CASE STUDY

Tradition Energy

Renewable Energy Products

Largest renewable energy project in the history of the military reduces consumption and costs at Fort Hood

Fort Hood implemented an innovative energy procurement solution that combined onsite and offsite renewables with conventional energy supply.

Services Provided

- Market Research & Intelligence
- Strategic Risk Management
- Supply Management & Procurement: Renewable Energy (Solar, Wind), Conventional Electricity

Opportunity

- Fort Hood is a Military Base located near Killeen, Texas, currently supporting approximately 218,000 military personnel and their families, the most populated American military area in the world.
- In 2014, Fort Hood issued an RFP with the goal to reduce its overall spend on energy and incorporate renewables into its energy procurement mix.
- The Fort wanted to structure a deal that would provide them with offsite wind and onsite solar energy as part of a long-term retail electricity supply agreement.

Approach

- For the Base to receive power from a specific renewable project, the energy needed to be physically served to Fort Hood by a Retail Electricity Provider (REP) who would “stand in between” the green project and the Base in order to provide the structure, and all other required retail services to deliver the power.
- Apex Clean Energy (Wind Developer) and MP2 Energy (REP) collaborated to provide retail electricity supply with an onsite-solar and offsite-wind hedge that was combined into a single product.

Results

- Members of Tradition’s team led the internal team at MP2 Energy that developed and structured the innovative solution. ***The end product enabled Fort Hood to install onsite solar, take physical delivery of 65 Megawatts offsite wind, and combine both into a single retail electricity supply agreement, which resulted in the single largest renewable energy project in the history of the military.***
- This innovative renewable energy/retail product provided Fort Hood with a simple structure to receive the desired renewable energy via a familiar contracting mechanism with much of the renewable-related risk managed by the retail electricity provider (MP2 Energy).