

**ATTACHMENT “6”**

**OTTER CREEK – CONASTONE 230 kV TRANSMISSION LINE REBUILD  
LIST OF GOVERNMENTAL AGENCIES, MUNICIPALITIES AND  
OTHER PUBLIC ENTITIES**

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PPL Electric consulted with various agencies, municipalities, elected officials and their staff, and other public entities to gather information for the route planning process or otherwise notify of the proposed project. PPL Electric and its representatives sent notification letters to York County and the municipalities traversed by the existing route to notify them of the planned project, obtain input and data regarding the project and resources in the project study area, address concerns, and gain valuable input toward understanding potential impacts of the project. Additional information was also requested from and consultation was held with federal, state, and local agencies regarding threatened and endangered species, cultural resources, and other environmental, land use, and permitting requirements and considerations. Copies of consultation and notification letters are appended to this attachment.

The agencies and groups consulted or notified include the following:

**Federal Agencies**

U.S. Army Corps of Engineers  
Baltimore District– CENAB-OP-R  
Regulatory Branch  
P.O. Box 1715  
Baltimore, Maryland 21203–1715

U.S. Fish and Wildlife Service  
Pennsylvania Field Office  
315 South Allen Street, Suite 322  
State College, PA 16801-4850

**State Agencies**

Pennsylvania Department of Environmental  
Protection  
Northeast Regional Office  
2 Public Square  
Wilkes-Barre, PA 18711-0790

Pennsylvania Department of Conservation  
and Natural Resources  
Rachel Carson State Office Building  
PO Box 8767  
400 Market Street  
Harrisburg, PA 17105-8767

Pennsylvania Game Commission  
2001 Elmerton Avenue  
Harrisburg, PA 17110-9797

Pennsylvania Fish and Boat Commission  
1601 Elmerton Avenue  
PO Box 67000  
Harrisburg, PA 17106-7000

Pennsylvania Historical and Museum  
Commission  
State Historic Preservation Office  
300 North Street  
Harrisburg, PA 17120

## **Regional/Local Agencies**

Chanceford Township Board of Supervisors  
P.O. Box 115  
Muddy Creek Road  
Brogue, PA 17309

Chanceford Township Planning Commission  
P.O. Box 115  
Muddy Creek Road  
Brogue, PA 17309

East Hopewell Township Board of  
Supervisors  
8916 Hickory Road  
Felton, PA 17322

East Hopewell Township Planning  
Commission  
8916 Hickory Road  
Felton, PA 17322

Hopewell Township Board of Supervisors  
P.O. Box 429  
Stewartstown, PA 17363

Hopewell Township Planning Commission  
P.O. Box 429  
Stewartstown, PA 17363

York County Board of Commissioners  
28 East Market Street  
Room 216  
York, PA 17401

York County Planning Commission  
28 East Market Street  
Room 301  
York, PA 17401

York County Agricultural Land Preservation  
Board  
118 Pleasant Acres Road Suite F  
York, PA 17402

## **Other Groups**

Metropolitan Edison Company  
Attn. Mr. Donald Brennan, President  
2800 Pottsville Pike  
P.O. Box 16001  
Reading, PA 19612-6001

**CONSULTATION AND NOTIFICATION LETTERS**

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# pennsylvania

DEPARTMENT OF CONSERVATION  
AND NATURAL RESOURCES

## BUREAU OF FORESTRY

October 15, 2010

PNDI Number: 21017

Sue Sutter

The Louis Berger Group, Inc.

FAX: 603-644-5220 (hard copy WILL NOT follow)

Re: Otter Creek – Conastone 230 kV Transmission Line  
Chanceford, East Hopewell and Hopewell Townships; York County

Dear Ms. Sutter,

Thank you for submission of the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Receipt Number 21017 for review. PA Department of Conservation and Natural Resources screened this project for potential impacts to species and resources of concern under DCNR's responsibility, which includes plants, terrestrial invertebrates, natural communities, and geologic features only.

### POTENTIAL IMPACT ANTICIPATED:

PNDI records indicate species or resources of concern are located near the proposed route. Based on a detailed PNDI review, DCNR determined potential impacts to the following threatened or endangered species or species of special concern.

### DCNR requests a survey for the following species:

***Asplenium plinnatifidum* (Lobed spleenwort)** Currently unlisted, Proposed PA Rare: Found on crevices of dry, lightly shaded cliffs of non-calcareous rocks; survey in Summer. Please survey the proposed transmission line route in all areas within 1000 feet of the North Branch of Muddy Creek (north and south banks).

***Gaylussacia dumosa* (Dwarf huckleberry)** PA Endangered: Found in wet woods and thickets; flowering in June, fruiting in July and August. Please survey the proposed transmission line route in Hopewell Township for this species.

***Magnolia tripetala* (Umbrella magnolia)** PA Threatened, Proposed PA Rare: Found on rich, wooded slopes and floodplains; flowers in May with the leaves. Please survey all wooded areas and woods edges along the entire length of the proposed route for this species.

***Rhododendron atlanticum* (Dwarf azalea)** PA Endangered: Found in moist woods; flowering in May. Please survey the proposed transmission line route in Hopewell Township for this species.

- A survey for the above species should be conducted by a qualified botanist at the appropriate time of year and then submitted to our office for review. Your botanist should fill out the field survey form while performing their survey: <http://www.naturalheritage.state.pa.us/InternetFieldSurveyForm.pdf>. Contact our office prior to the survey for detailed information about the species, or for a list of qualified surveyors.
- Any target or non-target state-listed species found during the site visit should be reported. Mitigation measures and monitoring may be requested if species or communities of special concern are found on or adjacent to site.
- If the land type(s) does not exist onsite a survey may not be necessary; please submit a habitat assessment report which describes the current land cover, habitat types and species found onsite.

This response represents the most up-to-date summary of the PNDI data files and is valid for one (1) year from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on-site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered. Should the proposed work continue beyond the period covered by this letter, please resubmit the project to this agency as an "Update" (including an updated PNDI receipt, project narrative and accurate map).

This finding applies to impacts to DCNR only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure the U.S. Fish and Wildlife Service, PA Game Commission, and the Pennsylvania Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at [www.naturalheritage.state.pa.us](http://www.naturalheritage.state.pa.us).

Sincerely,

Mr. Kelly L. Sitch, Environmental Review Specialist FOR Chris Firestone, Wild Plant Program Mgr.  
Ph: 717-425-5370 ~ Fax: 717-772-0271 ~ [c-ksitch@state.pa.us](mailto:c-ksitch@state.pa.us)

conserve

sustain

enjoy

P.O. Box 8552, Harrisburg, PA 17105-8552 717-787-3444 (fax) 717-772-0271

## BOTANICAL SURVEY REQUIREMENTS for DCNR SPECIES OF SPECIAL CONCERN

This informational sheet has been designed to inform the applicant of all necessary requirements in a botanical survey and survey report. This sheet includes what to send us in your survey report and guidelines on how to conduct a survey for DCNR Species of Special Concern. Please follow these guidelines (or have your botanist follow these guidelines) when surveying and submitting the report. Due to limited time constraints please make sure you have completed the survey properly and that the survey report is complete. If the survey report is incomplete or the survey has not been completed properly, DCNR Bureau of Forestry Ecological Services will request additional information or project area be re-surveyed, resulting in a loss of time for the project.

### Guidelines for Conducting Surveys for Species Related to Environmental Reviews

The surveys must include an evaluation of all habitats within the proposed project area, or the portions indicated by BOF needing evaluation. Surveys are to be conducted during the period when the phenology of the target species allows for identification (preferred) – or, if the survey is conducted at some other time, it must be followed up by a survey at the appropriate time of year if the presence of the target species cannot be ruled out on the basis of lack of suitable habitat.

Documentation of the survey should include PNDI survey forms, including a Botanical Field Survey Form for each Plant of Special Concern in Pennsylvania species encountered, whether or not the species is on the target list. These forms must include the following:

- Brief descriptions of all major habitat types encountered.
- A reasonably complete list of the plants for any areas that represent potential habitat for the target species.

In addition, voucher specimens should be collected according to the Vascular Plant Technical Committee guidelines for the following:

- Species that cannot be positively identified by the surveyor in the field.
- Species closely related to and/or easily confused with the target species.
- A permit is required for collection.
- When a species of special concern is found onsite.

### **Permits**

In order to possess plants or parts of plants classified as Pennsylvania Endangered (PE) or Pennsylvania Threatened (PT) a botanist must have in possession a Wild Plant Management Permit. This annual permit is available from DCNR, Bureau of Forestry, Chris Firestone, Wild Plant Program Manager, P.O. Box 8552, Harrisburg, PA 17105, (717) 783-3227.

### **Survey Report Checklist (Survey reports MUST include the following):**

- Completed Botanical Field Survey Forms, available at <http://www.naturalheritage.state.pa.us/InternetFieldSurveyForm.pdf>. This method standardizes information and, if species were found, is able to be input in the Pennsylvania Natural Heritage Program database.
- Narrative describing in detail how the survey was completed. Explain methods and techniques used.
- Map showing area surveyed. This is necessary for us to be able to see where the project area/disturbance area is and where the botanist surveyed. If the disturbance area was not surveyed, DCNR will ask for a new survey including area to be disturbed.
- Inventory list of all plants & trees found in project area. The botanist should keep a running tally of all species encountered during survey and include in report.
- If species of special concern are found onsite:
  - Document location on a map. Overlay the location of the species with site plans (if applicable) to show limits of disturbance and proximity to species' location.
  - Include on map numbers of individuals or populations found, GPS locations of populations and delineate limits of populations.
  - Estimate number of individuals in populations.
  - Delineate the immediate potential habitat for the species.
  - A voucher specimen should be collected.
  - Photos of specimens and habitats found onsite, showing diagnostic characteristics
- Botanist resume, credentials or experience.

Return to Deb Fisler, Ecological Services Section, DCNR/BOF/PNDI, P.O. Box 8552, Harrisburg, PA 17105-8552

### Botanical Field Survey Form for Environmental Review

*If botanist finds species of special concern on site, immediately contact our office at 717-787-3444 or [dfisler@state.pa.us](mailto:dfisler@state.pa.us) as we will likely want to revisit the population while it is still an appropriate time. Failure to contact our office immediately may result in a delay until next year's growing season.*

*Fill out form multiple times if searched different habitats for species of special concern (SOSC).*

PNDI #			
County		Quad	
Survey Date/s		Surveyor	
Amount of time spent surveying area			
Name of site owner			
Directions to site			
GPS (decimal degrees preferred) approximate center point of site			
Scientific name/s of target species			
Site habitat description			
Substrate/soil type			
System:    Terrestrial            Palustrine            Estuarine			
<i>Community Description (describe below)</i>			
<i>Strata/life form</i>	<i>Height</i>	<i>% Cover</i>	<i>Most abundant/characteristic species</i>
Emergent tree			
Tree canopy			
Tree sub-canopy			
Tall shrub(>1 m)			
Short shrub(<1 m)			
Herbaceous			
Non-vascular			
Epiphyte/liana			
Other PA listed species that were not targeted for survey but may potentially exist on site-review PNDI list ( <a href="http://www.naturalheritage.state.pa.us/PlantsPage.aspx">http://www.naturalheritage.state.pa.us/PlantsPage.aspx</a> ) for species with similar preferred habitat			
Estimate of immediate area that is potential habitat for target SOSC			

Return to Deb Fiesler, Ecological Services Section, DCNR/BOF/PNDI, P.O. Box 8552, Harrisburg, PA 17105-8552

Identification problems? If yes, explain.

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References used (flora, experts, herbaria, etc.)

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**Include topographic map with development site, potential target species habitat, and found populations of SOSC all clearly delineated. Additional detail is welcome.**

**Include photographs of habitat and, if found, SOSC. Submit digital photos electronically.**

If SOSC was/were not found, check all reasons that apply:

<input type="checkbox"/> Ambiguous directions	<input type="checkbox"/> Disturbances	<input type="checkbox"/> Exotics	<input type="checkbox"/> Habitat destroyed
<input type="checkbox"/> Time of year	<input type="checkbox"/> Unsuitable habitat	<input type="checkbox"/> Weather	<input type="checkbox"/> Insufficiently/incompletely surveyed

Elements may have never occurred here - 1<sup>st</sup> time area searched

Other:

If previously known from this site, do you believe the species is/are now extirpated?  yes  no

Explain:

*Botanist only needs to continue if SOSC was/were found on site. Fill out form that follows multiple times if more than one SOSC was located.*

Directions (within site) to SOSC

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GPS coordinates (decimal degrees preferred)

Small populations - GPS center point and list radius necessary to enclose whole population  
 Large populations - GPS multiple points around population perimeter

**Habitat of SOSC (describe below)**

Aspect	Slope	Light	Topo Position	Moisture	Elevation
N	Flat	Open	Crest	Inundated	Min
E	0-10%	Partial	Upper slope	(hydric)	Max
S	10-35%	Filtered	Mid-slope	Saturated	
W	35+%	Shaded	Lower slope	(wet-mesic)	
NE	Vertical		Bottom	Moist	
NW				(mesic)	
SE				Dry	
SW				(mesic)	
None				Dry (xeric)	

**Plant Biology (describe below)**

Phenology	Ramets <sup>1</sup>	Genets <sup>2</sup>	Population Area	Age Structure	Vigor
In leaf	1-10		1 YD 2	Annuals	Very feeble
In bud	11-50		1-5 YD 2	% Seedlings	Feeble
In flower	51-100		5-10 YD 2	% Immature	Normal
Immature fruit	101-1000		10-100 YD 2	% 1st year	Vigorous
Mature fruit	1001-10K		100 YD 2 - 2 AC	% Mature	Exceptional vigor
Seed dispersing	10K+		2- ACRES	% Senescent	
	EST #		EST AREA		

<sup>1</sup>Ramet: individual reproduced vegetatively (a clone)  
<sup>2</sup>Genet: individual generated by sexual reproduction (a seedling)

Return to Deb Fiesler, Ecological Services Section, DCNR/BOF/PNDI, P.O. Box 8552, Harrisburg, PA 17105-8552

Biology comments
Population size, relative to other occurrences you have observed (state whether full extent of occurrences is known)
Age, successional stage of system
<input type="checkbox"/> Known or <input type="checkbox"/> Inferred land use history
Chemical treatment (known or suspected) with herbicides, pesticides, other
Other anthropogenic or unnatural disturbance
Integrity/fragmentation of community
List of invasive species (alien or native)
Threats (on-site)
Threats (off-site)
List other members of this genus that occur on site. Hybridization?
Specimen taken? Specimen label data, repository and number
Conservation recommendations (include details on how to best avoid, minimize, and mitigate impacts)



established 1866

# Pennsylvania Fish & Boat Commission

Division of Environmental Services  
Natural Diversity Section  
450 Robinson Lane  
Bellefonte, PA 16823-9620  
(814) 359-5237 Fax: (814) 359-5175

October 25, 2010

IN REPLY REFER TO  
SIR # 35174

SUE SUTTER  
THE LOUIS BERGER GROUP  
1001 ELM STREET  
SUITE 203  
MANCHESTER, NH 03101

RE: **Species Impact Review (SIR) - Rare, Candidate, Threatened and Endangered Species  
OTTER CREEK-CONASTONE TRANSMISSION LINE  
MULTIPLE MUNICIPALITIES, YORK County, Pennsylvania**

This responds to your inquiry about a Pennsylvania Natural Diversity Inventory (PNDI) Internet Database search "potential conflict" or a threatened and endangered species impact review. These projects are screened for potential conflicts with rare, candidate, threatened or endangered species under Pennsylvania Fish & Boat Commission jurisdiction (fish, reptiles, amphibians, aquatic invertebrates only) using the Pennsylvania Natural Diversity Inventory (PNDI) database and our own files. These species of special concern are listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, and the Pennsylvania Fish & Boat Code (Chapter 75), or the Wildlife Code. The absence of recorded information from our files does not necessarily imply actual conditions on site. Future field investigations could alter this determination. The information contained in our files is routinely updated. A Species Impact Review is valid for one year.

X **NO ADVERSE IMPACTS EXPECTED FROM THE PROPOSED PROJECT**

X Except for occasional transient species, rare, candidate, threatened or endangered species under our jurisdiction are not known to exist in the vicinity of the project area. Therefore, no biological assessment or further consultation regarding rare species is needed with the Commission. Should project plans change, or if additional information on listed or proposed species becomes available, this determination may be reconsidered.

The Pennsylvania Fish and Boat Commission has delegated coordination/consultation of joint state/federally listed species impact reviews to the PA Field Office of the U.S. Fish and Wildlife Service. Based on records maintained in the PNDI database and our own files, there are potential conflicts generated by your project that fall under their jurisdiction. Please send your project materials *if you have not already done so* to them at:

U.S. Fish and Wildlife Service  
Endangered Species Section  
315 South Allen St, Suite 322  
State College, PA 16801-4851

Thank you in advance for your cooperation and attention to this important matter of species conservation and habitat protection.

SIGNATURE: \_\_\_\_\_

DATE: October 25, 2010

Christopher A. Urban  
Chief, Natural Diversity Section

**Our Mission:**

[www.fish.state.pa.us](http://www.fish.state.pa.us)

*To protect, conserve and enhance the Commonwealth's aquatic resources and provide fishing and boating opportunities.*



BUREAU OF WILDLIFE  
HABITAT MANAGEMENT  
717-787-6818

COMMONWEALTH OF PENNSYLVANIA  
**Pennsylvania Game Commission**  
2001 ELMERTON AVENUE  
HARRISBURG, PA 17110-9797

*"To manage all wild birds, mammals and their habitats  
for current and future generations."*

**ADMINISTRATIVE BUREAUS:**

ADMINISTRATION.....	717-787-5670
HUMAN RESOURCES.....	717-787-7836
FISCAL MANAGEMENT.....	717-787-7314
CONTRACTS AND PROCUREMENT.....	717-787-6594
LICENSING.....	717-787-2084
OFFICE SERVICES.....	717-787-2116
WILDLIFE MANAGEMENT.....	717-787-5529
INFORMATION & EDUCATION.....	717-787-6286
WILDLIFE PROTECTION.....	717-783-6526
WILDLIFE HABITAT MANAGEMENT.....	717-787-6818
REAL ESTATE DIVISION.....	717-787-6568
AUTOMATED TECHNOLOGY SERVICES.....	717-787-4076

[www.pgc.state.pa.us](http://www.pgc.state.pa.us)

December 15, 2010

**Large Project Review**

Ms. Sue Sutter  
The Louis Berger Group, Inc.  
1001 Elm Street, Suite 203  
Manchester, New Hampshire 03101

Re: Otter Creek-Conastone 230 kV Transmission Line  
Replacement and/or Supplement of Existing Line  
York County, Pennsylvania

Dear Ms. Sutter,

Thank you for submitting the Otter Creek-Conastone 230 kV Transmission Line project to the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review for review. The Pennsylvania Game Commission (PGC) screened this project for potential impacts to species and resources of concern under PGC responsibility, which includes birds and mammals only.

**No Impact Anticipated**

PNDI records indicate species or resources of concern are located in the vicinity of the project. However, based on the information you submitted concerning the nature of the project, the immediate location, and our detailed resource information, the PGC has determined that no impact is likely. Therefore, no further coordination with the PGC will be necessary for this project at this time.

This response represents the most up-to-date summary of the PNDI data files and is valid for one (1) year from the date of this letter. An absence of recorded information does not necessarily imply actual conditions on site. Should project plans change or additional information on listed or proposed species become available, this determination may be reconsidered.

Should the proposed work continue beyond the period covered by this letter, please resubmit the project to this agency as an "Update" (including an updated PNDI receipt, project narrative and accurate map). If the proposed work has not changed and no additional information concerning listed species is found, the project will be cleared for PNDI requirements under this agency for an additional year.

This finding applies to impacts to birds and mammals only. To complete your review of state and federally-listed threatened and endangered species and species of special concern, please be sure that the U.S. Fish and Wildlife Service, the PA Department of Conservation and Natural

Resources, and/or the PA Fish and Boat Commission have been contacted regarding this project as directed by the online PNDI ER Tool found at [www.naturalheritage.state.pa.us](http://www.naturalheritage.state.pa.us).

Sincerely,



Olivia A. Braun  
Environmental Planner  
Division of Environmental Planning & Habitat Protection  
Bureau of Wildlife Habitat Management  
Phone: 717-787-4250, Extension 3128  
Fax: 717-787-6957  
e-Mail: [OBraun@state.pa.us](mailto:OBraun@state.pa.us)

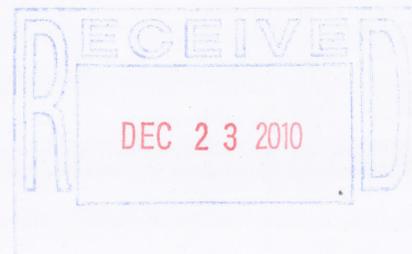
A PNHP Partner



Pennsylvania Natural Heritage Program

OAB/oab

cc: Librandi Mumma, PGC  
File





# United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Pennsylvania Field Office  
315 South Allen Street, Suite 322  
State College, Pennsylvania 16801-4850

February 14, 2011

Sue Sutter  
The Louis Berger Group, Inc.  
1001 Elm Street  
Suite 203  
Manchester, NH 03101

RE: USFWS Project #2011-0008

Dear Ms. Sutter:

This responds to your initial letter of October 1, 2010, requesting information about federally listed and proposed endangered and threatened species within the area affected by PPL Electric Utilities proposed Otter Creek to Conastone 230kV transmission line replacement project located in multiple townships, York County, Pennsylvania. The following comments are provided pursuant to the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) to ensure the protection of endangered and threatened species.

The project is within the known range of the bog turtle, a species that is federally listed as threatened. Bog turtles inhabit shallow, spring-fed fens, sphagnum bogs, swamps, marshy meadows, and pastures characterized by soft, muddy bottoms; clear, cool, slow-flowing water, often forming a network of rivulets; high humidity; and an open canopy. Bog turtles usually occur in small, discrete populations occupying suitable wetland habitat dispersed along a watershed. The occupied "intermediate successional stage" wetland habitat is usually a mosaic of micro-habitats ranging from dry pockets, to areas that are saturated with water, to areas that are periodically flooded. Some wetlands occupied by bog turtles are located in agricultural areas and are subject to grazing by livestock.

To determine the potential effects of the proposed project on bog turtles and their habitat, begin by identifying all wetlands in, and within 300 feet of, the project area. The project area includes all areas that will be permanently or temporarily affected by any and all project features, including building, roads, staging areas, utility lines, outfall and intake structures, wells, stormwater retention or detention basins, parking lots, driveways, lawns, etc. The area of investigation should be expanded when project effects might extend more than 300 feet from the project footprint. For example, the hydrological effects of some projects (*e.g.*, large residential or commercial developments; golf courses; community water supply wells) might extend well beyond the project footprint due to the effects that impervious surfaces or groundwater pumping may have on the hydrology of nearby groundwater-dependent wetlands. Wetlands should be included on a map showing existing as well as proposed project features.

*If someone qualified to identify and delineate wetlands has, through a field investigation, determined that no wetlands are located in or within 300 feet of the project area (or within the expanded investigation area, as described above), it is not likely that your project will adversely affect the bog turtle. If this is the case, no further consultation with the Fish and Wildlife Service is necessary, although we would appreciate receiving a courtesy copy of the wetland investigator's findings for our files.*

If wetlands have been identified in or within 300 feet of the project area (or in an expanded investigation area, as described above), assess their potential suitability as bog turtle habitat, as described under "*Bog Turtle Habitat Survey*" (Phase 1 survey) of the *Guidelines for Bog Turtle Surveys* (revised April 2006). Survey results should be submitted to the Service for review and concurrence. The survey guidelines, as well as a Phase 1 field form and report template, are available from the Service upon request.

Due to the skill required to correctly identify potential bog turtle habitat, we recommend that the Phase 1 survey be done by a qualified surveyor (see enclosed list). If the Phase 1 survey is done by someone who is not on this list, it is likely that a site visit by a Fish and Wildlife Service biologist will be necessary to verify their findings. *Due to the limited availability of staff from this office, such a visit may not be possible for some time. Use of a qualified surveyor will expedite our review of the survey results.*

If potential bog turtle habitat is found in or near the project area, efforts should be made to avoid any direct or indirect impacts to those wetlands (see enclosed *Bog Turtle Conservation Zones*). Avoidance of direct and indirect effects means no disturbance to or encroachment into the wetlands (e.g., filling, ditching or draining) for any project-associated features or activities. Adverse effects may also be anticipated to occur when lot lines include portions of the wetland; when an adequate upland buffer is not retained around the wetland (see *Bog Turtle Conservation Zones*); or when roads, stormwater/sedimentation basins, impervious surfaces, or wells affect the hydrology of the wetland.

If potential habitat is found, submit (along with your Phase 1 survey results) a detailed project description and detailed project plans documenting how direct and indirect impacts to the wetlands will be avoided. If adverse effects to these wetlands cannot be avoided, a more detailed and thorough survey should be done, as described under "*Bog Turtle Survey*" (Phase 2 survey) of the *Guidelines*. The Phase 2 survey should be conducted by a qualified biologist with bog turtle field survey experience (see enclosed list of qualified surveyors). Submit survey results to the Service for review and concurrence.

In cases where adverse effects to federally listed species cannot be avoided, further consultation with the Service would be necessary to avoid potential violations of section 9 (prohibiting "take" of listed species) and/or section 7 (requiring federal agencies to consult) of the Endangered Species Act. Information about the section 7 and section 10 consultation processes (for federal and non-federal actions, respectively) can be obtained by contacting this office or accessing the Service's Endangered Species Home Page (<http://endangered.fws.gov>).

This response relates only to endangered and threatened species under our jurisdiction, based on an office review of the proposed project's location. No field inspection of the project area has been conducted by this office. Consequently, this letter is not to be construed as addressing potential Service concerns under the Fish and Wildlife Coordination Act or other authorities. A compilation of certain federal status species in Pennsylvania is enclosed for your information.

*To avoid potential delays in reviewing your project, please use the above-referenced USFWS project tracking number in any future correspondence regarding this project.*

Please contact Bonnie Dershem of my staff at 814-234-4090 if you have any questions or require further assistance regarding this matter.

Sincerely,



Clinton Riley  
Field Office Supervisor

Enclosures

**U.S. FISH AND WILDLIFE SERVICE  
& PENNSYLVANIA FISH AND BOAT COMMISSION**

**QUALIFIED BOG TURTLE SURVEYORS**

The following list includes persons known by the U.S. Fish and Wildlife Service and the Pennsylvania Fish and Boat Commission to have the skills and experience to search for and successfully find bog turtles and their habitat. This list includes individuals who do bog turtle survey work in Pennsylvania on a contractual basis. Any individuals handling or conducting surveys for bog turtles must first obtain from the Pennsylvania Fish and Boat Commission a Scientific Collector's Permit, and a Special Permit to survey for endangered and threatened species pursuant to 58 PA Code 75.4. All permitted collector's encounters with bog turtles must be reported in writing to the Commission and Service within 48 hours.

Contracted bog turtle surveys and research will be overseen by a qualified surveyor, who will be present in the field at all times during the investigation. Qualified surveyors are the individuals who act in the capacity of Principal Investigator (PI), having in-field oversight responsibility for surveys, bog turtle captures, turtle identification and marking, telemetry studies, and safe handling procedures. They are also the individuals responsible for ensuring 1) they and their assistants have the appropriate permits to conduct bog turtle work, 2) surveys are carried out in accordance with survey protocols, and 3) reports are accurate and complete and submitted to the appropriate agencies. Phase 1 and Phase 2 surveys should be carried out in accordance with the Service's *Guidelines for Bog Turtle Surveys* (dated April 2006); exceptions should be reviewed and approved by the Service and Commission.

This information is not to be construed as an endorsement of individuals or firms by the Service, the Commission, or any of its employees. Persons not on this list, but who have documented experience in conducting scientific studies of, or successful searches for, bog turtles and their habitat may submit their qualifications to the Service and the Commission for review. Additions to and deletions from this list are at the sole discretion of the Service and Commission. This list is subject to revision at any time without prior notice.

<p>Ben Berra Skelly and Loy, Inc. 449 Eisenhower Blvd - Suite 300 Harrisburg, PA 17111-2302 717-232-0593 or 800-892-6532 bberra@skellyloy.com</p>	<p>Tessa Mai Bickhart Herpetological Associates, Inc. 581 Airport Road Bethel, PA 19507 717-933-8380; 717-933-4096 (fax) TBickhart@herpetologicalassociates.com</p>	<p>Stan Boder Wildlife Specialists, LLC 942 Camp Trail Road Quakertown, PA 18951 office: 215-529-7280 cell: 570-952-1169 fax: 215-529-1556 stan@wildlife-specialists.com</p>
<p>Andrew Brookens Skelly and Loy, Inc. 449 Eisenhower Blvd - Suite 300 Harrisburg, PA 17111-2302 717-232-0593 or 800-892-6532 abrookens@skellyloy.com</p>	<p>Robert Bull The Wilson T. Ballard Company 28 Northbrook Drive - Suite 3 Shrewsbury, PA 17361 717-235-0770; 717-235-3149 (fax) rbull@wtbco.com</p>	<p>Scott E. Bush Conestoga-Rovers &amp; Associates 410 Eagleview Blvd., Suite 110 Exton, PA 19341 610-321-1800; 610-321-2763 (fax) sbush@craworld.com</p>
<p>Jay Drasher Aqua-Terra Environmental Ltd. P.O. Box 4099 Reading, PA 19606 610-374-7500; 610-374-7480 (fax) aquaterral@aol.com</p>	<p>Bryon DuBois Trident Environmental 521 Beaver Valley Pike Lancaster, PA 17602 908-814-1109 (cell); 732-818-3744 (fax) BDubois@tridentenviro.com</p>	<p>B. Scott Fiegel Ecological Associates, LLC 185 Long Lane, PO Box 181 Oley, PA 19547-0181 610-987-6585 Bscottfiegel@aol.com</p>



THE Louis Berger Group, INC.

1001 Elm Street, Suite 203, Manchester, NH 03101  
Telephone: 603-644-5200 Fax: 603-644-5220

October 1, 2010

Department of Conservation and Natural Resource  
Bureau of Forestry, Ecological Services Section  
400 Market Street., PO Box 8552  
Harrisburg, Pennsylvania 17105

Re: Otter Creek-Conastone 230 kV Transmission Line  
Request for Project Review for Pennsylvania Natural Diversity Inventory  
Large Project

We request, on behalf of PPL Electric Utilities, that your agency provide a Pennsylvania Natural Diversity Inventory (PNDI) review for current state and federal listed rare, threatened, and endangered species and habitats that are known to occur, or that could potentially occur, in the vicinity of the Study Area for the proposed Otter Creek-Conastone 230 kV Transmission Line (Project).

PPL Electric Utilities has determined that the existing, single-circuit Otter Creek-Conastone 230 kV transmission line segment between the Otter Creek Substation located in Chanceford Township and the Pennsylvania-Maryland border in Hopewell Township, should be replaced with a new double-circuit 230 kV line and structures. This segment of line is approximately 12 miles long and is being replaced/supplemented as part of the PPL Electric Utilities Asset Optimization Strategy (AOS) program.

PPL EU intends to submit a Letter of Notification (LON) to the Pennsylvania Utility Commission (PUC) in order to rebuild this transmission line in its current location. This rebuild will entail new transmission structures and conduit on existing right-of-way. PPL EU does not anticipate the need for additional right-of-way for this rebuild. In Pennsylvania, the proposed transmission line traverses portions of York County, and is shown on the attached overview map and USPS topographic quad maps. The existing transmission line crosses the following USGS quad maps: Airville, Stewartstown, and Norrisville. Please note that the Otter Creek-Conastone transmission line is the yellow highlighted line on the attached USGS quad maps.

We have attached the completed PNDI Form. If you would like a GIS shapefile of the Project on individual USGS quad maps, please let me know and we'll be happy to provide it. Similarly, if you are able to provide the locations of any records you find during your PNDI search on a shapefile for us, we would appreciate it.



Please provide the requested information in writing and by email or fax at your earliest convenience to me at [ssutter@louisberger.com](mailto:ssutter@louisberger.com) or 1001 Elm Street, Suite 203, Manchester, NH 03101. If you have any questions please do not hesitate to contact me at this email address, by phone at 781-707-7445, or by fax at 603-644-5220.

Sincerely,

Sue Sutter  
Senior Environmental Scientist  
The Louis Berger Group, Inc.



# Pennsylvania Natural Diversity Inventory

## Project Planning & Environmental Review Form

This form provides site information necessary to perform an Environmental Review for special concern species and resources listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat code or the Pennsylvania Game and Wildlife Code.

### Applicant Information

Name: Ppl Electric Utilities, Ken Kuhn Siting Supervisor  
Address: Two North Ninth St (Genn4) Allentown, Pa 18101  
Phone Number: 610.774.5956 Fax Number: 610.774.6239

### Contact Person Information - if different from applicant

Name: Sue Sutter The Louis Berger Group, Inc.  
Address: 1001 Elm Street, Suite 203, Manchester, Nh 03101  
Phone Number: 781-707-7445 Fax Number: 603-644-5220

### Project Information

Project Name: Otter Creek-Conastone 230 Kv Transmission Line  
Project Location: York County  
Municipality: Too Many To Show County: York  
 Attach a copy of a U.S.G.S. 7 1/2 Minute Quadrangle Map with Project Boundaries clearly marked.  
U.S.G.S. Quad Name: Quad Names Listed. Too Many To Show

### Project Description

#### Proposed Project Activity (including ALL earth disturbance areas and current conditions)

PPL Electric Utilities proposed to replace the existing, single-circuit Otter Creek-Conastone 230 kV transmission line segment between the Otter Creek Substation located in Chanceford Township and the Pennsylvania-Maryland border in Hopewell Township with a new double-circuit 230 kV line and structures. This segment of line is approximately 12 miles long and is being replaced as part of PPL Electric Utilities Asset Optimization Strategy (AOS) program. This replacement will entail new transmission structures and conduit on the existing right-of-way.

Total Acres of Property: Unknown Acreage to be Impacted: Unknown

1. Will the entire project occur in or on an existing building, parking lot, driveway, road, maintained road shoulder, street, runway, paved area, railroad bed, or maintained lawn? Yes  No
2. Are there any waterways or waterbodies (intermittent or perennial rivers, streams, creeks, tributaries, lakes or ponds) in or near the project area, or on the land parcel? If so, how many feet away is the project? Yes  Aerial xin Feet No
3. Are wetlands located in or within 300 feet of the project area? Yes  No  If No, is this the result of a wetland delineation?

If you have a "PNDI Project Environmental Review Receipt" with potential impacts, please send a receipt copy, this completed form, and a USGS Quad Map to the agency/agencies noted on the receipt. If you are unable to generate a PNDI Receipt because you do not have Internet access, complete this form, attach a USGS Quad Map, and send them to your local DEP or County Conservation District. For review of a "Large Project," please send form and map to all the agencies listed below. See page 2 for more information.

**Dept. of Conservation and Natural Resources**

Bureau of Forestry, Ecological Services Section  
400 Market St., PO Box 8552  
Harrisburg, PA 17105  
fax: 717-772-0271

**PA Fish and Boat Commission**

Natural Diversity Section  
450 Robinson Lane  
Bellefonte, PA 16823  
fax 814-359-5175

**PA Game Commission**

Bureau of Land Management  
2001 Elmerton Avenue  
Harrisburg, PA 17110-9797  
fax: 717-787-6957

**US Fish and Wildlife Service**

Endangered Species Biologist  
315 South Allen St., Suite 322  
State College, PA 16801  
no faxes please

## **How to Use the PNDI Project Planning & Environmental Review Form**

### **How do I access the PNDI Environmental Review Tool?**

Visit [www.naturalheritage.state.pa.us](http://www.naturalheritage.state.pa.us). Click on “PNDI Project Planning and Environmental Review” on the bottom left corner of the homepage to access the tool. Follow this link to access the ER Tool and for step-by-step instructions on using the ER Tool, FAQ’s and access to an electronic version of the PNDI Form.

### **When do I use this form?**

**1. *Before conducting the PNDI online search***

The Applicant can complete the PNDI Form and submit it to the person conducting the online PNDI Project Planning and Environmental Review Tool search. This person performing the search could be someone from DEP, the County Conservation Districts, or a consultant. Alternatively, if the Applicant plans to conduct the PNDI online search his or herself—a search form is not needed prior to the PNDI online search.

**2. *After conducting the PNDI online search***

If your PNDI Project Environmental Review Receipt has “Potential Impacts,” DEP and the jurisdictional agencies require that you submit additional information to the agencies noted on the Receipt for further review. Please send a copy of the PNDI Receipt, a completed PNDI Form, and a USGS 7.5 minute quadrangle map with project boundaries delineated on the map to the agencies referenced on your PNDI Receipt.

**3. *If your Project is a “Large Project”***— too large/long to search on the online system

Projects are considered “Large Projects” when the ENTIRE project is:

- Linear/Large Projects that exceed map limits: approximately 2-2.84 miles depending on browser size
- Projects that will not fit on 1:24,000 scale map. Project Maximums: 1024 x 768 browsers: 2625 acres; 15,000 feet long x 7600 feet wide; approximately 2.84 miles 800 x 600 browsers: 1050 acres; 11,000 feet long x 4000 feet wide; approximately 2 miles
- Township-wide, Countywide or Statewide Projects. Examples: Act 537 Sewage Plans, Wind Farms, Roadway Improvements exceeding map limits above.

For “Large Project” review, please forward a completed PNDI Form and a USGS 7.5 minute quadrangle with project boundaries and quad name marked on the map to DCNR, PFBC, PGC, and USFWS (contact information on page 1 of form). Due to system limitations and agency requirements, projects should not be submitted piecemeal. The entire project area including roads and infrastructure should be submitted as a single unit.

### **PNDI Form Definitions**

**Applicant:** Person that owns the property or is proposing the project or activity

**Contact Person:** Person to receive response if different than applicant (e.g. Consultant)

**Project Name:** Descriptive title of project (e.g. Twin Pines Subdivision, Miller Bridge Replacement)

**Project Location:** Description of actual location (e.g. Intersection of Smith and Clay Rd., Latitude & Longitude)

**Proposed Activity:** Include ALL earth disturbance activities for project (e.g. for a timber sale—include stream crossings, cutting areas and new roadway accesses). Also include Current Conditions (e.g. housing, farmland, current land cover), and how Construction/Maintenance Activity is to be accomplished

**Total Acres of Property:** Entire site acreage (e.g. timber sale property—including road access (200 acres)

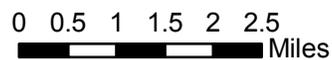
**Acreage to be Impacted:** Disturbance acreage (e.g. timber sale—if the property is 200 acres, but only 100 acres will be disturbed, for example: cutting on 90 acres, a road impacting 10 acres); include all temporary and permanent activities



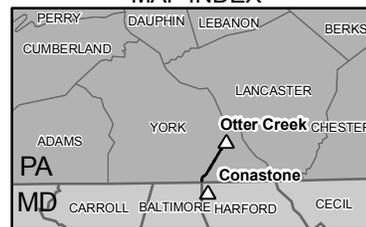
**Legend**

-  Substations
-  Study Area

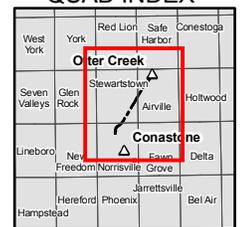
**Otter Creek-Conastone  
230 kV Line**



**MAP INDEX**



**QUAD INDEX**



COMMONWEALTH OF PENNSYLVANIA  
**FISH AND BOAT COMMISSION**  
 NATURAL DIVERSITY SECTION  
**SPECIES IMPACT REVIEW (SIR) REQUEST FORM**

A. This form provides the site information necessary to perform a computer database search for species of special concern listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat Code or the Wildlife Code.

B. Use only **one form** for each proposed project or location. Complete the information below and **mail** form to:

Natural Diversity Section  
 Division of Environmental Services  
 PA Fish and Boat Commission  
 450 Robinson Lane  
 Bellefonte, PA 16823  
 Fax: (814) 359-5175

C. This form, a cover letter including a project narrative, and accompanying maps should be sent to the above address for environmental reviews that **only** concern **reptiles, amphibians, fishes and aquatic invertebrates**. Reviews for other natural resources must be submitted to other appropriate agencies.

D. The absence of recorded information from our databases and files does not necessarily imply actual conditions on site. Future field investigations could alter this determination. The information contained in our files is routinely updated. A review is valid for one year.

E. **Please send us only one (1) copy of your request** – either by fax or by mail – not both. Mail is preferred to improve legibility of maps. Facsimile submission will not improve our response turn-around time.

F. **Allow 30 days for completion of the review from the date of PFBC receipt**. Large projects and workload may extend this review timeframe.

G. **In any future correspondence with us following your receipt of the SIR response, please refer to the assigned SIR number at the top left of our cover letter.**

H. **FORMS THAT ARE NOT COMPLETED IN FULL WILL NOT BE REVIEWED.**

**PLEASE PRINT OR TYPE:** If available, provide the potential conflict **PNDI Search Number:** \_\_\_\_\_

PFBC response should be sent to:

Company/Agency: The Louis Berger Group, Inc. Form Preparer: Sue Sutter

Address: 1001 Elm Street, Suite 203, Manchester, NH 03101

Phone (8:00 AM to 4:00 PM): 610.774.5956

Project Description: Replacement of the PPL Electric Utilities owned existing single-circuit 230 kV Otter Creek-Conastone transmission line located in York County.

Indicate if the project is: Transportation  or Non-transportation  (check one)

Will the proposed project encroach directly or indirectly (e.g., runoff) upon wetlands or waterways? Circle one for each:

Wetlands: Yes No Unknown Waterways: Yes No Unknown

County: York Township/Municipality: Multiple

Name of the United States Geological Survey (U.S.G.S.) 7.5 Minute Quadrangle Map where project is located:

Multiple, see attached letter Project size (in acres): Unknown

Attach an 8.5" by 11" photocopy (**DO NOT REDUCE**) of the section of the U.S.G.S. Quadrangle Map which identifies the project location. On this map, indicate the location of the project center (if linear, depict both ends) and outline the approximate boundaries of the project area.

Specify latitude/longitude of the project center. **Latitude:** \_\_\_\_\_ ° / \_\_\_\_\_ ' / \_\_\_\_\_ " N

Indicate latitude/longitude in degrees-minutes-seconds format only. **Longitude:** \_\_\_\_\_ ° / \_\_\_\_\_ ' / \_\_\_\_\_ " W

Three steps are needed to convert from decimal degrees to degrees-minutes-seconds: (1) Degrees will be the whole number. (2) To get minutes, multiply the decimal degree portion by 60. (3) Multiply the decimal minute portion by 60 to get seconds.

Example: (Latitude) 40.93748 = **40°**; 0.93748 x 60 = 56.2488' = **56'**; 0.2488 x 60 = 14.928 = **15"** = **40°56'15" N**

(Longitude) 75.94740 = **75°**; 0.94740 x 60 = 56.844' = **56'**; 0.844 x 60 = 50.64 = **51"** = **75°56'51" W**

**FOR PFBC USE ONLY**

SIR#	Quad Name	Data Source	Search Result-Potential Species Conflict	Action



THE Louis Berger Group, INC.

1001 Elm Street, Suite 203, Manchester, NH 03101  
Telephone: 603-644-5200 Fax: 603-644-5220

October 1, 2010

Pennsylvania Fish and Boat Commission  
Natural Diversity Section  
450 Robinson Lane  
Bellefonte, Pennsylvania 16823

Re: Otter Creek-Conastone 230 kV Transmission Line  
Request for Project Review for Pennsylvania Natural Diversity Inventory  
Large Project

We request, on behalf of PPL Electric Utilities, that your agency provide a Pennsylvania Natural Diversity Inventory (PNDI) review and Species Impact Review (SIR) for current state and federal listed rare, threatened, and endangered species and habitats that are known to occur, or that could potentially occur, in the vicinity of the Study Area for the proposed Otter Creek-Conastone 230 kV Transmission Line (Project).

PPL Electric Utilities has determined that the existing, single-circuit Otter Creek-Conastone 230 kV transmission line segment between the Otter Creek Substation located in Chanceford Township and the Pennsylvania-Maryland border in Hopewell Township, should be replaced with a new double-circuit 230 kV line and structures. This segment of line is approximately 12 miles long and is being replaced/supplemented as part of the PPL Electric Utilities Asset Optimization Strategy (AOS) program.

PPL EU intends to submit a Letter of Notification (LON) to the Pennsylvania Utility Commission (PUC) in order to rebuild this transmission line in its current location. This rebuild will entail new transmission structures and conduit on existing right-of-way. PPL EU does not anticipate the need for additional right-of-way for this rebuild. In Pennsylvania, the proposed transmission line traverses portions of York County, and is shown on the attached overview map and USGS topographic quad maps. The existing transmission line crosses the following USGS quad maps: Airville, Stewartstown, and Norrisville. Please note that the Otter Creek-Conastone transmission line is the yellow highlighted line on the attached USGS quad maps.

We have attached the completed PNDI and SIR Forms. If you would like a GIS shapefile of the Project on individual USGS quad maps, please let me know and we'll be happy to provide it. Similarly, if you are able to provide the locations of any records you find during your PNDI search on a shapefile for us, we would appreciate it.



Please provide the requested information in writing and by email or fax at your earliest convenience to me at [ssutter@louisberger.com](mailto:ssutter@louisberger.com) or 1001 Elm Street, Suite 203, Manchester, NH 03101. If you have any questions please do not hesitate to contact me at this email address, by phone at 781-707-7445, or by fax at 603-644-5220.

Sincerely,

Sue Sutter  
Senior Environmental Scientist  
The Louis Berger Group, Inc.



THE Louis Berger Group, INC.

1001 Elm Street, Suite 203, Manchester, NH 03101  
Telephone: 603-644-5200 Fax: 603-644-5220

October 1, 2010

Pennsylvania Game Commission  
Bureau of Land Management  
2001 Elmerton Avenue  
Harrisburg, Pennsylvania 17110-9797

Re: Otter Creek-Conastone 230 kV Transmission Line  
Request for Project Review for Pennsylvania Natural Diversity Inventory  
Large Project

We request, on behalf of PPL Electric Utilities, that your agency provide a Pennsylvania Natural Diversity Inventory (PNDI) review for current state and federal listed rare, threatened, and endangered species and habitats that are known to occur, or that could potentially occur, in the vicinity of the Study Area for the proposed Otter Creek-Conastone 230 kV Transmission Line (Project).

PPL Electric Utilities has determined that the existing, single-circuit Otter Creek-Conastone 230 kV transmission line segment between the Otter Creek Substation located in Chanceford Township and the Pennsylvania-Maryland border in Hopewell Township, should be replaced with a new double-circuit 230 kV line and structures. This segment of line is approximately 12 miles long and is being replaced/supplemented as part of the PPL Electric Utilities Asset Optimization Strategy (AOS) program.

PPL EU intends to submit a Letter of Notification (LON) to the Pennsylvania Utility Commission (PUC) in order to rebuild this transmission line in its current location. This rebuild will entail new transmission structures and conduit on existing right-of-way. PPL EU does not anticipate the need for additional right-of-way for this rebuild. In Pennsylvania, the proposed transmission line traverses portions of York County, and is shown on the attached overview map and USGS topographic quad maps. The existing transmission line crosses the following USGS quad maps: Airville, Stewartstown, and Norrisville. Please note that the Otter Creek-Conastone transmission line is the yellow highlighted line on the attached USGS quad maps.

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Please provide the requested information in writing and by email or fax at your earliest convenience to me at [ssutter@louisberger.com](mailto:ssutter@louisberger.com) or 1001 Elm Street, Suite 203, Manchester, NH 03101. If you have any questions please do not hesitate to contact me at this email address, by phone at 781-707-7445, or by fax at 603-644-5220.

Sincerely,

Sue Sutter  
Senior Environmental Scientist  
The Louis Berger Group, Inc.



THE Louis Berger Group, INC.

1001 Elm Street, Suite 203, Manchester, NH 03101  
Telephone: 603-644-5200 Fax: 603-644-5220

October 1, 2010

United States Fish and Wildlife Service  
Endangered Species Biologist  
315 South Allen Street, Suite 322  
State College, Pennsylvania 16801

Re: Otter Creek-Conastone 230 kV Transmission Line  
Request for Project Review for Pennsylvania Natural Diversity Inventory  
Large Project

We request, on behalf of PPL Electric Utilities, that your agency provide a Pennsylvania Natural Diversity Inventory (PNDI) review for current federal listed threatened and endangered species and habitats that are known to occur, or that could potentially occur, in the vicinity of the Study Area for the proposed Otter Creek-Conastone 230 kV Transmission Line (Project).

PPL Electric Utilities has determined that the existing, single-circuit Otter Creek-Conastone 230 kV transmission line segment between the Otter Creek Substation located in Chanceford Township and the Pennsylvania-Maryland border in Hopewell Township, should be replaced with a new double-circuit 230 kV line and structures. This segment of line is approximately 12 miles long and is being replaced/supplemented as part of the PPL Electric Utilities Asset Optimization Strategy (AOS) program.

PPL EU intends to submit a Letter of Notification (LON) to the Pennsylvania Utility Commission (PUC) in order to rebuild this transmission line in its current location. This rebuild will entail new transmission structures and conduit on existing right-of-way. PPL EU does not anticipate the need for additional right-of-way for this rebuild. In Pennsylvania, the proposed transmission line traverses portions of York County, and is shown on the attached overview map and USGS topographic quad maps. The existing transmission line crosses the following USGS quad maps: Airville, Stewartstown, and Norrisville. Please note that the Otter Creek-Conastone transmission line is the yellow highlighted line on the attached USGS quad maps.

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Sincerely,

Sue Sutter  
Senior Environmental Scientist  
The Louis Berger Group, Inc.

**John M. Levitski**  
Regional Director  
Tel.: 717-560-2533  
Fax: 717-560-2620  
E-mail: [jmlevitski@pplweb.com](mailto:jmlevitski@pplweb.com)

**PPL Corporation**  
651 Delp Road  
Lancaster, PA 17601-3034  
<http://www.pplweb.com>



October 11, 2010

Eric Bacon, Chairman  
Board of Supervisors  
Chanceford Township  
51 Muddy Creek Forks Road  
Brogue, PA 17309

Dear Mr. Bacon,

PPL Electric Utilities is planning to replace the Otter Creek – Conastone 230 kV transmission line from Brogue, PA to Stewartstown, PA in Chanceford, East Hopewell and Hopewell Townships. The existing transmission line was constructed in the 1930's and our studies have found deterioration of the conductors. Replacement of the line is necessary to improve reliability and reduce maintenance.

The structures and conductors will be replaced from the Otter Creek Substation in Brogue, PA to the Pennsylvania-Maryland state line at Stewartstown, PA. The existing steel lattice towers will be replaced on with single-shaft steel poles.

The existing lattice towers have an average height of approximately 85 feet and the new single-shaft steel poles will have an average height around 145 feet. The existing towers occupy approximately 900 square feet while the new towers will occupy approximately 64 square feet each. It is anticipated that all work will be conducted within existing right-of-way and the acquisition of new right-of-way will not be required. It is anticipated that the construction will begin in summer of 2012 and conclude by spring of 2013.

If you have any questions, or would like to discuss this work in greater detail, please contact Doug Grossman at (610) 774-2540.

Sincerely,

John M. Levitski, Regional Director

Enclosures



Existing lattice transmission tower



Proposed single-shaft steel pole

**John M. Levitski**  
Regional Director  
Tel.: 717-560-2533  
Fax: 717-560-2620  
E-mail: [jmlevitski@pplweb.com](mailto:jmlevitski@pplweb.com)

**PPL Corporation**  
651 Delp Road  
Lancaster, PA 17601-3034  
<http://www.pplweb.com>



October 12, 2010

Dean H. Miller, Chairman  
Board of Supervisors  
East Hopewell Township  
8916 Hickory Road  
Felton, PA 17322

Dear Mr. Miller,

PPL Electric Utilities is planning to replace the Otter Creek – Conastone 230 kV transmission line from Brogue, PA to Stewartstown, PA in Chanceford, East Hopewell and Hopewell Townships. The existing transmission line was constructed in the 1930's and our studies have found deterioration of the conductors. Replacement of the line is necessary to improve reliability and reduce maintenance.

The structures and conductors will be replaced from the Otter Creek Substation in Brogue, PA to the Pennsylvania-Maryland state line at Stewartstown, PA. The existing steel lattice towers will be replaced on with single-shaft steel poles.

The existing lattice towers have an average height of approximately 85 feet and the new single-shaft steel poles will have an average height around 145 feet. The existing towers occupy approximately 900 square feet while the new towers will occupy approximately 64 square feet each. It is anticipated that all work will be conducted within existing right-of-way and the acquisition of new right-of-way will not be required. It is anticipated that the construction will begin in summer of 2012 and conclude by spring of 2013.

If you have any questions, or would like to discuss this work in greater detail, please contact Doug Grossman at (610) 774-2540.

Sincerely,

John M. Levitski, Regional Director

Enclosures



Existing lattice transmission tower



Proposed single-shaft steel pole

**John M. Levitski**  
Regional Director  
Tel.: 717-560-2533  
Fax: 717-560-2620  
E-mail: [jmlevitski@pplweb.com](mailto:jmlevitski@pplweb.com)

**PPL Corporation**  
651 Delp Road  
Lancaster, PA 17601-3034  
<http://www.pplweb.com>



October 13, 2010

David Wisnom, Chairman  
Board of Supervisors  
Hopewell Township  
3336 Bridgeview Road  
P.O. Box 429  
Stewartstown, PA 17363

Dear Mr. Wisnom,

PPL Electric Utilities is planning to replace the Otter Creek – Conastone 230 kV transmission line from Brogue, PA to Stewartstown, PA in Chanceford, East Hopewell and Hopewell Townships. The existing transmission line was constructed in the 1930's and our studies have found deterioration of the conductors. Replacement of the line is necessary to improve reliability and reduce maintenance.

The structures and conductors will be replaced from the Otter Creek Substation in Brogue, PA to the Pennsylvania-Maryland state line at Stewartstown, PA. The existing steel lattice towers will be replaced on with single-shaft steel poles.

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If you have any questions, or would like to discuss this work in greater detail, please contact Doug Grossman at (610) 774-2540.

Sincerely,

John M. Levitski, Regional Director

Enclosure



Existing lattice transmission tower



Proposed single-shaft steel pole