

Crown Orchard Solar Project

August 21, 2024

Albemarle County Board of Supervisors Public Hearing



Crown Orchard Solar Project



- 491.7kW solar PV array to offset all electrical usage for 16 meters owned by the Crown Orchard Company. Meters support variety of commercial, agricultural & residential services.
- Solar array will be installed near existing cold storage facility for apples. Approximately 40 acres of peach trees are grown on this property as well.
- Area used for solar array to cover approximately 1.5 acres. Entire parcel is 364.58 acres.
- Other than new power pole installed by utility company, equipment and structures will be no higher than about 10' above grade.
- No noise, dust, nuisance to neighbors or burden on public infrastructure or utilities is expected.



Crown Orchard Solar Project



- Projected to produce more than 17,300 megawatt-hours of electricity over 30-year anticipated lifespan of system.
- In keeping with objectives of the county zoning ordinance and comprehensive plan:
 - Supports an ongoing agricultural use of the property
 - Improve long-term economic outlook in a rural area of the county
 - Significant positive environmental impact



Paradise Energy Solutions



- Turnkey solar PV systems for commercial, agricultural and residential customers.
- Company founded in 2009, headquartered in Lancaster County, Pennsylvania.
- Presence in Virginia since 2015, with branch in Harrisonburg in operation since 2017.
- Several residential and commercial installations completed in Albemarle County.



Spring Valley Orchard

- 178.2kW ground-mounted solar array in Albemarle County
- System turned on June 14, 2024



Crown Orchard - Red House Road

- 132.48kW ground-mounted solar array in Campbell County
- System turned on Oct. 6, 2023



Questions?

