



Tab 4: Detailed Description of the Project

Bright Arrow Solar, LLC is a 300 MW/AC solar electric facility that will be located in northern Hopkins County within Sulphur Springs Independent School District.

The project will be comprised of approximately 867,000 photovoltaic panels and 85 central inverters and is being developed by RWE Renewables Americas, LLC.

RWE Renewables Americas, LLC is one of the world's largest owners of renewable power projects and is rapidly expanding its wind, solar, and energy storage portfolio. The company develops, owns, and operates some of the most efficient, highest performing renewable energy projects in the United States. The mission of RWE Renewables is to deliver renewable energy from technologies that address the growing concern of energy security, energy affordability, and climate change.

Please Note: This application covers all qualified property in the reinvestment zone and project boundary within Sulphur Springs ISD, including the following:

- Substation
- Transmission Line
- Inverter Boxes
- Foundations
- Roadways, Paving, & Fencing
- Racking & Mounting Structures
- Meteorological Towers & Equipment
- Interconnection Facilities
- Solar Modules & Panels
- Associated Towers
- Combiner Boxes
- Operation & Maintenance Buildings
- Underground Electrical Collection Cables
- Access Roads
- Battery Storage*

Generation of Solar Energy:

When sunlight strikes a photovoltaic panel, photons from the sun's energy are absorbed by the semiconductors that compose the photovoltaic cells in the panel. After the semiconductor absorbs enough of these photons, electrons are dislodged from the atoms. These electrons then flow to the front of the cell, creating an imbalance in charge due to their negative properties. This imbalance creates a voltage potential which in turn is collected by electrical conductors in the cell and carried to either storage batteries or circuits to provide power.

*Battery storage will only be used to store energy created by the qualified property.



Tab 7: Description of Qualified Investment

Bright Arrow Solar, LLC requests that the limitation covers all qualified investment and qualified property located within Sulphur Springs ISD. It is our request that the limitation includes all eligible and ancillary equipment including the following:

- Substation
- Transmission Line
- Inverter Boxes
- Foundations
- Roadways, Paving, & Fencing
- Racking & Mounting Structures
- Meteorological Towers & Equipment
- Interconnection Facilities
- Solar Modules & Panels
- Associated Towers
- Combiner Boxes
- Operation & Maintenance Buildings
- Underground Electrical Collection Cables
- Access Roads
- Battery Storage*

Please Note: This application covers all qualified property in the reinvestment zone and project boundary within Sulphur Springs ISD.

*Battery storage will only be used to store energy created by the qualified property.



Tab 8: Description of Qualified Property

Bright Arrow Solar, LLC requests that the limitation covers all qualified investment and qualified property located within Sulphur Springs ISD. It is our request that the limitation includes all eligible and ancillary equipment including the following:

- Substation
- Transmission Line
- Inverter Boxes
- Foundations
- Roadways, Paving, & Fencing
- Racking & Mounting Structures
- Meteorological Towers & Equipment
- Interconnection Facilities
- Solar Modules & Panels
- Associated Towers
- Combiner Boxes
- Operation & Maintenance Buildings
- Underground Electrical Collection Cables
- Access Roads
- Battery Storage*

Please Note: This application covers all qualified property in the reinvestment zone and project boundary within Sulphur Springs ISD.

*Battery storage will only be used to store energy created by the qualified property.