

Eos Renewable Energy Knowledgebase

WIND TURBINE GENERATORS, SOLAR, BATTERY STORAGE, AND EV CHARGING KNOWLEDGBASE

Designed for use with Sage Estimating, the Eos Renewable Energy Knowledgebase supports construction cost estimating for utilities, developers and owners, design engineers, and contractors in the areas of wind turbine generators, photovoltaic solar, electrical energy storage, and electric vehicle charging. It includes coverages for:

- Wind turbine generators and wind farms
- Solar generation farms, small individual solar installations, and rooftop solar
- Inclusion or addition of energy storage (battery systems)
- Electric vehicle charging stations

Over 34,000 items provide ample detail for estimating these projects in detail. Numerous assemblies and models in the knowledgebase expedite the takeoff process in Sage Estimating

Like all the knowledgebases developed by Eos Group, the Eos Renewable Energy Knowledgebase follows Eos's modular design specifications, which means Eos can expand it or merge it with other modular Eos knowledgebases or RS Means knowledgebases without conflicts or renumbering.

Supporting content includes:

- Wind turbine generators (WTG) and erection cranes
- Meteorological monitoring towers
- Photovoltaic (PV) panels, mounting systems, wiring, combiners, and inverters
- Energy storage systems (ESS)
- Electric vehicle (EV) charging stations
- Site work – clearing, grading, earthwork, paving, fencing, storm drainage
- Foundations – simple concrete foundations to heavy tower foundations, piles, and drilled shafts
- Underground conduit and wiring – low and medium voltage, including HDD
- Above ground conduit and wiring – low and medium voltage
- Overhead lines – medium voltage
- Grounding and bonding
- Utility buildings, lighting, and site lighting
- Switchgear, transformers, and other electrical equipment

Excluded are utility connections, substations, and transmission lines. Coverage of those components are available in the Eos High Voltage Knowledgebase.