

## Projects in Development

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WindSoHy has several large-scale wind/CAES/H2 projects in the early stages of development:

- Orsemus Wind Farm Coalition      300-600 MW
- Northwestern Kansas                400-1,000 MW

For additional details on these projects, click on the small links at the top right of this page.

In addition to Texas and Kansas projects, WindSoHy is planning wind, solar, hydrogen, and energy storage projects for clients in the Midwest and in Asia. WindSoHy's sites are some of the best in the United States, possessing Category-4 or better wind resources. Another important factor in WindSoHy's site selection are the geological formations needed for the development of Compressed Air Energy Storage (CAES) plants. WindSoHy's Kansas and Texas sites possess the wind resources and geological formations needed to transform superior off-peak wind into commercially desirable baseload electrical power using the CAES process.

WindSoHy's sites also have abundant supplies of wastewater needed for the electrolysis in making hydrogen. WindSoHy will use the newest and most highly efficient industrial-scale electrolyzers. Using wind power at night to power the electrolyzers creates H2 that is cheaper than natural gas. The H2 will be used in the Compressed Air Energy Storage (CAES) electricity generation process to heat the stored air before it enters the combustion turbine. Using H2 in this way will create 100% sustainability in WindSoHy's power generation process. For more information on solar and hydrogen projects in planning, see our "Technologies" section. New layer...