



ALTERNATIVE ENERGY

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ENERGY

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DELIVERING INTEGRATED SOLUTIONS THAT ARE BUILT TO LAST.



ALTERNATIVE ENERGY

From providing power to remote locations off the utility grid, to finding more sustainable energy solutions, providing reliable backup power and improving outputs from existing renewable energy sites with battery storage, Coffman's engineering capabilities will bring life to your projects. Our experience includes stand-alone and building integrated designs for wind, solar, biomass, energy storage, CHP, micro turbines, flywheels, fuel cells, and recovered heat projects across the Western United States, Alaska, and the Pacific Rim.

Our unique energy sector projects include wind turbine foundation designs in arctic permafrost, combined heat and power plants (CHP), ground and roof mounted solar arrays in tropical environments, battery storage facilities in the desert, biomass district heating systems, and microgrid installations in extremely remote and urban environments.

Coffman provides engineering support to developers, independent power producers, construction contractors, electric utilities, local, state and federal agencies, and industrial clients. Services include multi-discipline design for a wide range of projects, feasibility studies, permitting, RFP preparation support, fabrication and construction support and assistance in an Owner's Advisor role.

The Coffman team also has considerable experience in detailed Front-End Loading (FEL) project development processes. Evaluating projects early on can save clients significant effort by not pursuing poorly defined or uneconomical projects.

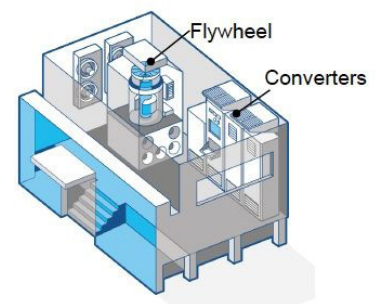


ABB Powerstore



BUILDING INTEGRATED RENEWABLES

Coffman has a long history of incorporating local energy resources such as solar, wind, wood heating, battery storage, and ground-source heat pumps into facility designs. Project types range from power plants to rural schools to federal government facilities to leased commercial real estate and power plants. Coffman's focus is on designing systems that maximize customer benefit while addressing the underlying business objectives such as resiliency, LEED certification, utility grid services, or pure economics.

FIT FOR PURPOSE ENGINEERING

- ▶ We provide our clients with the services they need to get the job done.
- ▶ Project documentation varies with client requirements.
- ▶ Documentation is appropriate to the construction contracting method.

COFFMAN CAPABILITIES

- ▶ Wind Energy
- ▶ Solar Power
- ▶ Biomass
- ▶ Combined Heat and Power
- ▶ Fuel Cells
- ▶ Battery Energy Storage Systems
- ▶ Microgrids
- ▶ Hydrogen
- ▶ EV Charging Stations
- ▶ Flywheels



20

Office Locations

43

Years in Business

680+

Staff Companywide

ABOUT COFFMAN

For over 43 years, Coffman Engineers has provided clients with multidiscipline engineering solutions. Our services include civil, structural, mechanical, process, electrical, fire protection, acoustics, commissioning, instrumentation and controls, corrosion control, alternative and renewable energy, and land surveying. Coffman's 600+ employees serve clients in the U.S. and internationally from 20 offices located from coast to coast.

Coffman has had a dedicated Alternative energy group since 2010 and currently has an Alternative energy Office champion in each office to support local and regional pursuits. Coffman also has corporate leads for Energy Storage, Hydrogen, Microgrids, and Biomass energy projects.

Coffman has been working on wind power, alternative energy, combined heat and power and Microgrids since 1990.

For firm information, visit www.coffman.com or follow us on LinkedIn, Facebook, Instagram, and Twitter.

CONTACT US



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