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## 5. PROPOSED SITE

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### 5.1 Identification of Project Area

The Project Area consists of approximately 17,400 acres of private land subject to easement agreements between landowners and CPV. The Project facilities will be located on land primarily consisting of pasture and cultivated cropland (wheat, soybeans, sunflowers, and corn) with a few rural residences and farmsteads. The Project Area is located in McIntosh County, approximately 6 mi north of the City of Ashley. Despite the overall size of the Project Area, the turbines and other wind farm infrastructure will occupy only approximately 0.4 percent of this area during operation. Table 5-1 presents a summary of proposed Project impact assumptions for both temporary impacts (construction footprint) and permanent impacts (operational footprint) based on the Project layout (v5).

**Table 5-1. Estimated Ashley Wind Energy Project Impacts**

Project Component	Temporary Impact (Acres)	Permanent Impact (Acres)	Total Impact (Acres)
Turbines	235	16	251
Access Roads	117	55	172
Miscellaneous Permanent Components (substation, O&M building, permanent met towers, met tower spur roads)	12.4	4.6	17
Miscellaneous Temporary Components (crane path, laydown area, batch plant, collection lines)	119.5	0	119.5
<b>Total*</b>	<b>403</b>	<b>73</b>	<b>476</b>

\* Totals presented are less than the sum of the component impacts due to overlapping footprints of these features. The totals presented remove overlap to account for this issue. Total footprint calculations use the 87-turbine Project layout.

About 403 acres will be disturbed temporarily during construction by the installation of: underground electrical collection lines; temporary crane crawl paths; access road widening to accommodate turbine delivery and crane movement; additional assembly and erection areas around the turbines, substation, and met towers; the batch plant; and a centralized laydown area for construction staging. Total permanent land disturbance for the Project is expected to be approximately 73 acres.