

Table 9-A5.3-1
Features Included on Regional Screening Maps
230-kV CB Corridor

Feature	Description
Residences	Identification of existing residential areas within the study area based on the FLUCCS 110-139 class definition areas and Land Use/Land Cover maps
Major Developments	Identification of approved Developments of Regional Impact within the study area
Existing PEF Transmission Lines	Identification of existing PEF transmission lines within the study area
Other Existing Linear Facilities	Identification of other existing linear facilities (existing and committed major public roads and existing railroads) within the study area
Conservation Lands and Parks	Identification of conservation lands and parks (using federal, state, and local government data sources and available online data) in the study area
Wetlands	Identification of wetlands within the study area using the FLUCCS Land Use/Land Cover 600-654 class definition areas
National Register of Historic Places	Identification of NRHP sites within the study area
Threatened and Endangered Species	Identification of the location of threatened and endangered species within the study area based on the FNAI database
Airports	Identification of any licensed public or private airports and heliports registered with FAA and/or FDOT within the study area
Agriculture and Rangelands	Identification of agriculture and rangelands within the study area using FLUCCS Land Use/Land Cover 200-330 class definitions

Notes:

PEF	Progress Energy Florida
FLUCCS	Florida Land Use Cover and Forms Classification System
GIS	Geographic Information Systems
FNAI	Florida Natural Areas Inventory
FAA	Federal Aviation Administration
FDOT	Florida Department of Transportation
NRHP	National Register of Historic Places

Table 9-A5.3-2
Quantitative Evaluation Criteria
230-kV CB Corridor

Criterion	Description
Airports	A count of each airport within the corridor segment and within 20,000 feet of the corridor segment centerline ¹ and a count of each heliport within the corridor segment and within 5000 ft of the corridor segment
Archaeological Resources	A count of archaeological resource site locations within or in close proximity to the corridor segment ²
Commercial and Services Land Uses	Commercial and services land uses identified by the 140-149 FLUCCS (except 148 class definition) class definition series from the FLUCCS Land Use/Land Cover maps.
Community Facilities	A count of community facilities within the corridor segment ³
Conservation Lands and Parks	Area of conservation lands and parks within the corridor segment
Cost	The U.S. dollar amount estimated to construct the proposed transmission line within the corridor segment
Eagle Nests	A count of eagle nest locations within the corridor segment and within 1500 feet of the corridor segment centerline
Existing PEF Transmission Lines	Length of the corridor segment within or in close proximity to an existing PEF transmission line
Flood Plain	Area of a 100-year flood plain within the corridor segment
Forested Wetlands	Area of forested wetland areas within the corridor segment
Future Residential Land Use	Area of local government comprehensive plan adopted future land use map designated as residential within the corridor segment.
Herbaceous Wetlands	Area of herbaceous wetland areas within the corridor segment
Historic Resources	A count of historic resource site locations within the corridor segment ⁴
Industrial and Extractive Land Uses	Industrial and extractive land uses identified by the 150-166 FLUCCS class definition series from the FLUCCS Land Use/Land Cover maps.
Other Existing Linear Facilities	Length of existing and committed major public roads and existing railroads within the corridor segment
Parcels	A count of parcels within the corridor segment
Residences	A count of residences within the corridor segment
Schools	A count of existing and proposed public and existing private schools within the corridor segment ⁵
Threatened and Endangered Species	A count of protected species (flora and fauna) locations within the corridor segment (not including eagle nests)
Upland Forests	Area of upland forested areas within the corridor segment

¹ Airports are measured from the closest runway. Airports and heliports are identified by FAA and/or FDOT.

² Archaeological resource sites were approximated by adding a 500-foot radius to the resource site locations.

³ Community facility sites were approximated by adding a 100-foot radius to each community facility location.

⁴ Historic resource sites were approximated by adding a 500-foot radius to the resource site locations.

⁵ Existing schools were measured from school parcel boundaries; proposed school sites were approximated by adding a 500-foot radius to school locations.

**Table 9-A5.3-3
Highest-Ranking Candidate Corridors
230-kV CB Corridor**

Rank	Candidate Corridor	Corridor Segments	Total Score
1	120828	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S28+S88+S30+S309+S388+S391+S396+S38+S91	12.5
2	115542	S354+S327+S55+S383+S77+S61+S26+S32+S33+S83+S27+S318+S28+S88+S30+S309+S388+S391+S396+S38+S91	12.9
3	120827	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S28+S88+S30+S309+S388+S391+S394+S399+S36+S91	13.4
4	120831	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S28+S88+S30+S309+S388+S393+S392+S152+S395+S38+S91	13.5
5	120837	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S28+S88+S30+S309+S390+S389+S392+S152+S395+S38+S91	13.7
6	122117	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S84+S85+S311+S89+S29+S385+S301+S389+S392+S152+S395+S38+S91	13.7
7	115541	S354+S327+S55+S383+S77+S61+S26+S32+S33+S83+S27+S318+S28+S88+S30+S309+S388+S391+S394+S399+S36+S91	13.7
8	115545	S354+S327+S55+S383+S77+S61+S26+S32+S33+S83+S27+S318+S28+S88+S30+S309+S388+S393+S392+S152+S395+S38+S91	13.9
9	115551	S354+S327+S55+S383+S77+S61+S26+S32+S33+S83+S27+S318+S28+S88+S30+S309+S390+S389+S392+S152+S395+S38+S91	14.0
10	116831	S354+S327+S55+S383+S77+S61+S26+S32+S33+S83+S27+S318+S84+S85+S311+S89+S29+S385+S301+S389+S392+S152+S395+S38+S91	14.1
11	122550	S354+S327+S55+S383+S78+S26+S32+S33+S83+S82+S319+S28+S88+S30+S309+S388+S391+S396+S38+S91	14.2
12	120843	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S28+S88+S30+S313+S310+S29+S385+S301+S389+S392+S152+S395+S38+S91	14.4
13	117264	S354+S327+S55+S383+S77+S61+S26+S32+S33+S83+S82+S319+S28+S88+S30+S309+S388+S391+S396+S38+S91	14.6
14	121866	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S84+S60+S88+S30+S309+S388+S391+S396+S38+S91	14.7
15	123470	S354+S327+S55+S383+S78+S26+S58+S146+S83+S27+S318+S28+S88+S30+S309+S388+S391+S396+S38+S91	14.8
16	115557	S354+S327+S55+S383+S77+S61+S26+S32+S33+S83+S27+S318+S28+S88+S30+S313+S310+S29+S385+S301+S389+S392+S152+S395+S38+S91	14.8
17	122459	S354+S327+S55+S383+S78+S26+S32+S33+S83+S82+S316+S85+S311+S89+S29+S385+S301+S389+S392+S152+S395+S38+S91	14.8
18	120895	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S28+S88+S30+S313+S314+S89+S29+S385+S301+S389+S392+S152+S395+S38+S91	14.9
19	122125	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S84+S85+S311+S89+S29+S385+S301+S389+S393+S391+S396+S38+S91	14.9
20	120829	S354+S327+S55+S383+S78+S26+S32+S33+S83+S27+S318+S28+S88+S30+S309+S388+S393+S392+S152+S323+S90+S115	15.0

Note: Shading indicates the highest-ranking candidate corridors included in the 230-kV CB Corridor (except for 1 or 2 segments). Corridor segments which are presented in bold font are included in the 230-kV CB Corridor.

Table 9-A5.3-4
Easement, Title, and Crossing Approvals Anticipated
to Be Required for Transmission Line Construction
230-kV CB Corridor

ROADS		
Citrus County	Affected Agency	Type of Approval
APPLE CT	Citrus County	Right-of-Way Utilization
CARDINAL ST	Citrus County	Right-of-Way Utilization
CR 488 (W DUNNELLO RD)	Citrus County	Right-of-Way Utilization
CR 480 (OAK PARK BLVD)	Citrus County	Right-of-Way Utilization
CR 486 (W NORVELL BRYANT HWY)	Citrus County	Right-of-Way Utilization
CR 490 (W HOMOSASSA TRAIL)	Citrus County	Right-of-Way Utilization
CR 495 (N CITRUS AVE)	Citrus County	Right-of-Way Utilization
FRINGETREE CT	Citrus County	Right-of-Way Utilization
FRINGETREE ST	Citrus County	Right-of-Way Utilization
GLENRIDGE BLVD	Citrus County	Right-of-Way Utilization
GLENRIDGE CIR	Citrus County	Right-of-Way Utilization
MAIDENBUSH CT	Citrus County	Right-of-Way Utilization
N BLUE JACK PT	Citrus County	Right-of-Way Utilization
N ENTRY OAKS PL	Citrus County	Right-of-Way Utilization
N EQUAL PT	Citrus County	Right-of-Way Utilization
N MAYLEN AVE	Citrus County	Right-of-Way Utilization
N MAYNARD AVE	Citrus County	Right-of-Way Utilization
N PLEASANT ACRES PL	Citrus County	Right-of-Way Utilization
N ROSEBUSH PT	Citrus County	Right-of-Way Utilization
N TIPTON TER	Citrus County	Right-of-Way Utilization
N TURKEY PINE LOOP	Citrus County	Right-of-Way Utilization
N ALEXA TERR	Citrus County	Right-of-Way Utilization
N ALGE AVE	Citrus County	Right-of-Way Utilization
N AMPHBION PT	Citrus County	Right-of-Way Utilization
N ANCONA PATH	Citrus County	Right-of-Way Utilization
N ANDRI DR	Citrus County	Right-of-Way Utilization
N ARID PT	Citrus County	Right-of-Way Utilization
N BALKO PT	Citrus County	Right-of-Way Utilization
N BARON PT	Citrus County	Right-of-Way Utilization
N BEECHWOOD TER	Citrus County	Right-of-Way Utilization
N BENNIS PT	Citrus County	Right-of-Way Utilization
N BENT TERR	Citrus County	Right-of-Way Utilization
N BIG OAKS PT	Citrus County	Right-of-Way Utilization
N CARDILLO PATH	Citrus County	Right-of-Way Utilization
N CARNEY AVE	Citrus County	Right-of-Way Utilization
N CAVINESS TER	Citrus County	Right-of-Way Utilization
N CHAMELION PT	Citrus County	Right-of-Way Utilization
N COMMERCE TER	Citrus County	Right-of-Way Utilization
N CRAUSE PT	Citrus County	Right-of-Way Utilization
N CREDE AVE	Citrus County	Right-of-Way Utilization
N DIANA PT	Citrus County	Right-of-Way Utilization
N DONOVAN AVE	Citrus County	Right-of-Way Utilization
N ELLEN PT	Citrus County	Right-of-Way Utilization
N ELM DR	Citrus County	Right-of-Way Utilization
N ELM PT	Citrus County	Right-of-Way Utilization
N GLASS TERR	Citrus County	Right-of-Way Utilization
N GREENWICH PT	Citrus County	Right-of-Way Utilization
N HAJIK PATH	Citrus County	Right-of-Way Utilization
N HANNALORE TERR	Citrus County	Right-of-Way Utilization
N HIDDEN OAKS WAY	Citrus County	Right-of-Way Utilization
N IGUANA PATH	Citrus County	Right-of-Way Utilization
N IRON PT	Citrus County	Right-of-Way Utilization
N IRONSIDE TER	Citrus County	Right-of-Way Utilization
N ISTA PT	Citrus County	Right-of-Way Utilization
N JAMES PAGE PT	Citrus County	Right-of-Way Utilization
N KEMP AVE	Citrus County	Right-of-Way Utilization
N KNOLL RD	Citrus County	Right-of-Way Utilization
N LOOP PT	Citrus County	Right-of-Way Utilization
N LOQUAT PT	Citrus County	Right-of-Way Utilization
N MANDRAKE PT	Citrus County	Right-of-Way Utilization
N MAR-BIL PT	Citrus County	Right-of-Way Utilization
N MARYLOIS PT	Citrus County	Right-of-Way Utilization
N MAYLEN AVE	Citrus County	Right-of-Way Utilization
N MCKREE TERR	Citrus County	Right-of-Way Utilization
N META TERR	Citrus County	Right-of-Way Utilization
N MILLINGTON PARK TER	Citrus County	Right-of-Way Utilization
N MITCHUM PT	Citrus County	Right-of-Way Utilization
N OAKLAND PATH	Citrus County	Right-of-Way Utilization
N OWL PT	Citrus County	Right-of-Way Utilization
N PARAQUA CIR	Citrus County	Right-of-Way Utilization
N PIMLICO PT	Citrus County	Right-of-Way Utilization
N PLEASANT HOLLOW TER	Citrus County	Right-of-Way Utilization
N QUARTER HORSE TERR	Citrus County	Right-of-Way Utilization
N QUIET ACRES PT	Citrus County	Right-of-Way Utilization
N RATTLER AVE	Citrus County	Right-of-Way Utilization
N REYNOLDS AVE	Citrus County	Right-of-Way Utilization
N RIVER REACH CIR	Citrus County	Right-of-Way Utilization

Table 9-A5.3-4
Easement, Title, and Crossing Approvals Anticipated
to Be Required for Transmission Line Construction
230-kV CB Corridor

ROADS		
Citrus County	Affected Agency	Type of Approval
N SATIN TERR	Citrus County	Right-of-Way Utilization
N SIERRA VISTA DR	Citrus County	Right-of-Way Utilization
N STAMPEDE LN	Citrus County	Right-of-Way Utilization
N STEEL CT	Citrus County	Right-of-Way Utilization
N STOKES WAY	Citrus County	Right-of-Way Utilization
N SUMMER WIND AVE	Citrus County	Right-of-Way Utilization
N TALLAHASSEE RD	Citrus County	Right-of-Way Utilization
N THUNDER PT	Citrus County	Right-of-Way Utilization
N TIMBERCREST WAY	Citrus County	Right-of-Way Utilization
N TIMBERWOOD PT	Citrus County	Right-of-Way Utilization
N TRAMPLE TER	Citrus County	Right-of-Way Utilization
N TREE FROG PT	Citrus County	Right-of-Way Utilization
N WENBLEY DR	Citrus County	Right-of-Way Utilization
N WHITE ASH TERR	Citrus County	Right-of-Way Utilization
N WINTERGREEN TER	Citrus County	Right-of-Way Utilization
N WRIGHT PT	Citrus County	Right-of-Way Utilization
RED WING DRIVE	Citrus County	Right-of-Way Utilization
S ADVENTURE PT	Citrus County	Right-of-Way Utilization
S ALITA TER	Citrus County	Right-of-Way Utilization
S CORBETT AVE	Citrus County	Right-of-Way Utilization
S COTTON PT	Citrus County	Right-of-Way Utilization
S CURTIS PT	Citrus County	Right-of-Way Utilization
S FIFE PT	Citrus County	Right-of-Way Utilization
S FORT EVANS PT	Citrus County	Right-of-Way Utilization
S FROST PT	Citrus County	Right-of-Way Utilization
S FULLENKAMP PT	Citrus County	Right-of-Way Utilization
S GAMBLER PT	Citrus County	Right-of-Way Utilization
S GORDON PT	Citrus County	Right-of-Way Utilization
S HARDWOOD TER	Citrus County	Right-of-Way Utilization
S HILLTOP RD	Citrus County	Right-of-Way Utilization
S ISAAC PT	Citrus County	Right-of-Way Utilization
S JOURNEY PT	Citrus County	Right-of-Way Utilization
S JOY TER	Citrus County	Right-of-Way Utilization
S KAY ALLAN PATH	Citrus County	Right-of-Way Utilization
S LEGETTE PT	Citrus County	Right-of-Way Utilization
S LESLIE KAY LN	Citrus County	Right-of-Way Utilization
S MARCAN TER	Citrus County	Right-of-Way Utilization
S MEADOWHILL PT	Citrus County	Right-of-Way Utilization
S OLBEEK PT	Citrus County	Right-of-Way Utilization
S OVERVIEW DR	Citrus County	Right-of-Way Utilization
S RAYMO TER	Citrus County	Right-of-Way Utilization
S RUFFWAY PT	Citrus County	Right-of-Way Utilization
S SOUTHER ST	Citrus County	Right-of-Way Utilization
S STORY PATH	Citrus County	Right-of-Way Utilization
S STRAWBERRY LN	Citrus County	Right-of-Way Utilization
S TONYA TER	Citrus County	Right-of-Way Utilization
S TRENT TER	Citrus County	Right-of-Way Utilization
S UTECH TER	Citrus County	Right-of-Way Utilization
S VELMA PT	Citrus County	Right-of-Way Utilization
SANDERS CIR	Citrus County	Right-of-Way Utilization
SANDY RIDGE CT	Citrus County	Right-of-Way Utilization
SCAUTION PT	Citrus County	Right-of-Way Utilization
SR 44 (W GULF TO LAKE HWY)	FDOT (District 7)	Utility
US 19 (SR 55)	FDOT	Utility
W CRYSTAL OAKS DR	Citrus County	Right-of-Way Utilization
W KRISTINA LOOP	Citrus County	Right-of-Way Utilization
W MAPLELEAF CT	Citrus County	Right-of-Way Utilization
W SEAHAWK CT	Citrus County	Right-of-Way Utilization
W SHADY KNOLL PL	Citrus County	Right-of-Way Utilization
W TRINITY PL	Citrus County	Right-of-Way Utilization
W ADIX ST	Citrus County	Right-of-Way Utilization
W BAJA CT	Citrus County	Right-of-Way Utilization
W BERING LN	Citrus County	Right-of-Way Utilization
W BIG PINE CT	Citrus County	Right-of-Way Utilization
W BUCK LN	Citrus County	Right-of-Way Utilization
W CARTU ST	Citrus County	Right-of-Way Utilization
W CASTELLO LN	Citrus County	Right-of-Way Utilization
W CHATA PL	Citrus County	Right-of-Way Utilization
W COSTA MESA LN	Citrus County	Right-of-Way Utilization
W CRACKER LN	Citrus County	Right-of-Way Utilization
W CRYSTAL OAKS DR	Citrus County	Right-of-Way Utilization
W CYRUS ST	Citrus County	Right-of-Way Utilization
W DEMIN CT	Citrus County	Right-of-Way Utilization
W DONALI CT	Citrus County	Right-of-Way Utilization
W EASY GOER CT	Citrus County	Right-of-Way Utilization
W EDGAR EARL LP	Citrus County	Right-of-Way Utilization
W FAIRLEE CT	Citrus County	Right-of-Way Utilization

**Table 9-A5.3-4
Easement, Title, and Crossing Approvals Anticipated
to Be Required for Transmission Line Construction
230-kV CB Corridor**

ROADS		
Citrus County	Affected Agency	Type of Approval
W FERWERDA CT	Citrus County	Right-of-Way Utilization
W FOX TROT CT	Citrus County	Right-of-Way Utilization
W GIGI CT	Citrus County	Right-of-Way Utilization
W GLEN ST	Citrus County	Right-of-Way Utilization
W GRAHAM CT	Citrus County	Right-of-Way Utilization
W GRASSY MEADOW ST	Citrus County	Right-of-Way Utilization
W GREENSILKY LN	Citrus County	Right-of-Way Utilization
W GROVER CLEVELAND BLVD	Citrus County	Right-of-Way Utilization
W GUM ST	Citrus County	Right-of-Way Utilization
W HERMAN CT	Citrus County	Right-of-Way Utilization
W HIGHTOWER LN	Citrus County	Right-of-Way Utilization
W HODGES LN	Citrus County	Right-of-Way Utilization
W HOLIDAY ST	Citrus County	Right-of-Way Utilization
W HONEY HILL LN	Citrus County	Right-of-Way Utilization
W HOSKINS LN	Citrus County	Right-of-Way Utilization
W INSPIRATION CT	Citrus County	Right-of-Way Utilization
W JUSTICE CT	Citrus County	Right-of-Way Utilization
W KELP CT	Citrus County	Right-of-Way Utilization
W KLETT PATH	Citrus County	Right-of-Way Utilization
W LESLIE KAY LN	Citrus County	Right-of-Way Utilization
W LONE TREE CT	Citrus County	Right-of-Way Utilization
W MILLER ST	Citrus County	Right-of-Way Utilization
W MONTYCE CT	Citrus County	Right-of-Way Utilization
W NADAR DR	Citrus County	Right-of-Way Utilization
W OAKLAWN ST	Citrus County	Right-of-Way Utilization
W OLD CITRUS RD	Citrus County	Right-of-Way Utilization
W OLIVE BRANCH LP	Citrus County	Right-of-Way Utilization
W ORANGE TREE ST	Citrus County	Right-of-Way Utilization
W PEACH LN	Citrus County	Right-of-Way Utilization
W PICNIC LN	Citrus County	Right-of-Way Utilization
W PINE RIDGE BLVD	Citrus County	Right-of-Way Utilization
W POWERLINE RD	Citrus County	Right-of-Way Utilization
W ROADRUNNER CT	Citrus County	Right-of-Way Utilization
W ROBIN LN	Citrus County	Right-of-Way Utilization
W ROCHELLE ST	Citrus County	Right-of-Way Utilization
W ROLLING VIEW PL	Citrus County	Right-of-Way Utilization
W SAFARI LN	Citrus County	Right-of-Way Utilization
W SANCTION RD	Citrus County	Right-of-Way Utilization
W SANDY HILL ST	Citrus County	Right-of-Way Utilization
W SCOTCH PINE LN	Citrus County	Right-of-Way Utilization
W SHERIFF DR	Citrus County	Right-of-Way Utilization
W SINK LN	Citrus County	Right-of-Way Utilization
W SOUTHERN ST	Citrus County	Right-of-Way Utilization
W STATE ST	Citrus County	Right-of-Way Utilization
W STRAWBERRY LN	Citrus County	Right-of-Way Utilization
W TANGO CT	Citrus County	Right-of-Way Utilization
W TINKERER CT	Citrus County	Right-of-Way Utilization
W UNITED LN	Citrus County	Right-of-Way Utilization
W VEGA CT	Citrus County	Right-of-Way Utilization
W VICK CT	Citrus County	Right-of-Way Utilization
W WARBLER ST	Citrus County	Right-of-Way Utilization
W WHIPPOORWILL ST	Citrus County	Right-of-Way Utilization
W WICKER ST	Citrus County	Right-of-Way Utilization
W WINIFRED CT	Citrus County	Right-of-Way Utilization
W YEW PINE CT	Citrus County	Right-of-Way Utilization
W ZIGGY ST	Citrus County	Right-of-Way Utilization

Table 9-A5.3-4
Easement, Title, and Crossing Approvals Anticipated
to Be Required for Transmission Line Construction
230-kV CB Corridor

ROADS		
Hernando County	Affected Agency	Type of Approval
ALBANY RD	Hernando County	Right-of-Way Utilization
BARBARA CT	Hernando County	Right-of-Way Utilization
BARNEVELDE RD	Hernando County	Right-of-Way Utilization
BOURASSA BLVD	Hernando County	Right-of-Way Utilization
CAYMAN RD	Hernando County	Right-of-Way Utilization
CHARLTON DR	Hernando County	Right-of-Way Utilization
CHARMEL ST	Hernando County	Right-of-Way Utilization
CONVENT GARDEN RD	Hernando County	Right-of-Way Utilization
COURLAN RD	Hernando County	Right-of-Way Utilization
CR 476 (CENTRALIA RD)	Hernando County	Right-of-Way Utilization
CR 493 (SUNSHINE GROVE RD)	Hernando County	Right-of-Way Utilization
CRANE RD	Hernando County	Right-of-Way Utilization
CROWELL RD	Hernando County	Right-of-Way Utilization
CURLEW RD	Hernando County	Right-of-Way Utilization
DOWNY WOODPECKER RD	Hernando County	Right-of-Way Utilization
ESKIMO CURLEW RD	Hernando County	Right-of-Way Utilization
ESTER DR	Hernando County	Right-of-Way Utilization
ETON RD	Hernando County	Right-of-Way Utilization
FLACCUS CT	Hernando County	Right-of-Way Utilization
FLEURY CT	Hernando County	Right-of-Way Utilization
FLICKER RD	Hernando County	Right-of-Way Utilization
FLOTILLA CT	Hernando County	Right-of-Way Utilization
FLYCATCHER RD	Hernando County	Right-of-Way Utilization
FULMAR RD	Hernando County	Right-of-Way Utilization
GEESE ST	Hernando County	Right-of-Way Utilization
GLACIER CT	Hernando County	Right-of-Way Utilization
GOLD CREST RD	Hernando County	Right-of-Way Utilization
GOLD FINCH RD	Hernando County	Right-of-Way Utilization
GOLDEN OWL RD	Hernando County	Right-of-Way Utilization
GOLDEN WARBLER RD	Hernando County	Right-of-Way Utilization
GOLDENEYE RD	Hernando County	Right-of-Way Utilization
GONZO RD	Hernando County	Right-of-Way Utilization
GRASS FINCH RD	Hernando County	Right-of-Way Utilization
GREENBACK RD	Hernando County	Right-of-Way Utilization
HEMLOCK WARBLER RD	Hernando County	Right-of-Way Utilization
HEXAM RD	Hernando County	Right-of-Way Utilization
HORNED OWL RD	Hernando County	Right-of-Way Utilization
HOUSE FINCH RD	Hernando County	Right-of-Way Utilization
HUMBAR RD	Hernando County	Right-of-Way Utilization
KANAWHA DR	Hernando County	Right-of-Way Utilization
LAPWING RD	Hernando County	Right-of-Way Utilization
MARSONIA AV	Hernando County	Right-of-Way Utilization
MARVELWOOD RD	Hernando County	Right-of-Way Utilization
MARYLAND AV	Hernando County	Right-of-Way Utilization
MEADOW SWALLOW AV	Hernando County	Right-of-Way Utilization
MEINERT AV	Hernando County	Right-of-Way Utilization
MILLINGTON AV	Hernando County	Right-of-Way Utilization
MIRAGE AV	Hernando County	Right-of-Way Utilization
MISSISSIPPI KITE AV	Hernando County	Right-of-Way Utilization
MOON RD	Hernando County	Right-of-Way Utilization
MURRE AV	Hernando County	Right-of-Way Utilization
NORRIS BISHOP LP	Hernando County	Right-of-Way Utilization
OLD SQUAW AV	Hernando County	Right-of-Way Utilization
OSPREY AV	Hernando County	Right-of-Way Utilization
OXFORD RD	Hernando County	Right-of-Way Utilization
PACIFIC NIGHTHAWK AV	Hernando County	Right-of-Way Utilization
PALLADIUM RD	Hernando County	Right-of-Way Utilization
PAMELA CIR	Hernando County	Right-of-Way Utilization
PAPERCRAFT AV	Hernando County	Right-of-Way Utilization
PENN STATE RD	Hernando County	Right-of-Way Utilization
PINE WARBLER AV	Hernando County	Right-of-Way Utilization
PIONEER AV	Hernando County	Right-of-Way Utilization
PIPIT AV	Hernando County	Right-of-Way Utilization
PITKIN CT	Hernando County	Right-of-Way Utilization
POMP PKWY	Hernando County	Right-of-Way Utilization
POPLAR AV	Hernando County	Right-of-Way Utilization
QUIGLEY AV	Hernando County	Right-of-Way Utilization
ROBIN AV	Hernando County	Right-of-Way Utilization
ROCK DUCK AV	Hernando County	Right-of-Way Utilization
RUFFED GROUSE RD	Hernando County	Right-of-Way Utilization
SANDERS AV	Hernando County	Right-of-Way Utilization
SANDY DR	Hernando County	Right-of-Way Utilization
SCAUP DUCK AV	Hernando County	Right-of-Way Utilization
SCISSORBILL AV	Hernando County	Right-of-Way Utilization
SCRUB OAK LN	Hernando County	Right-of-Way Utilization
SENATOR RD	Hernando County	Right-of-Way Utilization
SNOW GOOSE AV	Hernando County	Right-of-Way Utilization

Table 9-A5.3-4
Easement, Title, and Crossing Approvals Anticipated
to Be Required for Transmission Line Construction
230-kV CB Corridor

ROADS

Hernando County	Affected Agency	Type of Approval
SNOWY PLOVER RD	Hernando County	Right-of-Way Utilization
SOOTY TERN AV	Hernando County	Right-of-Way Utilization
SPARROW HAWK AV	Hernando County	Right-of-Way Utilization
TAILORBIRD AV	Hernando County	Right-of-Way Utilization
THRASHER AV	Hernando County	Right-of-Way Utilization
TINAMOU AV	Hernando County	Right-of-Way Utilization
TRAPPER JOHN RD	Hernando County	Right-of-Way Utilization
US 98/SR 700 (PONCE DE LEON BLVD)	FDOT (District 7)	Utility
WEeping WILLOW ST	Hernando County	Right-of-Way Utilization
WINE WAY	Hernando County	Right-of-Way Utilization
WREN RD	Hernando County	Right-of-Way Utilization

GOVERNMENTAL JURISDICTIONS

Public Lands	Affected Agency	Type of Approval
Crystal River Preserve State Park	FDEP	Easement
Withlacoochee State Forest	FDACS Division of Forestry	Easement
Chassahowitzka Wildlife Management Area	SWFWMD	Easement
Annutteliga Hammock	SWFWMD	Easement

**Table 9-A5.3-5
Land Use and Habitats
230-kV CB Corridor**

FLUCCS Code	Description	Acreage
<u>LAND USE</u>		
110	Residential, Low Density	1,776.33
120	Residential, Medium Density	193.34
130	Residential, High Density	7.88
139	Residential, High Density Under Constructio	7.73
140	Commercial and Services	0.07
150	Industrial	3.76
160	Extractive	194.35
170	Institutional	3.40
180	Recreational	14.71
182	Golf Courses	2.87
193	Urban Lands in Transition	8.18
810	Transportation/Roads and Highways	36.36
814	Roads and Highways	8.34
830	Utilities	1,560.80
833	Water Supply Plant	0.36
TOTAL ACREAGE		3,818.49
<u>UPLAND HABITATS</u>		
190	Open Lands	2.29
211	Improved Pastures	291.55
260	Other Open Lands (Rural)	2.04
320	Shrub and Brushland	40.00
411	Pine Flatwoods	12.86
412	Longleaf Pine-Xeric Oak	1,254.07
413	Sand Pine	67.73
421	Xeric Oak	26.96
434	Hardwood-Conifer Mixed	887.25
441	Coniferous Plantations	1,226.85
740	Disturbed Lands	35.57
TOTAL ACREAGE		3,847.15
<u>AQUATIC HABITATS</u>		
520	Lakes	0.63
530	Reservoirs	33.43
540	Bays and Estuaries	0.84
TOTAL ACREAGE		34.90
<u>WETLAND HABITATS</u>		
615	Stream and Lake Swamps (Bottomlands)	32.76
621	Cypress	12.11
630	Wetland Forested Mixed	201.09
641	Freshwater Marshes	277.05
642	Saltwater Marshes	6.55
643	Wet Prairies	13.02
653	Intermittent Ponds	16.98
TOTAL ACREAGE		559.55
TOTAL ACREAGE IN THE 230-kV CB CORRIDOR		8,260.10

Table 9-A5.3-6
Important Plant Species Reported in Citrus and Hernando Counties That Can Reasonably Be Expected to Occur
230-kV CB Corridor

Scientific Name	Common Name	Status			Probability of Occurrence in Study Area and Typical Habitat
		Federal	State		
<i>Adiantum tenerum</i>	Brittle Maidenhair Fern	N	E	Low	Limestone outcrops, grottoes, sinkholes
<i>Agrimonia incisa</i>	Incised Groove-bur	N	E	High	Sandhills and scrub
<i>Asplenium erosum</i>	Auricled Spleenwort	N	E	Moderate	Pinelands
<i>Asplenium pumilum</i>	Dwarf Spleenwort	N	E	Moderate	Pinelands
<i>Asplenium verecundum</i>	Modest Spleenwort	N	E	Low	Rockland hammocks, limestone outcrops, grottoes, sinkholes
<i>Blechnum occidentale</i>	Sinkhole Fern	N	E	Moderate	Moist woodlands, hammocks, rocky creek banks, woodlands with open shade
<i>Campanula robinsiae</i>	Brooksville Bellflower	E	E	Low	Wet, grassy slopes and drying pond edges in vicinity of Chinsegut Hill, Hernando County
<i>Centrosema arenicola</i>	Sand Butterfly Pea	N	E	High	Sandhill, scrubby flatwoods, dry upland woods
<i>Cheilanthes microphylla</i>	Southern Lip Fern	N	E	High	Crevice of limestone outcrops and terrestrial on shell mounds in partial to full sun
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	N	T	High	Freshwater habitats
<i>Glandularia maritima</i>	Coastal Vervain	N	E	Low	Back dunes, dune swales, coastal hammocks
<i>Glandularia tampensis</i>	Tampa Vervain	N	E	Low	Live oak–cabbage palm hammocks and pine-palmetto flatwoods
<i>Justicia cooleyi</i>	Cooley's Water-willow	E	E	Moderate	Mesic hardwood hammocks over limestone
<i>Lechea divaricata</i>	Pine Pinweed	N	E	High	Scrub and scrubby flatwoods
<i>Matelea floridana</i>	Florida Spiny-pod	N	E	Moderate	Pinelands, temperate forests
<i>Monotropis reynoldsiae</i>	Pygmy Pipes	N	E	High	Upland mixed hardwood forest, mesic and xeric hammock, sand pine and oak scrub
<i>Nolina brittoniana</i>	Britton's Beargrass	E	E	High	Scrub, sandhill, scrubby flatwoods, and xeric hammock
<i>Pecluma dispersa</i>	Widespread Polypody	N	E	Moderate	Tree branches and limestone outcrops in dry hammocks
<i>Pecluma plumula</i>	Plume Polypody	N	E	Moderate	Tree branches and limestone outcrops in dry hammocks
<i>Pecluma ptilodon</i>	Swamp Plume Polypody	N	E	Moderate	Rockland hammocks, strand swamps, wet woods
<i>Peperomia humilis</i>	Terrestrial Peperomia	N	E	Moderate	Shell mounds and limestone outcrops in mesic hammocks, coastal berms, cypress swamps
<i>Pteroglossaspis ecristata</i>	Giant Orchid	N	T	High	Sandhill, scrub, pine flatwoods, pine rocklands
<i>Pycnanthemum floridanum</i>	Florida Mountain-mint	N	T	High	Pinelands, sandhills, scrub
<i>Schizachyrium niveum</i>	Scrub Bluestem	N	E	High	Rosemary, sand pine, and oak scrub
<i>Spiranthes polyantha</i>	Green Ladies'-tresses	N	E	High	Rock outcrops in mesic hammock, rockland hammock, maritime hammock
<i>Stylisma abdita</i>	Scrub Stylisma	N	E	High	Pinelands, sandhills, scrub
<i>Thelypteris reptans</i>	Creeping Maiden Fern	N	E	Low	Limestone grottoes and sinkholes
<i>Triphora craigheadii</i>	Craighead's Nodding-caps	N	E	Moderate	Mesic hardwood hammocks

Notes:
N = Not Listed
T = Threatened
E = Endangered

Source:
FNAI, FNAI Search, 2001
FNAI, FNAI Tracking List, 2008
Nature Serve Explorer, 2008
SERPIN, 2008

Table 9-A5.3-7
Important Wildlife Species Reported in Citrus and Hernando Counties That Can Reasonably Be Expected to Occur
230-kV CB Corridor

Scientific Name	Common Name	Status				Probability of Occurrence in Study Area and Typical Habitat
		Federal	State	F.A.C. Rule 39-1		
FISH						
<i>Acantharchus pomotis</i>	Mud Sunfish	N	N	Game	High	Vegetated sloughs, lakes, and pools and backwaters of creeks and small to medium rivers
<i>Ambloplites ariommus</i>	Shadow Bass	N	N	Game	Moderate	Brushy and vegetated, gravel-bottomed, sand-bottomed and mud-bottomed pools of creeks and small to medium rivers
<i>Centrarchus macropterus</i>	Flier	N	N	Game	High	Swamps, vegetated lakes, ponds, sloughs and backwaters and pools of creeks and small rivers
<i>Cichla ocellaris</i>	Peacock Bass	N	N	Game	Low	In rapids and quiet waters with medium depth and rocky substrates
<i>Lepomis auitus</i>	Redbreast Sunfish	N	N	Game	Moderate	Rocky and sandy pools of creeks and small to medium rivers; rocky and vegetated lake margins
<i>Lepomis gulosus</i>	Warmouth	N	N	Game	High	Vegetated lakes, ponds, swamps, quiet water areas of streams
<i>Lepomis macrochirus</i>	Bluegill	N	N	Game	High	Lakes, ponds, reservoirs and sluggish streams
<i>Lepomis megalotis</i>	Longear Sunfish	N	N	Game	High	Dense vegetation in small lakes, ponds and slow moving rivers and streams
<i>Lepomis microlophus</i>	Redear Sunfish	N	N	Game	High	Ponds, swamps, lakes, small to medium rivers
<i>Lepomis punctatus</i>	Spotted Sunfish	N	N	Game	High	Heavily vegetated ponds, lakes, pools of creeks and small to medium rivers, and swamps
<i>Morone chrysops</i>	White Bass	N	N	Game	High	Lakes, ponds and pools of small to large rivers
<i>Morone chrysops</i> x <i>Morone saxatilis</i>	Sunshine Bass	N	N	Game	High	Lakes, ponds and pools of small to large rivers
<i>Morone saxatilis</i>	Striped Bass	N	N	Game	Low	Rivers
<i>Pomoxis nigromaculatus</i>	Black Crappie	N	N	Game	High	Lakes, ponds, sloughs, and backwaters and pools of streams
AMPHIBIANS						
<i>Rana capito</i>	Gopher Frog	N	SSC	N	High	Sandhill and scrub with isolated wetlands or large ponds; commensal with gopher tortoises
REPTILES						
<i>Alligator mississippiensis</i>	American Alligator	T (SA)	SSC	N	High	Most permanent bodies of fresh water, including marshes, swamps, lakes, and rivers
<i>Caretta caretta</i>	Loggerhead	T	T	N	Moderate	Coastal areas , bays, inlets, and lagoons.
<i>Chelonia mydas</i>	Green Turtle	E	E	N	Moderate	Estuarine and marine coastal areas, bays, inlets, and lagoons.
<i>Drymarchon couperi</i>	Eastern Indigo Snake	T	T	N	High	Broad range of habitats, from scrub and sandhill to wet prairies and mangrove swamps; often commensal with gopher tortoises
<i>Gopherus polyphemus</i>	Gopher Tortoise	N	T	N	Observed by Golder and FNAI	Dry upland habitats, including sandhills, scrub, xeric oak hammock, and dry pine flatwoods; also pastures, old fields
<i>Lepidochelys kempii</i>	Kemp's Ridley	E	E	N	Moderate	Marine coastal waters; juveniles frequent bays, inlets, and lagoons
<i>Pituophis melanoleucus mugitus</i>	Florida Pine Snake	N	SSC	N	High	Sandhill, old fields and pastures, sand pine scrub, scrubby flatwoods; often commensal with gopher tortoises and pocket gophers
<i>Pseudemys concinna suwanniensis</i>	Suwannee Cooter	N	SSC	N	Low	Rivers, large streams

Table 9-A5.3-7
Important Wildlife Species Reported in Citrus and Hernando Counties That Can Reasonably Be Expected to Occur
230-kV CB Corridor

Scientific Name	Common Name	Status				Probability of Occurrence in Study Area and Typical Habitat
		Federal	State	F.A.C. Rule 39-1		
<i>Stilosoma extenuatum</i>	Short-tailed Snake	N	T	N	High	Sandhill, xeric hammock, sand pine scrub
BIRDS						
<i>Ammodramus maritimus</i>	Scott's Seaside Sparrow	N	SSC	N	High	Tidal marshes
Anatidae (family)	Geese, Ducks	N	N	Game	High	Freshwater marshes, lake margins, wet prairies
<i>Aphelocoma coerulescens</i>	Florida Scrub-jay	T	T	N	High	Low-growing oak scrub habitat
<i>Aramus guarauna</i>	Limpkin	N	SSC	N	High	Mangroves, freshwater marshes, swamps, springs, spring runs, pond, river, and lake margins
<i>Athene cunicularia floridana</i>	Florida Burrowing Owl	N	SSC	N	High	Dry prairie, sandhill, pastures
<i>Charadrius melodus</i>	Piping Plover	T	T	N	High	Tidal mudflats
<i>Cistothorus palustris marianae</i>	Marian's Marsh Wren	N	SSC	N	High	Tidal marshes
<i>Colinus virginianus</i>	Northern Bobwhite	N	N	Game	High	Brushy pastures, open woodlands
<i>Corvus</i> spp.	Crows	N	N	Game	High	Forested areas, pastures, suburban areas
<i>Egretta caerulea</i>	Little Blue Heron	N	SSC	N	High	Freshwater lakes, marshes, swamps, and streams; roosts in cypress trees
<i>Egretta thula</i>	Snowy Egret	N	SSC	N	High	Freshwater and coastal wetlands, streams, lakes, and swamps, manmade impoundments, ditches
<i>Egretta tricolor</i>	Tricolored Heron	N	SSC	N	High	Wetlands, ditches, pond and lake edges, coastal areas
<i>Eudocimus albus</i>	White Ibis	N	SSC	N	High	Freshwater and brackish marshes, salt flats, forested wetlands, wet prairies, swales, man-made ditches
<i>Falco peregrinus</i>	Peregrine Falcon	N	E	N	High	Open land near rivers and lakes, suburban areas
<i>Falco sparverius paulus</i>	Southeastern American Kestrel	N	T	N	Potentially observed by Golder	Open pine habitats, woodland edges, prairies, pastures
<i>Fulica americana</i>	American Coot	N	N	Game	High	Open ponds, marshes, coastal inlets, bays
<i>Gallinago gallinago</i>	Common Snipe	N	N	Game	High	Freshwater marshes, ponds, fields
<i>Gallinula chloropus</i>	Common Moorhen	N	N	Game	High	Freshwater marshes, ponds
<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	N	T	N	High	Prairies, freshwater marshes, and pastures
<i>Haematopus palliatus</i>	American Oystercatcher	N	SSC	N	High	Mudflats
<i>Haliaeetus leucocephalus</i>	Bald Eagle	N	T	N	High	Coastal areas, bays, rivers, lakes, or other bodies of water
<i>Meleagris gallopavo osceola</i>	Florida Wild Turkey	N	N	Game	High	Oak woodlands, pine-oak forests
<i>Mycteria americana</i>	Wood Stork	E	E	N	High	Cypress strands and domes, mixed hardwood swamps
<i>Pelecanus occidentalis</i>	Brown Pelican	N	SSC	N	Low	Small islands in bays and estuaries
<i>Picoides borealis</i>	Red-cockaded Woodpecker	E	SSC	N	High	Old growth longleaf and slash pine forests; present within the Withlacoochee State Forest
<i>Platalea ajaja</i>	Roseate Spoonbill	N	SSC	N	High	Mangrove inlets and pools, marine tidal flats, coastal and freshwater marshes, and freshwater sloughs
Rallidae (family)	Rails	N	N	Game	High	Freshwater marshes, coastal salt marshes, ditches
<i>Rynchops niger</i>	Black Skimmer	N	SSC	N	High	Coastal waters (bays and estuaries); also large lakes, phospahte pits, and flooded agricultural fields
<i>Scolopax minor</i>	American Woodcock	N	N	Game	High	Moist woodlands, thickets near open fields
<i>Sterna antillarum</i>	Least Tern	N	T	N	High	Coastal areas, beaches, lagoons, bays, and estuaries
<i>Zenaida asiatica</i>	White-winged Dove	N	N	Game	High	Open fields, shrubland, residential areas

Table 9-A5.3-7
Important Wildlife Species Reported in Citrus and Hernando Counties That Can Reasonably Be Expected to Occur
230-kV CB Corridor

Scientific Name	Common Name	Status				Probability of Occurrence in Study Area and Typical Habitat
		Federal	State	F.A.C. Rule 39-1		
<i>Zenaida macroura</i>	Mourning Dove	N	N	Game	High	Open fields, residential areas
MAMMALS						
<i>Canis latrans</i>	Coyote	N	N	Furbearer	High	Forested areas, pastures
<i>Didelphis virginiana</i>	Virginia Opossum	N	N	Furbearer	High	Forested uplands, forested wetlands, residential areas
<i>Lynx rufus</i>	Bobcat	N	N	Furbearer	High	Large forests, swamps, hammocks
<i>Lutra canadensis</i>	River Otter	N	N	Furbearer	High	Rivers, creeks, lakes, ponds, swamps
<i>Mephitis mephitis</i>	Striped Skunk	N	N	Furbearer	High	Brushy fields, weedy pastures, disturbed areas, residential areas
<i>Odocoileus virginianus</i>	White-tailed Deer	N	N	Game	High	Pine flatwoods, pine-oak forests, hammocks
<i>Peromyscus floridanus</i>	Florida Mouse	N	SSC	N	High	Xeric upland communities with sandy soils, including scrub, sandhill, and ruderal sites; present in the Chassahowitzka Wildlife Management Area
<i>Procyon lotor</i>	Raccoon	N	N	Furbearer	High	Forested uplands, forested wetlands
<i>Sciurus carolinensis</i>	Eastern Gray Squirrel	N	N	Game	High	Forested uplands, urban areas
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	N	SSC	N	Observed by Golder	Sandhills, pine flatwoods, pastures and other open, ruderal habitats with scattered pines and oaks
<i>Sorex longirostris eionis</i>	Homosassa Shrew	N	SSC	N	Moderate	Moist areas, forested wetlands, riparian forests, fields, brushy areas; near Homosassa Springs area
<i>Spilogale putorius</i>	Eastern Spotted Skunk	N	N	Furbearer	High	Brushy fields, weedy pastures, disturbed areas, residential areas
<i>Sylvilagus floridanus</i>	Eastern Cottontail	N	N	Game	High	Brushland, weed and briar patches, abandoned fields, areas fringing cultivated fields
<i>Sylvilagus palustris</i>	Marsh Rabbit	N	N	Game	High	Wet bottomlands, swamps, marshes, hammocks
<i>Trichechus manatus</i>	Manatee	E	E	N	Moderate	Bays, rivers
<i>Ursus americanus floridanus</i>	Florida Black Bear	N	T	N	High	Large areas of forested uplands, forested wetlands; present within the Chassahowitzka Wildlife Management Area

Notes:

N = Not Listed

T = Threatened

E = Endangered

SSC = Species of Special Concern

T(SA) = Threatened due to similarity in appearance to a federally listed species

F.A.C. = Florida Administrative Code

Source:

FNAI, FNAI Search, 2001

FNAI, FNAI Tracking List, 2008

Nature Serve Explorer, 2008

SERPIN, 2008

Table 9-A5.5-1
Maximum Calculated EMF
230-kV CB Transmission Line ^{1 & 2}

Right-of-Way (ROW) Configuration	Existing/ New	ROW Width (ft)	Electric Field (kV/m)			Magnetic Field (mG)	
			Within ROW	Left Edge ³ of ROW	Right Edge ³ of ROW	Left Edge ³ of ROW	Right Edge ³ of ROW
Typical tangent monopole with vertical configuration on 100-ft right-of-way		100	3.7	0.07	0.4	83.83	147.11
Typical tangent monopole with vertical configuration on 55-ft right-of-way parallel to public road		55	3.7	0.07	0.14	83.83	42.4
Typical tangent monopole with vertical configuration on 365-ft right-of-way parallel to, and including, PEF existing 500/230-kV 295-ft right-of-way (new line on right side of ROW)	Existing	295	8.8	3.65	0.48	335.61	69.42
	New	365	8.8	3.64	0.37	333.09	140.4
Typical tangent V-string monopole with vertical configuration on 385-ft right-of-way parallel to, and including, PEF existing 500/230-kV 295-ft right-of-way (new line on right side of ROW)	Existing	295	8.8	3.65	0.48	335.61	69.42
	New	385	8.8	3.63	0.14	331.73	94.18
Typical tangent monopole with vertical configuration on 1325-ft right-of-way parallel to PEF existing 500/230-kV lines		1,325	9.1	0.04	0.15	19.87	48.11
Typical tangent V-string monopole with vertical configuration on 1325-ft right-of-way parallel to PEF existing 500/230-kV lines		1,325	9.0	0.04	0.14	19.87	48.20

Table 9-A5.5-1
Maximum Calculated EMF
230-kV CB Transmission Line ^{1 & 2}

Right-of-Way (ROW) Configuration	Existing/ New	ROW Width (ft)	Electric Field (kV/m)			Magnetic Field (mG)	
			Within ROW	Left Edge ³ of ROW	Right Edge ³ of ROW	Left Edge ³ of ROW	Right Edge ³ of ROW
Typical tangent monopole with vertical configuration and 115-kV underbuild on 100-ft right-of-way		100	1.0	0.08	0.33	74.02	49.59
Florida EMF Rule limit for new 230-kV transmission line			8	2.00	2.00	150	150

¹ The Maximum Current Rating of the proposed 230-kV line is 3000 amperes per phase.

² Where calculations under this section indicate that operation of existing electrical facilities on an existing ROW produces electric or magnetic fields at levels higher than the limits specified for new facilities in Rule 62-814.450, F.A.C., a new electrical facility may be constructed and operated on that existing ROW provided that the new facility does not increase the electric or magnetic fields above the maximum field values created by the existing lines. Rule 62-814.470(1)(c), F.A.C.

³ Left and right side of ROW looking toward LNP.

Table 9-A5.5-2
Maximum Calculated Audible Noise
230-kV CB Transmission Line

Right-Of-Way Configuration	L ₅₀ *
	(dBA)
Typical tangent monopole with vertical configuration on 100-ft right-of-way	39
Typical tangent monopole with vertical configuration on 55-ft right-of-way parallel to public road	42
Typical tangent monopole with vertical configuration on 365-ft right-of-way parallel to, and including, PEF existing 500/230-kV 295-ft right-of-way (new line on right side of right-of-way)	49
Typical tangent V-string monopole with vertical configuration on 385-ft right-of-way parallel to, and including, PEF existing 500/230-kV 295-ft right-of-way (new line on right side of right-of-way)	49
Typical tangent monopole with vertical configuration on 1325-ft right-of-way parallel to PEF existing 500/230-kV lines	48
Typical tangent V-string monopole with vertical configuration on 1325-ft right-of-way parallel to PEF existing 500/230-kV lines	48
Typical tangent monopole with vertical configuration and 115-kV underbuild on 100-ft right-of-way	37

*Maximum audible noise occurs during rain or other wet weather conditions.
Noise levels will be lower during dry weather conditions.
All calculated values are rounded up to the nearest whole number.