

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, DC 20426
October 14, 2008

OFFICE OF ENERGY PROJECTS

Project Nos. 1175-013 and 1290-011 –
West Virginia
London/Marmet Hydroelectric Project
and Winfield Hydroelectric Project
Appalachian Power Company

Re: Scoping of environmental issues for relicensing the London/Marmet and Winfield Projects

To the Parties Addressed:

The Federal Energy Regulatory Commission (Commission) is reviewing the Pre-Application Documents (PAD) submitted to the Commission by Appalachian Power Company (Appalachian Power) on August 14, 2008 for relicensing the London/Marmet Hydroelectric Project (FERC No. 1175-013) and Winfield Hydroelectric Project (FERC No. 1290-011). Both projects are located on the Kanawha River at the U.S. Army Corps of Engineers' London, Marmet, and Winfield Locks and Dam. The London Development is located in Fayette and Kanawha Counties, near Handley, West Virginia while the Marmet Development is in Kanawha County, in Marmet, West Virginia. The Winfield Project is located in Kanawha and Putnam Counties, in Winfield, West Virginia. Appalachian Power will use the Commission's Integrated Licensing Process (ILP) to relicense the projects. Under the ILP, Appalachian Power must file their preliminary licensing proposals or draft license applications for the continued operation of the projects by September 3, 2011. The final license applications must be filed with the Commission on or before January 31, 2012. The current licenses for the projects expire on January 31, 2014.

Pursuant to the National Environmental Policy Act of 1969, as amended, the Commission staff intends to prepare an environmental assessment (EA) on the projects. The EA would be used by the Commission to determine whether, and under what conditions, to issue new licenses. To support and assist our environmental review, we are conducting scoping to ensure that all pertinent issues are identified and analyzed and that the EA is thorough and balanced.

We invite your participation in the scoping process and are circulating the enclosed Scoping Document to provide you with information on the projects and to

solicit comments and suggestions on our preliminary list of issues and alternatives to be addressed in the EA. Please review this scoping document and, if you wish to provide comments, follow the instructions included in section 5.0 *Request for Information and Studies*. The deadline for filing comments is December 12, 2008.

As part of our scoping process and in an effort to identify issues, concerns, and opportunities associated with the proposed action, we will hold two scoping meetings on November 12, 2008, to receive input on the scope of the EA. A daytime meeting, focusing on input from resource agencies, Indian tribes, and non-governmental organizations (NGO's), will begin at 2 p.m. An evening meeting, primarily for the public, will start at 7 p.m. Both meetings will be held at the Country Inn & Suites By Carlson, 105 Alex Lane, Charleston, West Virginia 25304. The public, agencies, Indian tribes, and NGOs may attend either or both meetings. We will also visit the projects on the same day, Wednesday, November 12, 2008, from 8 a.m. to 12 noon. Anyone interested in attending the site visit should contact Teresa Rogers of Appalachian Power, at (540) 985-2441, or by e-mail at tprogers@aep.com on or before November 5, 2008. More information about the scoping meetings and site visit is available in the scoping document.

The scoping document is being distributed to both the licensee's distribution list and the Commission's official mailing list (see section 9.0). If you wish to be added to or removed from the Commission's official mailing list, please send your request by mail to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Room 1A, Washington, DC 20426. All written, electronic filings, or e-mailed requests must specify your wish to be removed or added to the mailing list and must clearly identify the following on the first page: London/Marmet Project No. 1175-013 and Winfield Project No. 1290-011. For assistance with electronic filing or e-mail notification registration, please refer to the instructions in section 5.0 of the scoping document.

Please direct any questions about the London/Marmet and Winfield Hydroelectric projects relicensing to Kim Carter at (202) 502-6486, or Kim.Carter@ferc.gov.

Enclosure: Scoping Document

cc: Mailing List
Public Files

**SCOPING DOCUMENT
LONDON/MARMET HYDROELECTRIC PROJECT
WINFIELD HYDROELECTRIC PROJECT**

WEST VIRGINIA

PROJECT NOS. 1175-013 AND 1290-011

Federal Energy Regulatory Commission
Office of Energy Projects
Division of Hydropower Licensing
Washington, DC

October 2008

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1.0 INTRODUCTION

The Federal Energy Regulatory Commission (Commission or FERC), under the authority of the Federal Power Act (FPA),¹ may issue licenses for up to 50 years for the construction, operation, and maintenance of non-federal hydroelectric projects. On August 14, 2008, Appalachian Power Company (Appalachian Power), using the Integrated Licensing Process (ILP), filed a Notice of Intent (NOI) to seek new licenses² and Pre-Application Documents (PAD) for the 28.8-megawatt (MW) London/Marmet Project (FERC Project No. 1175-013) and the 14.76-MW Winfield Project (FERC Project No. 1290-011). Both projects are located on the Kanawha River at the U.S. Army Corps of Engineers' (Corps) London, Marmet, and Winfield Locks and Dam. The London Development is located in Fayette and Kanawha Counties, near Handley, West Virginia while the Marmet Development is in Kanawha County, in Marmet, West Virginia. The Winfield Project is located in Kanawha and Putnam Counties, in Winfield, West Virginia. Appalachian Power intends to file its applications for new licenses for the projects with the Commission on or before January 31, 2012. The projects are situated on federal lands.

The National Environmental Policy Act (NEPA) of 1969,³ the Commission's regulations, and other applicable laws require that we independently evaluate the environmental effects of licensing the projects as proposed, as well as consider reasonable alternatives to the proposed action. Based on our review of the PAD and preliminary analysis of the issues, we propose to prepare an Environmental Assessment (EA) that describes and evaluates the probable effects, including an assessment of the site-specific and cumulative effects, if any, of the proposed action and alternatives considered. This scoping process will help us to identify the pertinent issues that we will need to analyze in the EA.

¹ 16 U.S.C. §§ 791(a)-825(r) (2000).

² The current license for the London/Marmet Project was issued on September 23, 1983 (24 FERC ¶62,351 (1983)), for a term of 30 years with an effective date of January 16, 1984; the license expires on January 31, 2014. The current license for the Winfield Project was issued on September 26, 1983 (24 FERC ¶62,357 (1983)), for a term of 30 years with an effective date of January 16, 1984; and also expires on January 31, 2014.

³ 42 U.S.C. §§ 4321-70(f) (2000).

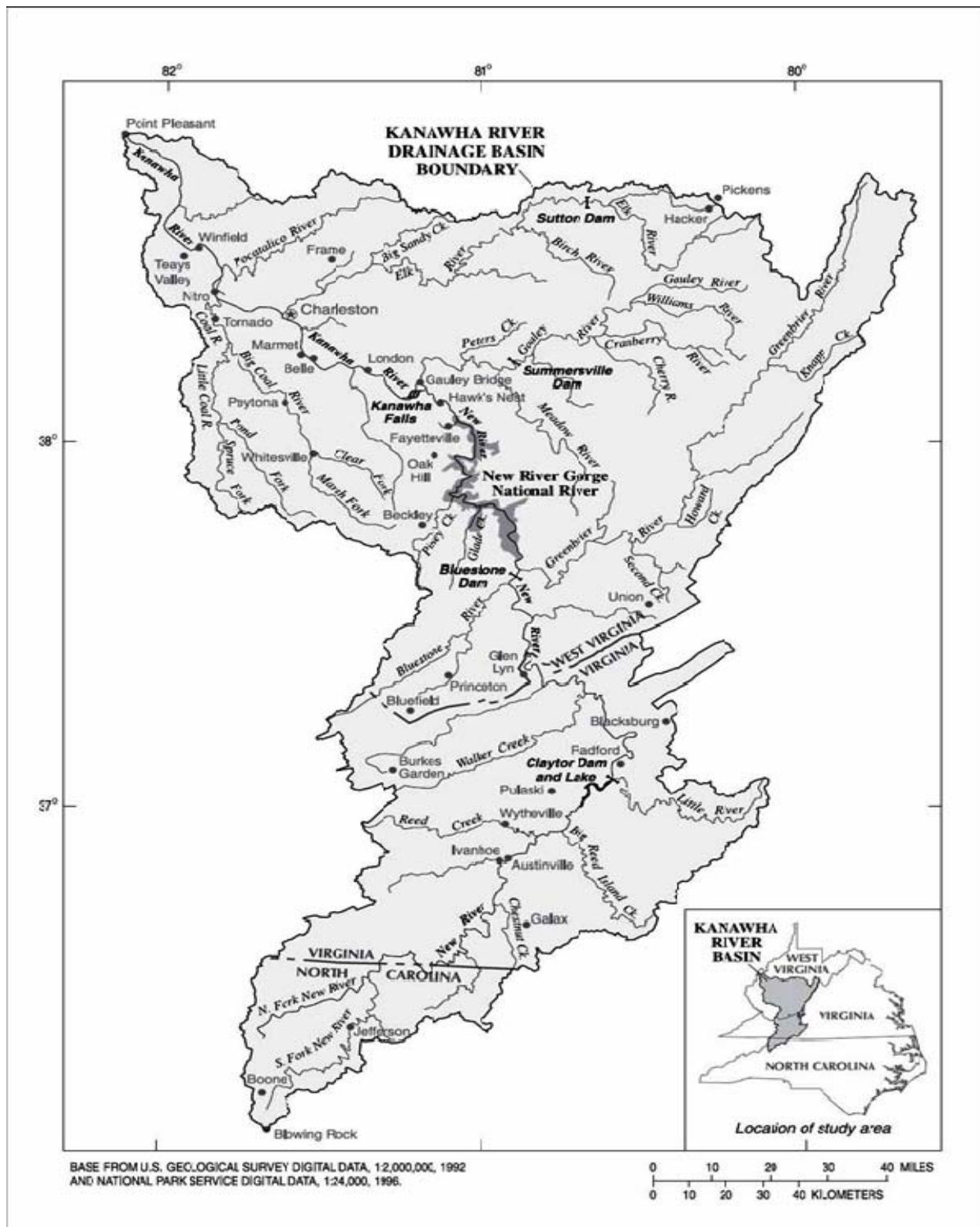


Figure 1. General Vicinity Map of London/Marmet and Winfield Projects (Source: Appalachian Power, 2008, as modified by staff).

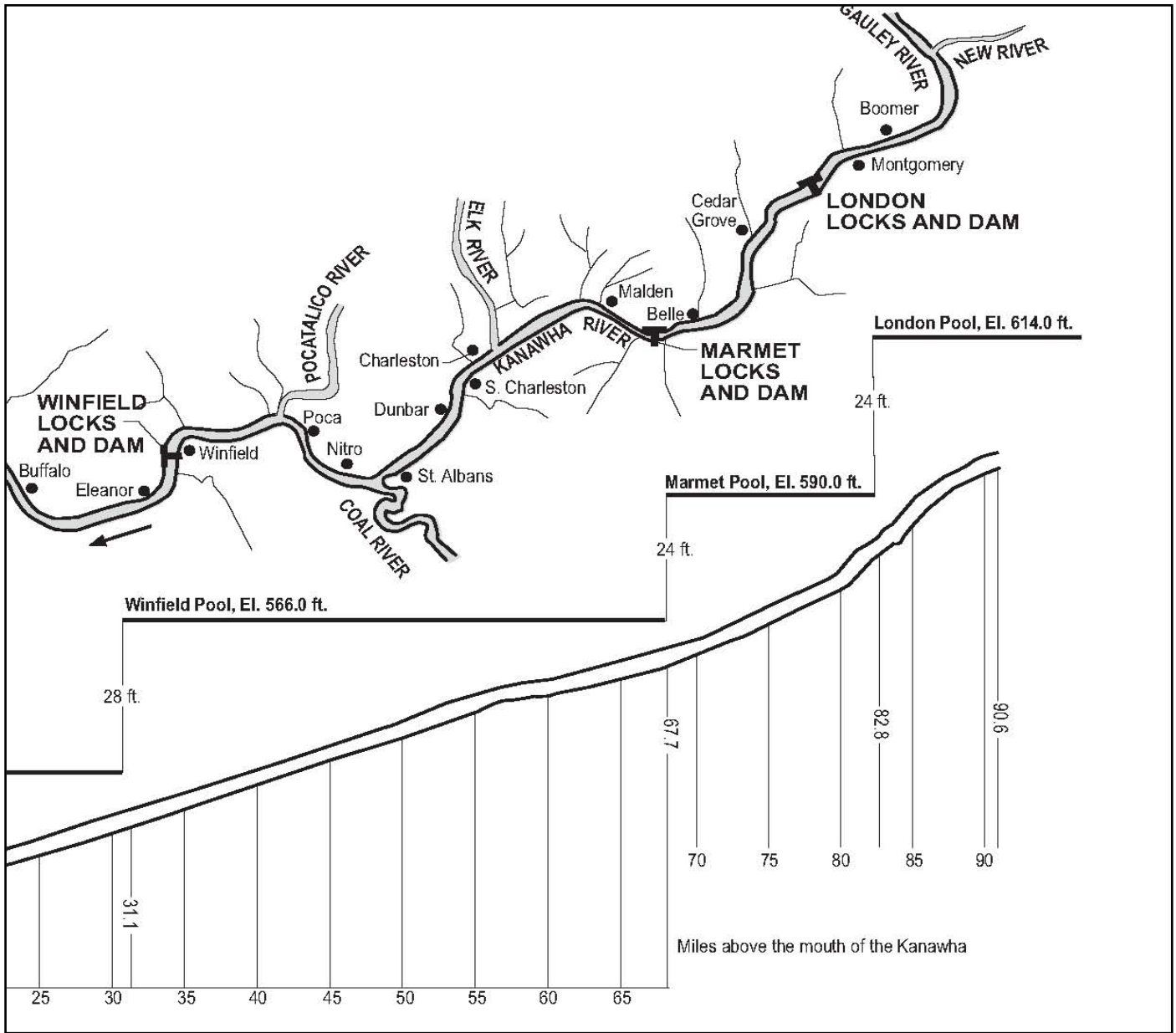


Figure 2. General Project Location and Kanawha River Profile (Source: Appalachian Power, 2008, as modified by staff).

2.0 SCOPING

This scoping document is intended to advise all participants about the proposed scope of the EA and to seek additional information pertinent to this analysis. This document contains a brief description of: (1) the scoping process and schedule for developing the EA; (2) a description of the proposed action and alternatives; (3) a preliminary identification of environmental issues and proposed studies; (4) a request for comments and information; (5) a proposed EA outline; and (6) a preliminary list of comprehensive plans that are applicable to the projects.

2.1 Purposes of Scoping

Scoping is the process used to identify issues, concerns, and opportunities associated with a proposed action. The process, according to NEPA, should be conducted early in the planning stage of a project.

The purposes of the scoping process are as follows:

- invite participation of federal, state, and local resource agencies, Indian tribes, non-governmental organizations (NGOs), and other interested persons to help us identify significant environmental and socioeconomic issues related to the proposed action;
- determine the resource areas, depth of analysis, and significance of issues to be addressed in the EA;
- identify how the project would or would not contribute to cumulative impacts in the project area;
- identify reasonable alternatives to the proposed action that should be evaluated in the EA;
- solicit from participants available information on the resources at issue; and
- determine the resource areas and potential issues that do not require detailed analysis during review of the project.

2.2 Comments and Scoping Meetings

Between now and the Commission's licensing decision, there will be three opportunities for the public and resource agencies to comment on the scope and contents of the EA:

- during the public scoping process and study plan meetings, prior to preparation of the EA, so Commission staff can receive written comments regarding scope and content;
- in response to the Commission's ready for environmental analysis notice; and
- after issuance of the EA, so that staff can receive written comments on the EA.

In addition to written comments solicited by this scoping document, Commission staff will hold two public scoping meetings in the vicinity of the projects. A daytime meeting will focus on resource agency concerns and an evening meeting will focus on receiving input from the public. We invite all interested agencies, Indian tribes, NGOs, and individuals to attend one or both of the meetings to assist staff in identifying environmental issues that should be analyzed in the EA. The times and locations of the meetings are listed below.

Daytime Scoping Meeting

Date: Wednesday, November 12, 2008
Time: 2:00 p.m. to 4:00 p.m. (EST)
Location: Country Inn & Suites By Carlson
105 Alex Lane
Charleston, WV 25304
Phone: (304) 925-4300

Evening Scoping Meeting

Date: Wednesday, November 12, 2008
Time: 7:00 p.m. to 9:00 p.m. (EST)
Location: Country Inn & Suites By Carlson
105 Alex Lane
Charleston, WV 25304
Phone: (304) 925-4300

The licensee and Commission staff will conduct a site visit of the projects on Wednesday, November 12, 2008. All participants should meet at the parking lot of the Winfield powerhouse by 8 a.m. From there, we will continue on to the Marmet and London powerhouses, concluding site visits by noon. All participants are responsible for their own transportation to the powerhouse sites. Anyone with questions about the site visit should contact Teresa Rogers of Appalachian Power Company at (540) 985-2441 or by e-mail at tprogers@aep.com on or before November 5, 2008.

Site Visit

Date: Wednesday, November 12, 2008
Time: 8:00 a.m. to 12:00 p.m. (EST)
Location: Winfield at 3732 Winfield Road, Winfield, WV 25213
Phone: (304) 348-4644

The scoping meetings will be recorded by a court reporter, and both written and verbal statements will become part of the Commission's public record for the projects. Individuals presenting statements at the meetings will be asked to clearly identify themselves for the record. Interested parties who choose not to speak or who are unable to attend any of the scoping meetings may provide written comments and information to the Commission as described in section 5.0 of this scoping document. These meetings will be posted on the Commission's calendar, located on the internet at <http://www.ferc.gov/EventCalendar/EventsList.aspx>, along with other related information.

Meeting participants are encouraged to come to the scoping meetings prepared to discuss their issues and/or concerns as they pertain to relicensing the London/Marmet and Winfield projects. To prepare for the scoping meetings, we ask that participants please review the PAD. A copy of the PAD is available for review at the Commission in the Public Reference Room or may be viewed on the Commission's website (<http://www.ferc.gov>), using the "eLibrary" link. Enter docket numbers, P-1175 and P-1290, to access the document. For assistance, contact FERC Online Support at FERCOnlineSupport@FERC.gov or call toll free at 1-866-208-3676, or for TTY, (202) 502-8659.

Following the scoping meetings and comment period, all issues raised will be reviewed and decisions will be made about the level of analysis needed. If our preliminary analysis shows that any issues presented in this scoping document have little potential for causing significant effects, the issue(s) will be identified and the reasons for not providing a more detailed analysis will be noted in the EA.

If we receive no substantive comments on this scoping document, then we will not prepare a Scoping Document 2 (SD2). If we issue an SD2, it will be for informational

use only and will not require a response from any participant in the process. The EA will address the major issues identified during the scoping process.

3.0 PROPOSED ACTION AND ALTERNATIVES

In accordance with NEPA, our environmental analysis will consider the following alternatives, at a minimum: (1) the licensee's proposed action; (2) alternatives to the proposed action; and (3) no-action.

3.1 Appalachian Power's Proposed Action

Appalachian Power is seeking new licenses for the continued operation and maintenance of the London/Marmet and Winfield Hydroelectric projects. The Commission will consider whether, and under what conditions, to issue new licenses for the projects.

3.1.1 Description of Existing and Proposed Project Facilities

The London/Marmet and Winfield projects are located at the Corps dams and locks on the Kanawha River. The projects reservoirs, locks, and dams are not part of the hydroelectric projects and are not included in the projects boundaries. Each development consists of a forebay and log booms, powerhouse, tailrace, switchyard, recreational facilities, and transmission lines.

The London/Marmet Project consists of two developments. The London Development is located at river mile (RM) 82.8 near Handley, West Virginia, in Fayette and Kanawha counties. The London Development consists of: (1) a powerhouse; (2) an intake system containing motorized headgates; (3) trash racks; (4) a floating log boom; (5) one fixed-blade propeller unit and two adjustable-blade Kaplan units with an installed capacity of 14.4 MW; and (6) appurtenant facilities. The development generates about 84,048 megawatt-hours (MWh) annually.

The Marmet Development is located at RM 67.7 in Marmet, West Virginia, in Kanawha County. The Marmet Development consists of: (1) a powerhouse; (2) an intake system containing motorized headgates; (3) trash racks; (4) a floating log boom; (5) one fixed-blade propeller unit and two adjustable-blade Kaplan units with an installed capacity of 14.4 MW; and (6) appurtenant facilities. The development generates about 82,302 MWh annually.⁴

⁴ The project has a total installed capacity of 28.8 MW and generates about 166,350 MWh annually.

The Winfield Project consists of one development, located at RM 31.1 on the Kanawha River in Winfield, West Virginia, in Kanawha and Putnam counties. The Winfield Development consists of: (1) a powerhouse; (2) an intake system containing motorized headgates; (3) trash racks; (4) a floating log boom; (5) three adjustable-blade Kaplan units with an installed capacity of 14.76 MW; and (6) appurtenant facilities. The project generates about 114,090 MWh annually.

3.1.2 Existing and Proposed Project Operation

The London/Marmet and Winfield projects rely on the Corps operation of the locks at each dam. Appalachian Power maintains frequent contact with the Corps lockmasters to ensure coordination of hydropower generation and lock operations. From time to time, the Corps may request Appalachian plant operators maintain certain water elevations as required for special navigation purposes. Each development has a total hydraulic capacity of 10,000 cubic feet per second (cfs). When stream flow is less than 10,000 cfs, Appalachian controls the reservoirs elevations, within the allowable limits for navigation. And when stream flow is greater than 10,000 cfs, the Corps' dam operator assumes control of pool elevations. Releases from each development are routed back to the Kanawha River via each tailrace.

The London Development operates as a peaking development. The maximum allowable drawdown in the London pool is: 3.0 feet (from normal full pond elevation 614.00 mean seal level (msl) to 611.00 feet msl) between June 16 and February 29; 2.0 feet (from 614.00 to 612.00 feet msl) from May 1 through June 15; and 1.5 feet (from 614.00 to 612.50 feet msl) between March 1 through April 30, with a maximum drawdown rate of 0.5 feet per hour. These various drawdown fluctuations are implemented to help protect and enhance the spawning habitat of several fish species.

The Marmet Development begins operations a few minutes prior to the start of peaking of the London Development because of the Marmet developments limited storage capability (of the Corps' impoundment). The maximum allowable drawdown is 0.3 feet (from normal full pond elevation 590.0 feet msl to 589.7 feet msl) at a rate of 0.5 feet per hour.

The Winfield Development begins operations about one hour after the drawdown at the London Development begins and continues for about an hour after the London Development reduces its load to refill the London pool. The maximum allowable drawdown is 0.2 feet (from normal full pond elevation 566.0 feet msl to 565.8 feet msl) at a rate of 0.5 feet per hour.

3.1.3 Proposed Studies

The following are Appalachian Power’s list of potential studies that it deems necessary to help determine the environmental effects associated with relicensing the London/Marmet and Winfield projects. Additional studies may be needed based on comments provided by the Commission, federal and state resource agencies, interested participants, and Indian tribes.

Appalachian Power has not identified any issues relating to geological or soil resources, or aesthetic resources. Therefore, no studies are proposed for these resource areas.

The potential studies identified by Appalachian Power are organized by resource area as listed below.

Resource Area	Study Plan
1. Project Operation	<i>Drawdown</i> —Develop an operation efficiency report for the London Development to determine whether to propose to retain the current 3-foot drawdown condition. If the report shows that a 3-foot drawdown is warranted, a study of the impacts on wildlife, riparian vegetation, and stream bank stability will be performed.
2. Recreation	<i>Recreation Needs Assessment</i> —Currently periodic user counts of the fishing access facilities of each development are being performed. No further recreational needs study is proposed.
3. Water Resources	<i>Dissolved Oxygen</i> —Conduct a study on the impact of each development on dissolved oxygen.
4. Fish and Aquatic Resources	<i>Fish Entrainment and Mortality</i> — Conduct a desktop study of fish entrainment and mortality. Methods will be discussed prior to preparing a study plan.
5. Cultural Resources	<i>Historic Properties Management Plan (HPMP)</i> —Consult with West Virginia SHPO and prepare a HPMP for both Projects. The HPMP will describe the procedures Appalachian would follow prior to undertaking any project-related action that could affect historic properties, and measures for ensuring that any project related adverse effects are appropriately mitigated.

3.2 Staff's Modification of the Proposed Action

We will consider various alternatives, including environmental measures not proposed by Appalachian Power. We will consider and assess all alternative recommendations for operational or facility modifications, as well as protection, mitigation, and enhancement measures identified by us (the Commission staff), the

agencies, Indian tribes, NGOs, and the general public. To the extent that modifications would reduce power production from the project, we will evaluate the costs of providing an equivalent amount of alternative power generation, and the contributions of such generation to airborne pollution.

3.3 No Action Alternative

Under no-action, the London/Marmet and Winfield projects would continue to operate as required by the current project licenses (i.e., there would be no change to the existing environment). No new environmental protection, mitigation, or enhancement measures would be implemented. We use this alternative to establish baseline environmental conditions for comparison with other alternatives.

3.4 Alternatives Considered but Eliminated from Detailed Study

At present, we propose to eliminate the following alternatives from detailed and comprehensive analyses in the EA.

3.4.1 Federal Government Takeover

In accordance with the Commission's regulations,⁵ a federal department or agency may file a recommendation that the United States exercise its right to take over a hydroelectric power project with a license that is subject to sections 14 and 15 of the FPA.⁶ We do not, in this case, consider federal takeover to be a reasonable alternative. Federal takeover of the projects would require congressional approval. While that fact alone would not preclude further consideration of this alternative, there is currently no evidence showing that federal takeover should be recommended to Congress. This alternative has not been raised as a reasonable or appropriate alternative, nor has any federal agency expressed an interest in operating the projects.

3.4.2 Nonpower License

A non-power license is a temporary license which the Commission would terminate whenever it determines that another governmental agency will assume regulatory authority and supervision over the facilities covered by the non-power license. Hence, issuing a non-power license for the projects would not provide a long-term solution to the issues presented. To date, no party has sought a non-power license, and we have no basis for concluding that the projects should no longer be used to produce

⁵ 18 CFR § 16.14 (2007).

⁶ 16 U.S.C. §§ 14 and 15 (2000).

power. Thus, we do not consider a non-power license to be a reasonable alternative to some form of new licenses with enhancement measures.

3.4.3 Retiring the Project

Dam removal is considered unreasonable because the dams belong to the Corps and serve other important purposes such as flood control for barge navigation. Thus, dam removal is not a reasonable alternative to relicensing the projects with appropriate protection, mitigation and enhancement measures.

The project retirement alternative would involve disabling or removing equipment used to generate power. Project works would remain in place and could be used for historic or other purposes. This would require us to identify another government agency with authority to assume regulatory control and supervision of the remaining facilities. No agency has stepped forward, and no participant has advocated this alternative. Nor have we any basis for recommending it. Because the power supplied by the projects is needed, a source of replacement power would have to be identified. In these circumstances, we don't consider removal of the electric generating equipment to be a reasonable alternative.

4.0 SCOPE OF CUMULATIVE ANALYSIS AND RESOURCE ISSUES

4.1 Cumulative Effects

According to the Council on Environmental Quality's regulations for implementing NEPA (40 CFR Section 1508.7), a cumulative effect is an impact on the environment resulting from the incremental impacts of the action when added to other past, present and reasonably foreseeable future actions, regardless of what agency or person undertakes such other actions. Cumulative effects can result from individually minor but collectively significant actions taking place over a period of time, including hydropower and other land and water development activities.

4.1.1 Resources That Could Be Cumulatively Affected Effectuated

We have reviewed the information provided in the PAD developed for the London/Marmet and Winfield projects. Based on our preliminary analysis of the PAD, we have identified water and fishery resources as resources that could be cumulatively affected by the proposed relicensing of the London/Marmet and Winfield projects.

4.1.2 Geographic Scope

The geographic scope of the analysis defines the physical limits or boundaries of the proposed action's effect on the resources. Because the proposed action would affect the resources differently, the geographic scope for each resource may vary.

The geographic scope for water resources would be the Kanawha River from the project boundary of the London/Marmet Project, downstream to stream reaches affected by operational flow releases associated with the Winfield Project. This boundary was selected because of the direct interaction between the London/Marmet and Winfield projects, and because of the indirect association with other water users (e.g., the Corps Locks and Dams, navigation uses, consumptive uses, and discharges into the Kanawha River) in the area.

For fishery resources we chose the Kanawha River from the upstream end of the London Development boundary, and extending downstream to river reaches affected by releases from waters below the Winfield Development. We chose the above geographic boundary because the presence and operation of the London/Marmet and Winfield projects could affect the movements of fish and fish populations in the Kanawha River.

4.1.3 Temporal Scope

The temporal scope of the cumulative effects analysis in the EA will include a discussion of past, present, and future actions and their respective effects on each resource that could be cumulatively affected. Based on the potential term of any new licenses issued for the projects, the temporal scope will look 30-50 years into the future, concentrating on the effect on the resources from reasonably foreseeable future actions. The historical discussion will be limited, by necessity, to the amount of available information for each resource.

4.2 Resource Issues

In this section, we present the preliminary list of environmental issues and concerns to be addressed in the EA. This list is not intended to be exhaustive or final, but is an initial listing of issues we have identified to date associated with relicensing the projects. We may modify or add to the list of issues based on comments received during scoping. After scoping is completed, we will review this list and determine the appropriate level of analysis needed to address each issue in the EA. For convenience, the issues have been listed by resource area. Those issues identified by an asterisk (*) will be analyzed for both cumulative and site-specific effects.

4.2.1 Water Resources

- Effects of the proposed project operation on water quality and quantity.*

4.2.2 Aquatic Resources

- Effects of current project operation (which is the proposed operation) on shoreline-spawning fish species and on littoral habitat at the London Development.
- Effects of current project operation on fish movement and passage survival at all three developments.*

4.2.3 Terrestrial Resources

- Effects of continued operation and maintenance of project, including transmission lines, on wetland, riparian, and littoral habitats and associated wildlife within the projects boundary.

4.2.4 Rare, Threatened and Endangered Species

- Effects of continued project operation and maintenance, including transmission lines, on potentially occurring federally listed endangered species, including the running buffalo clover, pink mucket pearl mussel, northern riffleshell mussel, fanshell mussel, tubercled blossom pearl mussel, Indiana Bat, and Virginia Big-Eared Bat, as well as other species of concern (e.g., spectacle mussel and the Osprey).

4.2.5 Recreation and Land Use

- Adequacy of existing public access, including the angler access facility at the London development, and recreational facilities in the project boundary to meet current and future recreational demand.
- Effect of continued project operation on fishing opportunities within the projects area.

4.2.6 Cultural Resources

- Effects of the proposed action and alternatives on properties that are included in or eligible for inclusion in the National Register of Historic Places.

5.0 REQUEST FOR INFORMATION AND STUDIES

We are asking federal, state, and local resource agencies, Indian tribes, NGOs, and other entities and individuals to forward to the Commission any information that will assist us in conducting an accurate and thorough analysis of the site-specific and cumulative effects of relicensing the London/Marmet and Winfield projects. The types of requested information that we seek include, but are not limited to:

- information, quantified data, or professional opinion that may contribute to defining the geographic scope of the analysis, including the analysis of cumulative effects, and identifying significant environmental issues;
- identification of, and information from, any other environmental document or similar study (previous, ongoing, or planned) relevant to the proposed licensing of the projects;
- existing information and any data that would help to describe the past, present, and future actions and the effects of the projects and other developmental activities on environmental and socioeconomic resources;
- information that would help characterize the existing environmental conditions and habitats;
- identification of any federal, state, or local agency or Indian tribe resource plans and future project proposals in the affected resource area, such as proposals to construct or operate water treatment facilities, recreation areas, water diversions, timber harvest activities, or fish management programs;
- documentation of any cumulative effects associated with basin-wide activities, including any such effects to resources that may be attributed to relicensing the London/Marmet and Winfield projects; and
- documentation showing why any resources should be excluded from further consideration.

The requested information and study requests should be submitted in writing to the Commission no later than December 12, 2008. All filings must clearly identify the following on the first page: London/Marmet Project (P-1175-013) and Winfield Project (P-1290-011). Address all communications to:

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E., Room 1A
Washington, DC 20426

All filings sent to the Secretary of the Commission should contain an original and eight copies. Failure to file an original and eight copies may result in appropriate staff not receiving the benefit of your comments in a timely manner. The Commission strongly encourages electronic filings. *See* 18 CFR 385.2001(a)(1)(iii) and the instructions on the Commission's website (<http://www.ferc.gov>) under the "efiling" link.

Register online at <http://www.ferc.gov/docs-filing/esubscription.asp> to be notified via e-mail of new filings and issuances related to this or other pending projects.

For assistance with electronic filing or e-mail notification registration, please contact FERC Online Support at FERCOnlineSupport@ferc.gov or toll-free at 1-(866) 208-3676, or for TTY, (202) 502-8659. Any questions concerning scoping or preparation of the EA for this proposed action should be directed to Kim Carter at (202) 502-6486, or by email at Kim.Carter@ferc.gov.

6.0 EA PREPARATION SCHEDULE

At this time, we anticipate the need to prepare a "single EA" (we show our outline for the EA in section 7.0 below) for the projects. The EA will be sent to all persons and entities on the Commission's service and mailing lists for the London/Marmet (P-1175-013) and Winfield (P-1290-011) projects. The EA will include our recommendations for operating procedures and environmental protection, mitigation and enhancement measures that should be part of any licenses issued by the Commission. Recipients will have 30 days to provide the Commission with written comments on the EA. All comments filed with the Commission on the EA will be considered, and as appropriate, incorporated into any Commission order rendering a decision on whether to relicense the projects.⁷

⁷ Should substantive comments requiring reanalysis be received on the EA, we would consider preparing a subsequent EA.

Appendix A contains the Process Plan and schedule for pre-application activity. Our preliminary schedule for processing the license applications is as follows:

ACTION	TARGET DATE
Scoping Meetings	November 2008
License Application Filed	January 2012
Issue Ready for Environmental Analysis Notice	March 2011
Deadline for Filing Agency Recommendations	May 2012
EA Issued	November 2012
Deadline for Filing Comments on the EA	December 2012

7.0 EA OUTLINE

The preliminary outline for the London/Marmet and Winfield Hydroelectric projects EA is as follows:

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8.0 LIST OF COMPREHENSIVE PLANS

Section 10(a)(2) of the FPA requires us to consider whether or not, and under what conditions, relicensing the projects would be consistent with relevant comprehensive

plans on the Commission's Comprehensive Plan List. Those plans currently listed on the Commission's Comprehensive Plan List which we consider to be relevant to these projects are listed below. We ask agencies to review this list and to inform us of any changes (additions/subtractions) that are needed. If there are plans that should be added to the list, agencies should file the plans according to 18 CFR 2.19.

West Virginia

West Virginia Department of Natural Resources. 1976. Wildlife Resources Division strategic plan, 1975 - 1985. Charleston, West Virginia. 122 pp.

West Virginia Department of Natural Resources. 1977. Today's plan for tomorrow's wildlife: a strategic plan for fish, game, and nongame management, 1975 - 1985. Charleston, West Virginia. 59 pp.

West Virginia Department of Natural Resources. Soil Conservation Service of the Department of Agriculture. 1985. Lower Kanawha River Basin, Volume III: problems, concerns, alternative solutions, and a suggested plan. Charleston, West Virginia. 158 pp.

West Virginia Governor's Office of Community and Industrial Development. 1989. West Virginia State Comprehensive Outdoor Recreation Plan (SCORP), 1988-1992. Charleston, West Virginia.

United States

National Park Service. 1982. The nationwide rivers inventory. Department of the Interior, Washington, DC. January 1982.

U.S. Fish and Wildlife Service. Undated. Fisheries USA: the recreational fisheries policy of the U.S. Fish and Wildlife Service. Washington, DC.

9.0 MAILING LIST

The list below is the Commission's official mailing list for the London/Marmet and Winfield projects. If you want to receive future mailings for the London/Marmet and Winfield projects and are not included in the list below, please send your request by email to efiling@ferc.gov or by mail to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Room 1A, Washington, DC 20426. All written and emailed requests to be added to the mailing list must clearly identify the following on the first page: London/Marmet Project (P-1175-013) and Winfield Project (P-1290-011). You may use the same method if requesting removal from the mailing list shown below.

<p>State of West Virginia Brooks Natural Center Director Oglebay Institute Oglebay Park Wheeling, WV 25305</p>	<p>Pennsylvania Department of Environmental Protection Thomas L. Denslinger PO Box 8555 Harrisburg, PA 17105-8555</p>
<p>U.S. Fish and Wildlife Service Secretary 300 Westgate Center Dr Hadley, MA 01035-9587</p>	<p>U.S. Fish and Wildlife Service Field Supervisor Jeffrey K. Towner 694 Beverly Pike Elkins, WV 26241-9475</p>
<p>Intergovernmental Review Fred Cutlip Community And Industrial Development Building 6, Room 553.,S.Capitol Complex Charleston, WV 25305</p>	<p>West Virginia Division of Natural Resources Wildlife Resource Section - Hydro Coord. Kerry Bledsoe 1110 Railroad Street Farmington, WV 26554-1345</p>
<p>Federal Energy Regulatory Commission New York Regional Office 19 W 34th St Rm 400 New York, NY 10001-3006</p>	<p>US Army Corps of Engineers Commander North Atlantic Division -- CENAD-ET-P 26 Federal Plz # 2109 Brooklyn, NY 10278</p>
<p>US Bureau of Land Management Eastern States – Milwaukee Office Lands, Watershed & Minerals Regional Director 626 E Wisconsin Ave. Suite 200 Milwaukee, WI 53201-0631</p>	<p>Wisconsin Valley Improvement Company Supervisor David M. Coon 2301 3rd St Wausau, WI 54403-3202</p>
<p>US Army Corps of Engineers Divisional Office Regulatory Branch PO Box 1159 550 Main Street Cincinnati, OH 45201</p>	<p>West Virginia Dept. of Agriculture Director State Capitol Building Charleston, WV 25305</p>
<p>U.S COAST GUARD MSO PITTSBURGH 1150 Kossman Bldg. 100 Forbes Ave. Pittsburgh, PA 15222-1371</p>	<p>State of West Virginia Geological & Economic Survey Director State of West Virginia 1 Mont Chateau Rd</p>

	Morgantown, WV 26508-8079
U.S. Fish and Wildlife Service U.S. Department of the Interior 315 S Allen St., Ste. 322 State College, PA 16801-4851	West Virginia Press Services, Inc. 3422 Pennsylvania Ave Charleston, WV 25302-4633
Environmental Protection Agency Section Chief Region III 1650 Arch St Philadelphia, PA 19103-2029	West Virginia Public Service Commission General Counsel -Richard E Hitt, ESQ PO Box 812 Charleston, WV 25323
U.S. National Park Service U.S. Department of the Interior 15 State St Boston, MA 02109-3502	US Department of Interior National Park Service Cynthia Wilkerson Northeast Region – US Custom House 200 Chestnut St Philadelphia, PA 19106
Pennsylvania Fish & Boat Commission 450 Robinson Ln Bellefonte, PA 16823-8133	US Bureau of Indian Affairs Hydropower Program Manager Bob Dach Natural Resources 911 NE 11th Avenue Portland, OR 97232
United States Senate Honorable Robert C Byrd Washington, DC 20510	US Bureau of Indian Affairs Solicitor's Office 1849 C Street, NW Washington, DC 20240
U.S. Department of Interior CUSTOM HOUSE, Room 244 200 Chestnut St Philadelphia, PA 19106-2912	Kanawha Valley Power Company John B. Shinnock c/o American Electric Power Service Corp. 1 Riverside Plz Columbus, OH 43215-2355
United States Senate Senator J. D. Rockefeller, IV 531 Hart Senate Office Bldg Washington, DC 20510	American Electric Power Service Corp V. President Bill Vineyard 1 Riverside Plz Columbus, OH 43215
House of Representatives Honorable Alan B. Mollahan Washington, DC 20515	Susquehanna River Basin Commission 1721 N Front St. Harrisburg, PA 17102-2315

<p>West Virginia Public Service Commission Advocate Division Billy Jack Gregg E. 7TH FL. Union Bldg. 723 Kanawha Blvd. ANAWAHA BLVD,E Charleston, WV 25301</p>	<p>West Virginia Public Service Commission General Counsel Richard E. Hitt, ESQ PO Box 812 Charleston, WV 25323</p>
<p>House of Representatives Honorable Robert E. Wise, Jr. Washington, DC 20515</p>	<p>Appalachian Power Company Teresa P. Rogers 40 Franklin Rd Roanoke, VA 24022-2121</p>
<p>Appalachian Power Company President Joseph H. Vipperman 40 Franklin Rd Roanoke, VA 24022-2121</p>	<p>American Electric Power Service Corp Sr. Vice President John F. Norris 1 Riverside Plz Columbus, OH 43215-2355</p>
<p>American Electric Power Service Corp Hydro Support Manager Frank Michael Simms 40 Franklin Rd Roanoke, VA 24022-2121</p>	

APPENDIX A—PROCESS PLAN AND SCHEDULE

Below is the schedule for the London/Marmet and Winfield Project pre-application activity.

Activity	Responsibility	Timeframe and Regulations	Dates
File NOI and Pre-Application Document (PAD)	Appalachian Power Company	18 CFR § 5.5, 5.6	<i>August 14, 2008</i>
Initial Tribal Consultation Meeting	FERC	18 CFR § 5.7	<i>August 26, 2008</i>
Commission notices NOI/PAD and issues Scoping Document 1	FERC	Within 60 days of filing NOI & PAD 18 CFR § 5.8	<i>October 13, 2008</i>
Commission holds Scoping Meetings/Site Visit	FERC	Within 30 days of NOI & PAD notice & issuance of SD1 18 CFR § 5.8(b)(viii)	<i>November 12, 2008</i>
Comments on NOI, PAD, SD1, and Study Requests	All Stakeholders	Within 60 days of NOI & PAD notice & issuance of SD1 18 CFR § 5.9	<i>December 12, 2008</i>
Proposed Study Plan	Appalachian Power Company	Within 45 days of deadline for filing comments on SD1 18 CFR § 5.11(a)	<i>January 26, 2009</i>
Study Plan Meeting(s)	All Stakeholders	Within 30 days of deadline for filing proposed Study Plan 18 CFR § 5.11(e)	<i>February 25, 2009</i>
Comments on Proposed Study Plan	All Stakeholders	Within 90 days after Proposed Study Plan is filed 18 CFR § 5.12	<i>April 26, 2009 (Week Of)</i>
Revised Study Plan (if necessary)	Appalachian Power Company	Within 30 days of deadline for comments on Proposed Study Plan 18 CFR § 5.13(a)	<i>May 26, 2009</i>

Activity	Responsibility	Timeframe and Regulations	Dates
Comments on Revised Study Plan	All Stakeholders	Within 15 days following Revised Study Plan 18 CFR § 5.13(b)	<i>June 10, 2009</i>
Director's Study Plan Determination	FERC	Within 30 days following Revised Study Plan 18 CFR § 5.13(c)	<i>June 25, 2009</i>
<i>Formal Study Dispute Resolution Process (if necessary)</i>	Stakeholders, FERC, Appalachian Power Company	Initiated within 20 days of Study Plan Determination 18 CFR § 5.14	<i>July 15, 2009 to September 23, 2009</i>
First Study Season	Appalachian Power Company	18 CFR § 5.15(a)	<i>2010 study seasons</i>
Initial Study Report	Appalachian Power Company	365 days from Study Determination 18 CFR § 5.15(c)(1)	<i>June 25, 2010</i>
Initial Study Report Meeting	All Stakeholders	Within 15 days from Initial Report 18 CFR § 5.15(c)(2)	<i>July 10, 2010 (Week Of)</i>
Initial Study Report Meeting Summary	Appalachian Power Company	Within 15 days of Study Results Meeting 18 CFR § 5.15(c)(3)	<i>July 25, 2010 (Week Of)</i>
Second Study Season	Appalachian Power Company	18 CFR § 5.15(a)	<i>2011 study seasons</i>
Updated Study Report	Appalachian Power Company	Two years from Initial Study Plan Determination 18 CFR § 5.15(f)	<i>June 25, 2011 (Week Of)</i>
Updated Study Report Meeting	All Stakeholders	Within 15 days of Updated Study Report 18 CFR § 5.15(f)	<i>July 10, 2011 (Week Of)</i>
Updated Study Report Meeting Summary	Appalachian Power Company	Within 15 days of Study Results Meeting 18 CFR § 5.15(f)	<i>July 25, 2011</i>

Activity	Responsibility	Timeframe and Regulations	Dates
Study Disputes/Request to Modify Study Plan	All Stakeholders	Within 30 days of Study Report Meeting Summary 18 CFR § 5.15(f)	<i>August 24, 2011</i>
Responses to Disputes/Study Requests	All Stakeholders	Within 30 days of filing of Meeting Summary Disagreements 18 CFR § 5.15(f)	<i>September 23, 2011</i>
Director's Study Plan Determination	FERC	Within 30 days of filing Responses to Disputes/Study Requests 18 CFR § 5.15(f)	<i>October 23, 2011 (Week Of)</i>
File PLP	Appalachian Power Company	No later than 150 days before final application is filed 18 CFR § 5.16(a)	<i>September 3, 2011 (Week Of)</i>
Comments on Applicant's Preliminary Licensing Proposal, Additional Information Requests (if necessary)	All Stakeholders	Within 90 days of filing PLP or draft license application 18 CFR § 5.16(e)	<i>December 2, 2011</i>
License Application Filed	Appalachian Power Company	18 CFR § 5.17	<i>January 31, 2012</i>

APPENDIX B- STUDY PLAN CRITERIA (18 CFR Section 5.9(b))

Any information or study request must contain the following:

1. Describe of the goals and objectives of each study proposal and the information to be obtained;
2. If applicable, explain the relevant resource management goals of the agencies or Indian tribes with jurisdiction over the resource to be studied;
3. If the requester is not a resource agency, explain any relevant public interest considerations in regard to the proposed study;
4. Describe existing information concerning the subject of the study proposal, and the need for additional information;
5. Explain any nexus between project operations and effects (direct, indirect, and/or cumulative) on the resource to be studied, and how the study results would inform the development of license requirements;
6. Explain how any proposed study methodology (including any preferred data collection and analysis techniques, or objectively quantified information, and a schedule including appropriate field season(s) and the duration) is consistent with generally accepted practice in the scientific community or, as appropriate, considers relevant tribal values and knowledge; and
7. Describe considerations of level of effort and cost, as applicable, and why any proposed alternative studies would not be sufficient to meet the stated information needs.