

TABLE 1
Permanent and Temporary Project ROW Requirements

FACILITY COMPONENT	SURVEYED AREA	PERMANENT IMPACTS	TEMPORARY IMPACTS
Turbine	250 ft radius	50 ft radius	200 ft radius
Access Road	75 ft width	40 ft width	35 ft width
Interconnect	75 ft width	-	75 ft width
Meteorological Towers (2)	1 acre per tower	0.10 acre per tower	0.90 acre per tower
Substation and Operation and Maintenance Building	5 acres each	10 acres total	-

TABLE 2
Wetlands Crossed by
the Proposed Alabama Ledge Wind Farm Project

Wetland ID ¹	Cover Class	DEC Mapped Wetland	Temporary Acreage within ROW	Permanent Acreage within ROW
Turbines				
AR201-A	PFO1	No	0.26	-
IC106-A	PSS	No	0.27	-
T105-A	PFO1	No	0.002	-
T42-A	PFO1	Yes	0.10	-
T43-A/B/C	PFO1	No	0.25	-
T60-A	PEM	No	0.16	-
T79N	PFO1	No	0.68	-
T84-A	PEM	No	0.005	-
T85-A	PEM	No	0.001	-
Access Roads				
AR201-A	PFO1	No	0.01	0.03
T41-A	PFO1	Yes	0.02	0.07
T42-A	PFO1	Yes	0.03	0.27
T79N	PFO1	No	0.07	0.50
T82-A	PFD	No	0.02	0.11
T85-A	PEM	No	0.01	0.03
Buried Collection Lines				
IC106-A	PSS	No	0.04	-
T43-A/B/C	PFO1	No	0.002	-
T79N	PFO1	No	0.28	-
T82-A	PFD	No	0.06	-
Overhead Collection Lines				
TL-A	PFO1	No	2.07	-
Subtotal Turbines			1.73	-
Subtotal Access Roads			0.16	1.01
Subtotal Overhead			2.07	-
Subtotal Interconnects			0.38	-
Total Affected Acreage			4.34	1.01

TABLE 3
Surface Waters Crossed by
the Proposed Alabama Ledge Wind Farm Project

Stream ID ¹	Cover Class	NYSDEC Classification	Temporary Length within ROW (feet)	Permanent Length within ROW (feet)
Access Roads				
AR202-A-ST	AGRICULTURE	NA	10.94	61.56
IC104-A-ST	PEM	C	33.12	158.73
T110-B-ST	OLD FIELD	NA	8.38	104.77
T89-A-ST	PEM	NA	8.12	40.60
T89-B-ST	PEM	NA	52.18	-
Buried Collection Lines				
AR202-A-ST	AGRICULTURE	C	50.07	-
AR204-A-ST	FORESTED	C	35.49	-
AR205-A-ST	PSS	NA	35.00	-
IC104-A-ST	PEM	NA	133.03	-
T110-B-ST	OLD FIELD	NA	35.09	-
T89-A-ST	PEM	NA	35.26	-
Overhead Collection Lines				
AR203-A-ST	FORESTED	C	2,012.09	-
AR203-B-ST	FORESTED	C	1,320.27	-
IC109-ST	PEM	C	386.23	-
Turbines				
AR203-B-ST	FORESTED	C	396.53	-
T110-B-ST	OLD FIELD	NA	198.48	-
T43-A/B/C-ST	PFO1	C	249.20	-
T81-A-ST	AGRICULTURE	C	313.28	-
Subtotal Access Roads			112.74	365.66
Subtotal Interconnects			323.93	-
Subtotal Overhead			3,718.59	-
Subtotal Turbines			1,157.50	-
Total Affected Length			5,312.76	365.66

TABLE 4
Dominant Vegetation Encountered in Wetlands

SPECIES	SCIENTIFIC NAME	INDICATOR ¹
Red Maple	<i>Acer rubrum</i>	FAC
Sugar Maple	<i>Acer saccharum</i>	FACU
Silky Dogwood	<i>Cornus amomum</i>	FACW
Eastern Cottonwood	<i>Populus deltoids</i>	FAC
American Basswood	<i>Tilia americana</i>	FACU
Willow	<i>Salix</i> sp.	FAC
Cattail	<i>Typha</i> sp.	OBL
Sedge	<i>Carex</i> sp.	FACW
Swamp Milkweed	<i>Asclepias incarnate</i>	OBL
Joe Pye Weed	<i>Eupatorium maculatum</i>	FACW
Jewelweed	<i>Impatiens capensis</i>	FACW
Soft Rush	<i>Juncus effusus</i>	FACW+
Reed Canary Grass	<i>Phalaris arundinacea</i>	FACW+
Sensitive Fern	<i>Onoclea sensibilis</i>	FACW
Cinnamon Fern	<i>Osmunda cinnamomea</i>	FACW
Royal Fern	<i>Osmunda regalis</i>	OBL
Green Bulrush	<i>Scirpus atrovirens</i>	OBL
Woolgrass	<i>Scirpus cyperinus</i>	FACW+
Goldenrods	<i>Solidago</i> sp.	FACU- to OBL
Sphagnum	<i>Sphagnum</i> sp.	assumed OBL

¹ NWI Indicator Status from Reed (1988), using the following abbreviations for species occurrence in wetlands:

- OBL (Obligate Wetland) – Occur almost always (estimated probability >99%) under natural conditions in wetlands.
- FACW (Facultative Wetland) – Usually occur in wetlands (estimated probability 67%-99%), but occasionally found in non wetlands.
- FAC (Facultative) – Equally likely to occur in wetlands or non wetlands (estimated probability 34%-66%).
- FACU (Facultative Upland) – Usually occur in non wetlands (estimated probability 67%-99%), but occasionally found on wetlands (estimated probability 1%-33%).
- UPL (Obligate Upland) – Occur in wetlands in another region, but occur almost always (estimated probability >99%) under natural conditions in non wetlands on the region specified. If a species does not occur in wetlands in any region, it is not on the National List.