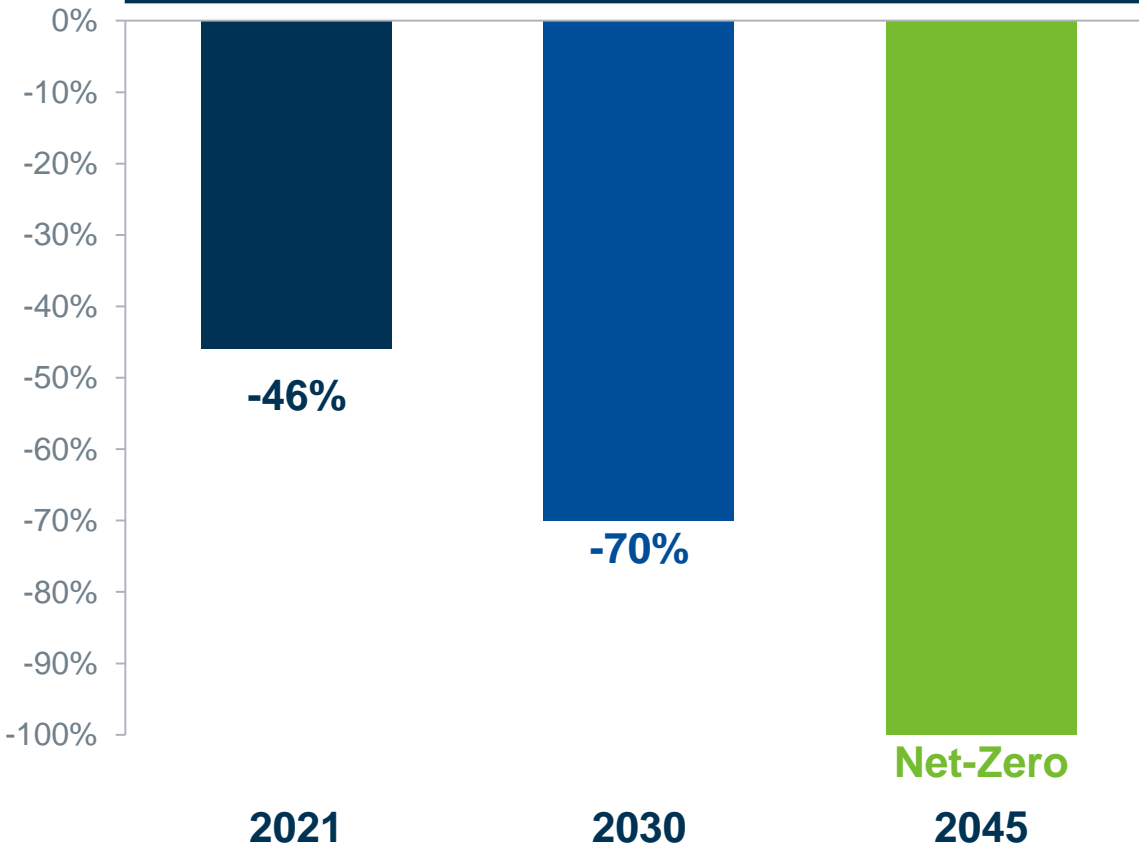


Excludes Crossroads Generating Station in Mississippi and Spring Creek Energy Center in Oklahoma

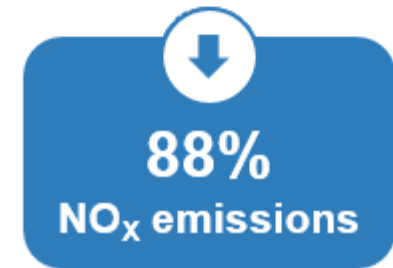
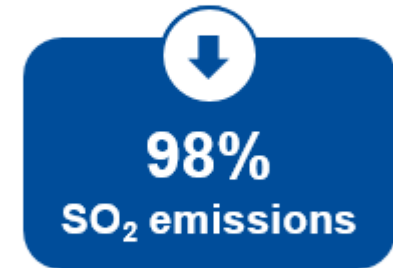
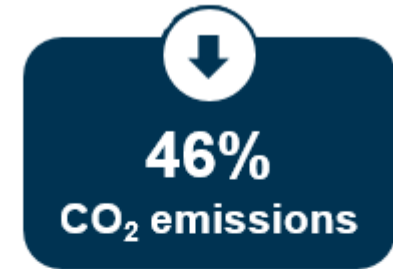


Environmental Performance

CO₂ Emission Reductions Targets¹



Achieved Emissions Reductions



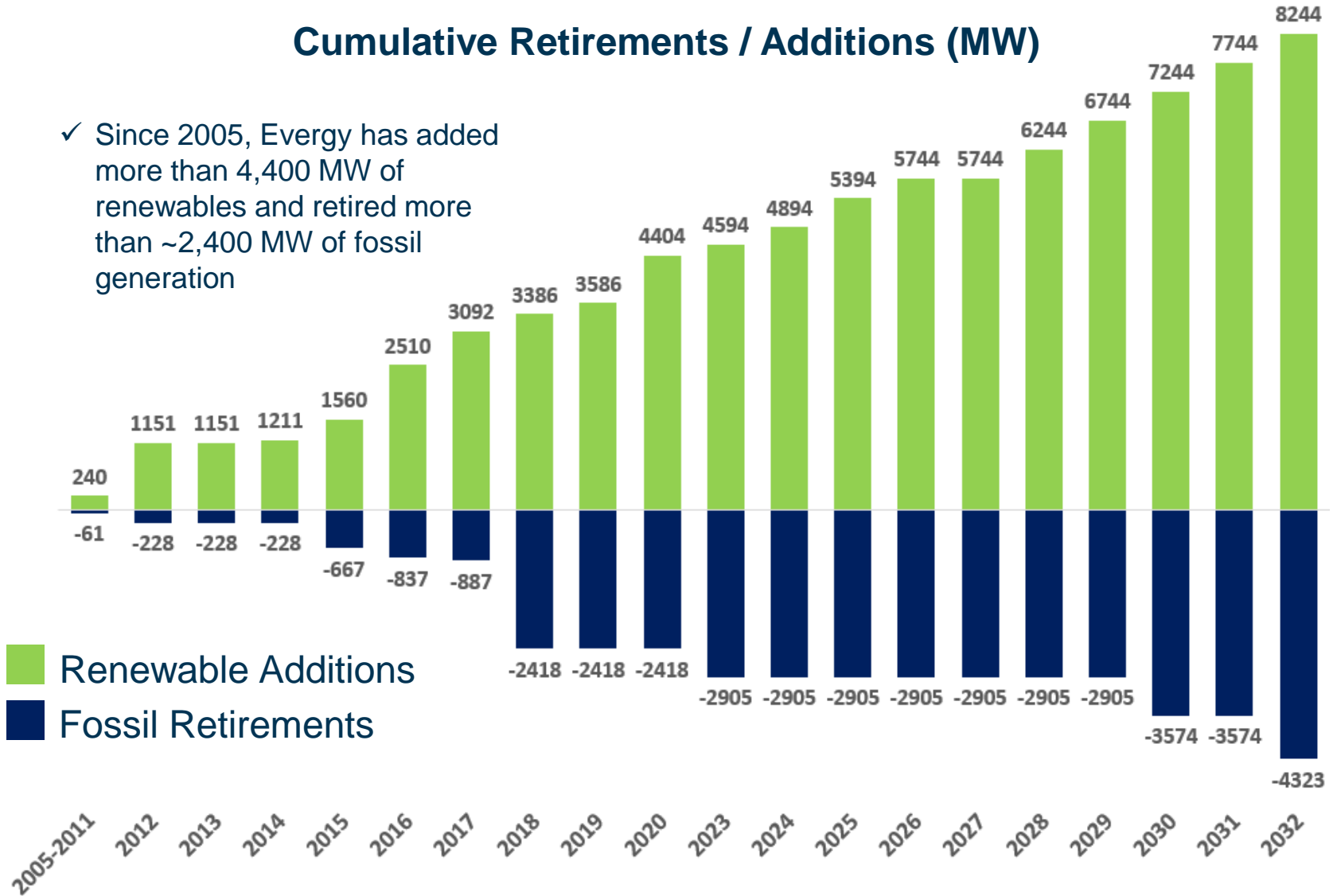
Note:

1. Targets and achieved emissions vs. 2005 levels

Generation Portfolio Transition

Cumulative Retirements / Additions (MW)

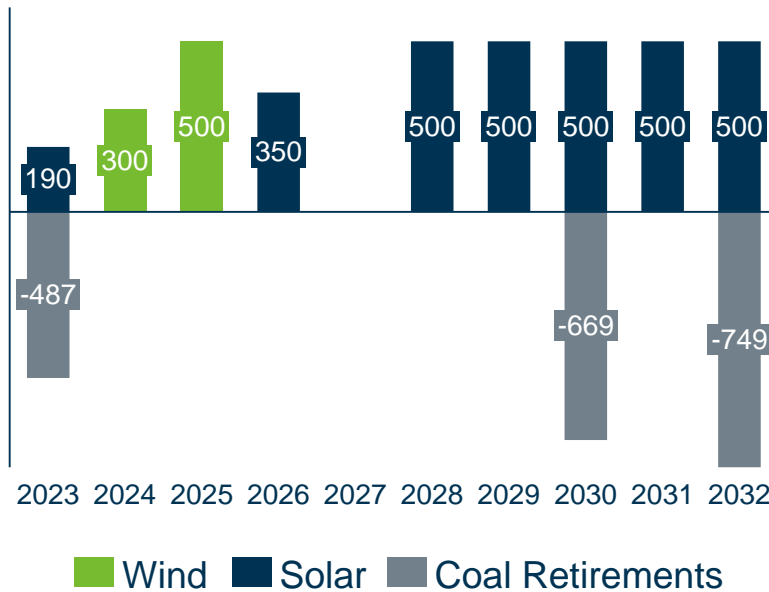
✓ Since 2005, Evergy has added more than 4,400 MW of renewables and retired more than ~2,400 MW of fossil generation



■ Renewable Additions
■ Fossil Retirements

Energy Transition Path Forward

Projected Additions & Retirements (MW)¹



3,040 MW of solar



800 MW of wind

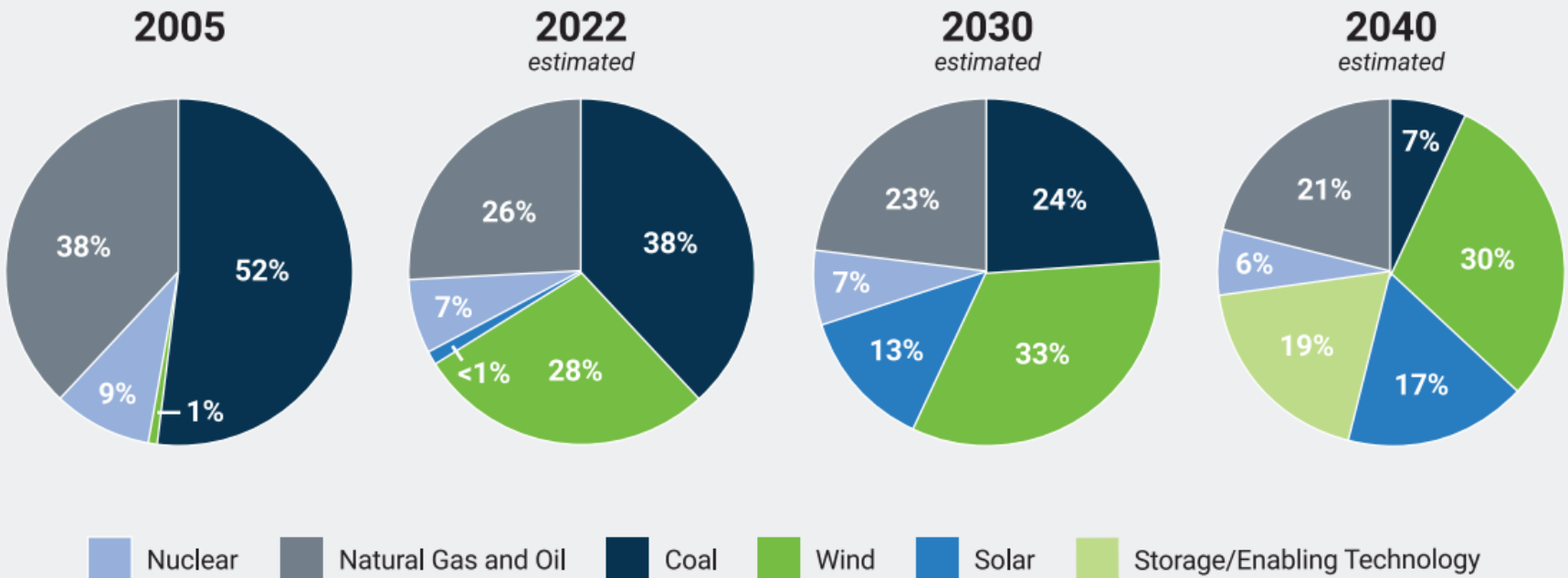


1,905 MW of coal retirements

Energy is planning to add over 3,800 MW of renewables and retire over 1,900 MW of coal through 2032.

Generation Makeup

Generation Capacity by Fuel Type



Our goal is to achieve net-zero carbon emissions by 2045.

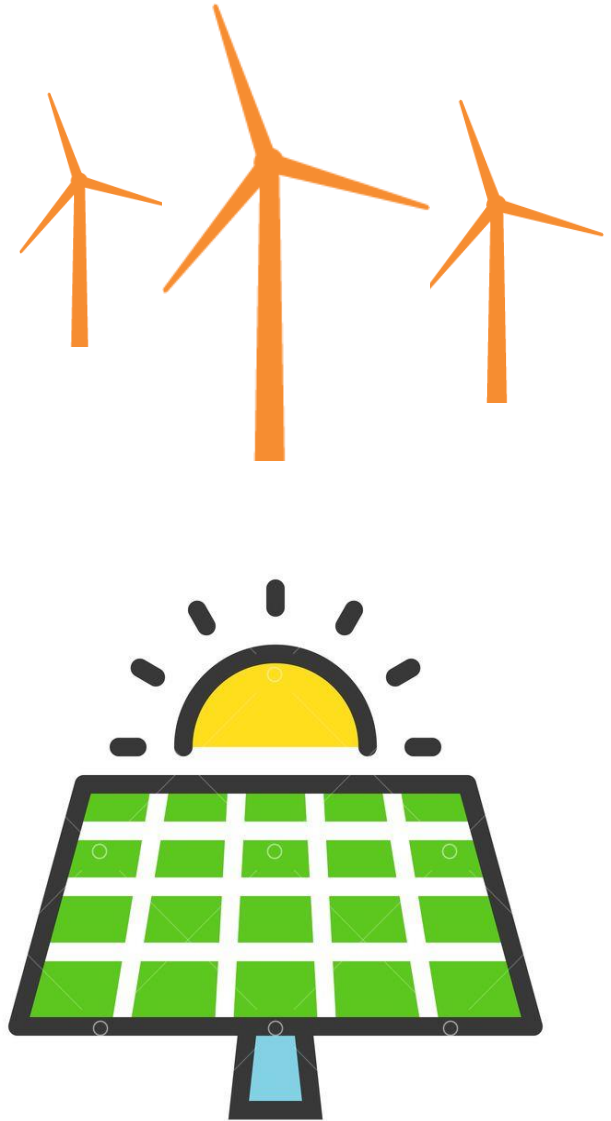
Considerations

Energy transition

- Regulated utilities - renewable projects must provide an economic benefit for customers
- Ownership vs Power Purchase Agreement (PPA)
 - Ownership can benefit shareholders
 - Power price volatility
 - Uncertainty in grid congestion
 - 3rd party financing options
 - Solar tax credit normalization
 - Regulatory uncertainty for full cost recovery
- Securitization is a very helpful tool for plant retirements

Existing Assets

- Disallowance risk for overcompliance
- Most of our units are fully controlled



Questions