

**THE STATE OF NEW HAMPSHIRE
SITE EVALUATION COMMITTEE**

In the matter of the
Application for Certification
Pursuant to RSA 162-H of
ANTRIM WIND ENERGY, LLC

Docket No. 2012-01

**MOTION OF COUNSEL FOR THE PUBLIC FOR LEAVE TO RETAIN
JEAN VISSERING AND FOR AN ORDER DIRECTING
ANTRIM WIND ENERGY LLC TO BEAR THE COSTS THEREOF**

Counsel for the Public, by his attorneys, the Office of the Attorney General, hereby moves, pursuant to RSA 162-H:10, V, for leave to retain an expert consultant and for an order directing Antrim Wind Energy, LLC (“AWE” or “Applicant”), to bear the costs of the consultant contract and reimburse counsel for the public in an amount up to \$18,020. In support hereof, counsel for the public respectfully represents as follows:

1. On January 31, 2012, Antrim Wind Energy, LLC (the “Applicant”) filed its Application for a certificate of site and facility under RSA c. 162-H.
2. On April 30, 2012, the Attorney General appointed the undersigned as Counsel for the Public pursuant to RSA 162-H:9.
3. Pursuant to RSA 162-H:10, V, Counsel for the Public may employ such consultants as are necessary to further his duties under ch. 162-H. Also pursuant to RSA 162-H:10, V, the cost of such consultants “shall be borne by the applicant in such amount as may be approved by the Committee.”

4. The Applicant's project is proposed as 10 wind turbines of 3 MW each standing on steel towers along 2.5 miles of relatively low elevation ridgeline in the Town of Antrim and associated roadways and other infrastructure (the "Project"). The height of the turbines is estimated to be approximately 492 feet. Counsel for the Public believes that these would be the tallest free-standing structures in the State of New Hampshire.¹ In comparison, New Hampshire's tallest building is the City Hall Plaza office building in Manchester at 275 feet. The Merrimack Station smokestack in Bow is reportedly 445 feet tall. Counsel for the Public has a need to employ a consultant to provide expert analysis and opinion to be presented in the form of testimony with respect to the Project's expected visual impacts.

5. Counsel for the Public wishes to employ Jean Vissering of Jean Vissering Landscape Architecture of Montpelier, Vermont to provide expert analysis and opinion concerning the visual impacts that the proposed project may be expected to produce and a critique of the methodology and results of the consultant employed by the Applicant. Ms. Vissering's resume is attached as Exhibit "A." The details of the services Ms. Vissering will provide are set forth in the attached Exhibit "B". Ms. Vissering's rates are also set forth in the attached Exhibit "B." She estimates the total cost of her services and expenses for the engagement to be up to \$18,020.

6. Under RSA 162-H:10, V, the cost of such a consultant "shall be borne by the applicant in such amount as may be approved by the Committee", and Counsel for the Public asks the Sub-committee to order and direct the Applicant to pay the consultant's fees and costs as presented on invoices from the consultant on a monthly

¹ There are five radio masts in five different locations of equal or greater height.

basis and in accordance with the terms of the engagement letter attached hereto.

Counsel for the Public has done his utmost to fairly and accurately estimate the total budget for the proposed services, but must nevertheless reserve to himself the ability and right to request additional sums should the need arise.

7. Counsel for the Public has requested the other parties to assent to this motion. The following parties assented:

Audubon Society of N.H.

Appalachian Mountain Club

Industrial Wind Action group

Kathryn Sullivan

Antrim Conservation Association

Antrim Planning Board

Consolidated North Branch ("Block")

Edwards and Allen.

The Harris Center took no position.

The Antrim Select Board did not respond.

The Applicant did not oppose the engagement but objects to the fees to be paid in each instance, except for Mr. Lloyd-Evans, as "unreasonably high." With respect to the Deloitte retention the Applicant objects because the engagement does not include testimony. With respect to Tocci and Deloitte the Applicant objects to retainers.

Wherefore, Counsel for the Public prays that the Sub-committee enter an order authorizing him to retain Ms. Vissering pursuant to RSA 162-H:10, V, and directing

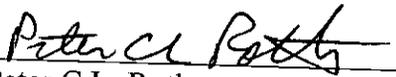
the Applicant to bear the fees and costs, as incurred monthly, up to \$18,020, and granting such other relief as may be just.

Respectfully submitted this 18th day of June, 2012,

PETER C.L. ROTH
COUNSEL TO THE PUBLIC

By his attorneys

MICHAEL A. DELANEY
ATTORNEY GENERAL


Peter C.L. Roth

Senior Assistant Attorney General
Environmental Protection Bureau
33 Capitol Street
Concord, New Hampshire 03301-6397
Tel. (603) 271-3679

Certificate of Service

I, Peter C.L. Roth, do hereby certify that I caused the foregoing to be served upon each of the parties named in the Service List of this Docket.

Dated: June 18 2012

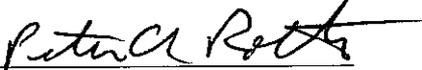

Peter C.L. Roth

EXHIBIT A

Jean Vissering Landscape Architecture

3700 NORTH STREET MONTPELIER VERMONT 05602 802-223-3262/jeanviss@attglobal.net

RESUME

EDUCATION

Master of Landscape Architecture - 1975, North Carolina State University, Raleigh, NC,
American Society of Landscape Architects Book Award.

Bachelor of Science in Landscape Architecture - 1972, University of Massachusetts, Amherst,
MA. Cum Laude. Honors Thesis on Pedestrian Environments.

PROFESSIONAL EXPERIENCE AND EXAMPLES OF PROJECTS

Professional Consulting: Visual Resource Planning and Visual Impact Assessment Projects

- Currently working with the City of Burlington on Act 250 Review of the proposed Champlain Parkway.
- Currently providing independent review of telecommunications and electrical generation projects for the Vermont Department of Public Service under the §248 process.
- Prepared a methodology for state review of visual impacts of wind energy projects with the Clean Energy States Alliance (CESA), A *Visual Assessment Process for Wind Energy Projects*. The project is funded by a grant from the U.S. Department of Energy (DOE). A 2 hour webinar presentation was viewed by state and federal officials and organization representatives from around the country.
- Prepared visual impact assessment for the proposed Lowell Wind Project, Lowell, Vermont for the Green Mountain Club.
- Visual Impact Assessment of proposed shopping center outside Brandon village, Vermont for Preservation Trust of Vermont
- Work with the Preservation Trust of Vermont in evaluating the visual impacts of a proposed commercial facility in Ferrisburgh.
- Visual Impact Assessment for Kibby Expansion Project on Sisk Mountain in Chain of Ponds and Kibby Townships, Maine (TransCanada).
- Visual Assessment of proposed Fuel Station, Convenience Store and Restaurant Facility for Friends of Ferrisburgh.
- Visual Impact Assessment for Georgia Wind Project as an independent witness for the Vermont Public Service Department.
- Visual assessment of the Deerfield Wind Project on behalf of Iberdrola. The project is proposed within the Green Mountain National Forest and was approved by the Vermont Public Service Board and is currently under review by the GMNF.

- Visual Impact Assessment for Granite Reliable Wind Park in Coos County, NH approved by the NH Siting Evaluation Committee, on behalf of Noble Environmental Energy.
- Visual Impact Assessment of the proposed Kibby Wind Energy Project in the Boundary Mountains of Maine on behalf of TransCanada (Approved by Maine LURC).
- Independent visual impact assessment of a proposed subdivision adjacent to Interstate 91 in Windsor Vermont District for the District #2 Environmental Commission.
- Visual Impact Assessment of the proposed Redington and Black Nubble Wind projects on behalf of the Appalachian Trail Conservancy (Maine LURC concurred with my findings, project denied).
- Appointed as member of the National Academy of Science Wind Energy Committee which produced a report, *Environmental Impacts of Wind-Energy Projects* (National Research Council of the National Academies 2007).
- Visual Impact assessment of a small wind turbine in Huntington for the Foundation for a Sustainable Future.
- Aesthetic review under §248 of the Vermont Electric Coop (VELCO) Northwest Reliability Project for the Addison County Regional Planning Commission.
- Preliminary assessment of a proposed wind energy project in the vicinity of Jordanville and Cherry Valley, NY for Otsego 2000.
- Assisted the Bennington Regional Commission and the Town of Manchester in a public information and review process by providing information regarding the aesthetic effects of the proposed Little Equinox Wind Energy Project.
- Scenic evaluation methodology and protection strategies for the Town of Huntington's Conservation Commission to be used as a tool for prioritizing conservation efforts.
- Visual assessment for the proposed Glebe Mountain wind project on behalf of the Town of Londonderry.
- Presentation to Scenic America's Board of Directors and Affiliates of the visual issues involved in wind energy development at their annual meeting in Washington, D.C.
- Visual assessment methodology for the Public Service Board, published as a brochure: *Siting a Wind Turbine on Your Property*; designed to encourage the sensitive siting of small wind turbines to protect scenic views.
- Prepared the report, *Wind Energy and Vermont's Scenic Landscape*, for the Vermont Public Service Department summarizing discussions among stakeholders concerning the visual impacts of wind energy. The guidelines are intended for use by the PSB, prospective developers, and by local and regional planning organizations.
- *Open Space Plan Views and Vistas Study* for the City of Montpelier's Conservation Commission. The Study recommended priorities for green space and open space protection.
- "Scenic Resource Evaluation Process": a team project to develop guidelines for Vermont Agency of Natural Resources' review of Act 250 projects.

Professional Consulting: Design and Planning Projects

- Design for the George Aiken Native Vermont Plant Garden viewed from the Statehouse cafeteria;
- Work with the Trust for Public Land to facilitate discussions with stakeholders and illustrate

options for the development and conservation of Sabin's Pasture, a 100 acre parcel in Montpelier. Designs illustrated a compact neighborhood approach for up to 300 mixed use and affordable housing units, recreation paths and storm water retention areas.

- Design of a ceremonial garden the Center for Victims of Violent Crimes to honor those who have been affected by violent crimes. The garden is located on State property near the State House in Montpelier and includes a plaza and accessible pathway.
- Re-Design of City Hall Plaza in Montpelier
- Street Tree Plan for Route 2 in Plainfield, VT
- Design for Martin Bridge Park for the Town of Marshfield; the park includes parking and handicapped access to a historic covered bridge, information about the natural and cultural history of the area, picnic areas, and trails connecting to the Cross Vermont Trail.
- Design and construction supervision for numerous residential and institutional projects.
- Elm Court Park: a small pocket park and entry way developed by the Trust for Public Land and the City of Montpelier. The park includes a small plaza, sitting areas and demonstrates ecological approaches to design and contains a butterfly garden.
- Turntable Park, Stonecutters Way, Montpelier: design for restoration of an historic turntable, along with accommodation of recreational and theatrical use of a small park. (Designed in collaboration with the Office of Robert White).
- Randolph Family Housing and Templeton Court, landscape design for low-income housing projects in Randolph and White River Junction, VT.
- Plainfield Common, a public riverside park and small formalized parking area in the village center of Plainfield; this project involved extensive public involvement
- Streetscape Master Plan for Chelsea village: village plantings and other amenities for the village center's greens and streets, as well as for several parks and public areas.
- Street tree inventory and plan for the City of Montpelier.
- Conservation and development plans for landholdings in various towns including Hardwick and Calais. Plans provide for the protection of important resources including scenic values, agricultural lands, wetlands, and valuable forestland while identifying appropriate areas for development.

Teaching Experience

- **2000-20011:** Landscape Design courses at Studio Place Arts in Barre.
- **1982 -1997: Lecturer (University of Vermont, School of Natural Resources and Department of Plant and Soil Science)**
Teaching and Advising: Courses included *Park and Recreation Design* (Recreation Management); *Landscape Design Studio*, *Colloquium in Ecological Landscape Design* (Plant and Soil Science), and *Visual Resource Planning and Management* (Natural Resources graduate level), and *Environmental Aesthetics and Planning* (Natural Resources).
- **1996: Faculty (Vermont Design Institute)**
Faculty facilitator for a summer workshop on finding patterns in rural landscapes and historic town centers which could be used as a planning and design tool.

- **1995: Lecturer (Norwich University, Department of Architecture)**
Course in Landscape Design, the first to be taught in the school.

Additional Experience

- **1981 - 1982: State Lands Planner (Agency of Natural Resources, Department of Forests, Parks and Recreation)**
Preparation and coordination of all land management plans for the Department of Forests, Parks, and Recreation; review of plans under Act 250 and Act 248 for aesthetic impacts; design services and related expertise to other Agency departments and to municipalities.
- **1978 - 1981: Park Planner (VT. Dept. of Forests, Parks and Recreation)**
Design of state park facilities including site analysis, working drawings, grading plans, construction details, planting plans, and supervision of construction. Reviewed plans under Act 250 for aesthetic impacts. Helped organize a new state lands management unit.

PUBLICATIONS AND ILLUSTRATIONS

A Visual Assessment Process for Wind Energy Projects, Clean Energy States Alliance with Mark Sinclair and Anne Margolis, contributing authors, May 2011

Minimize the Visual Impact of Turbines, Burlington Free Press, January 17, 2010

Environmental Impacts of Wind-Energy Projects, National Research Council of the National Academies, May 2007

Sabin's Pasture: A Vision for Development and Conservation, Central Vermont Community Land Trust, March 2003.

Siting a Wind Turbine on Your Property: Putting Two Good Things Together, Small Wind Technology & Vermont's Scenic Landscape, Public Service Board, December 2002

Wind Energy and Vermont's Scenic Landscape: A Discussion Based on the Woodbury Stakeholder Workshops, Vermont Public Service Department, August 2002.

Scenic Resource Evaluation Process, Vermont Agency of Natural Resources, July 1, 1990. Guidelines to be used by the Agency of Natural Resources in reviewing visual impacts of development projects under Act 250 in areas of regional and statewide scenic significance.

"Impact Assessment of Timber Harvesting Activity in Vermont: Final Report-March 1990": a research project conducted by the University of Vermont on behalf of the Vermont Department of Forests, Parks, and Recreation. My focus was the visual impacts of timber harvesting.

"Landscapes, Scenic Corridors and Visual Resources": a chapter of the 1989 Vermont Recreation Plan which outlines a five year plan for protecting and enhancing scenic resources in Vermont.

"Healing Springs Nature Trail Guide": Guide for a nature trail at Shaftsbury State Park including text, illustrations (I also designed the trail and bridges).

"The View from the Sidewalk": a walking tour emphasizing the interconnections of environment and culture that shaped the cityscape of Raleigh, North Carolina, text and illustrations.

EXHIBIT B

Jean Vissering Landscape Architecture

3700 NORTH STREET MONTPELIER VERMONT 05602 802-223-3262/jeanviss@attglobal.net

PROPOSAL

VISUAL IMPACT ASSESSMENT ANTRIM WIND PROJECT (Docket No. 2011002)

For
**Peter Roth, Counsel for the Public, New Hampshire Department of
Justice**

June 5, 2012

1. Introduction

Jean Vissering Landscape Architecture (JVLA) submits this proposal for providing an evaluation of visual impacts of the proposed Antrim Wind Project. My contact information appears in the masthead of this proposal. I understand that my role is to evaluate the proposed project as an independent reviewer on behalf of the Counsel for the Public of New Hampshire. Specifically, my assessment would 1) review the applicant's testimony and reports to ensure that they are thorough and accurate; 2) provide sufficient analysis of the proposed project including field evaluation to determine independently whether the project will meet the requirements of RSA 162-H:10, V; 3) make recommendations concerning changes which may be needed to bring the project into compliance, and 4) participate in the review process through site visits, attendance at public meetings, preparing written and oral testimony, responding to data requests and providing general assistance to the Public Advocate and his staff in their review of the visual impacts of the proposed project. Specific services are outlined in detail below (see Section 4, Work Plan).

2. Description of Firm and Relevant Experience

My resume is attached to this proposal along with a brief description of any firms or individuals that might serve as subcontractors for the project.

I have conducted visual impact assessments since 1978 while working with the State of Vermont Agency of Natural Resources. I served as a faculty member at the University of Vermont for 15 years where I taught courses in Environmental Aesthetics and Visual Resource Planning at both the graduate and undergraduate levels. Since 1997 I have owned and operated Jean Vissering Landscape Architecture (JVLA) which focuses on visual impact assessment, visual resource planning, community design and planning, and residential design.

In 2002 I worked with the Vermont Department of Public Service and Renewable Energy Vermont to help facilitate stakeholder meetings examining the issue of wind energy in Vermont. Since then I have assessed the impacts of wind energy projects in various capacities for local and regional planning commissions, state agencies, organizations and developers. I have spoken to groups and organizations around the country such as CESA, NEWEEP, Scenic America and the New England Chapter of the American Planning Association concerning wind energy and visual impacts. As a member of a committee appointed by the National Research Council of the National Academies, I authored a chapter on aesthetic impacts in *Environmental Impacts of Wind-Energy Projects* (2007). In 2011 I served as principle author for *A Visual Assessment Process for Wind Energy Projects* with the Clean Energy States Alliance (CESA) produced under a grant from the U.S. Department of Energy. I have worked both in support of and in opposition to wind energy projects. While I believe such projects can be accommodated on many sites, there will be some sites for which the aesthetic impacts will unduly compromise important scenic resources.

I have testified before the Vermont Public Service Board, the New Hampshire Site Evaluation Committee, and the Maine Land Use Regulatory Commission on wind energy projects. In addition I have reviewed many other types of utility and development projects ranging from transmission lines, communications towers, biomass heating plants, solar projects, residential subdivisions and commercial projects. Although I have been involved with numerous wind energy projects, those that have received regulatory review are listed below. The regulatory bodies issued decisions supporting my position in all six projects.

- Georgia Wind Project for the Vermont Department of Public Service
- Lowell Wind Project for the Green Mountain Club
- Deerfield Wind Project on behalf of Iberdrola (reviewed by VT PSB and GMFS)
- Granite Reliable Wind on behalf of Noble Environmental (NH Siting Evaluation Committee)
- Kibby Wind Project on behalf of TransCanada (Maine Land Use Regulatory Commission)
- Redington/Black Nubble on behalf of the Appalachian Trail Conservancy (before the Maine LURC - in opposition)

3. Possible Subcontractors: Viewshed Analysis and Photo Simulations

The applicant has provided both viewshed analyses and a number of photo simulations for the proposed project. However, if the project evaluation finds potential problems with this technical information or additional information is required that cannot be provided by the applicant, I can provide either a technical review of these documents and/or additional photographic simulations to ensure the accuracy and adequacy of review. I do not provide these highly technical services in-house but would work with the following subcontractors. Estimates of the cost of these services are provided under Estimated Costs at the end of this proposal.

- **Viewshed Analysis**
Stone Environmental,

**535 Stone Cutters Way
Montpelier, VT 05602**

The firm was founded in 1992 and provides multidisciplinary services in environmental management and research. The Applied Information Management team uses Geographic Information Systems (GIS), custom databases, statistical software, and environmental modeling tools to analyze and visualize data, providing clients with valuable information for sustainable development, planning, decision support, and management. Stone Environmental provided mapping services for JVLA for several projects including the proposed Little Equinox Wind Project in Manchester, VT and the Kibby Wind Project in Kibby Township in Maine, and Georgia Mountain Wind Project, as well as for a proposed gas peaking plant and a biofuels plant.

- **Photographic Simulations**

**SE Group
131 Church Street
Burlington, VT 05401**

SE Group is a full service landscape architecture and land planning firm with offices in Burlington VT, Bellevue WA, Frisco CO and Salt Lake City UT. Mark Kane, the principle of the Burlington office has provided visual impact review of many projects including for the Vermont Department of Public Service.

4. Work Plan

The scope of services, general assessment methodology, and expected deliverables are outlined below. A projected schedule of completion is indicated in the cost estimate (see Section 5e. Work will commence as soon as a contract is signed.

- **Review of Applicant's Visual Assessment and other Relevant Documents**

The independent visual impact assessment will require a thorough review of the project proposals including turbine locations and design as well as associated infrastructure such as roads and grading, collector lines, transmission lines, substations and other facilities. The applicant's Visual Impact Assessment will be reviewed and critiqued with a brief memorandum describing any missing or potentially inaccurate information. Other documents submitted by the applicant and interveners will also be reviewed including testimony, reports, local planning and zoning documents, as well as any regional and state planning documents which may address resources important to the zone of influence. Documents related to other publicly accessible resources of natural, cultural or aesthetic importance will also be examined. All new testimony and other documents that become part of the record as the case proceeds will be reviewed to the extent that they may be relevant to aesthetic and visual impacts.

- **Field Investigation**

Field investigation will focus on areas of highest sensitivity including state and interstate roads, recreation areas, natural areas, lakes and ponds, town centers, publicly accessible historic sites, and significant trails. Views will be documented photographically along with detailed notes concerning geographic position, distance

from the project, and view characteristics such as duration, scenic quality, and the prominence of the project ridge in the view. The general character of the area and important features of the region will be noted as well. The analysis will consider visual impacts resulting from associated project infrastructure. Private property will not be visited but potential views from residences and camps will be noted and discussed generally in the analysis. Field investigations will take place as soon as possible after approval of this Proposal.

The purpose of field investigation will be to verify that the applicant has presented a thorough and accurate assessment of the visual character and resources within the surrounding area of the particular project. Following field work, a brief report will be prepared and submitted describing preliminary findings.

- **Review Applicant's Viewshed Analysis and Photo Simulations/ Prepare Independent Viewshed and Simulations (Optional)**

The applicants' viewshed analysis and photographic simulations will be evaluated for technical accuracy and to ensure that the simulations provided are representative of sensitive visual resources in the surrounding area. If it appears appropriate and necessary, I will make recommendations for additional photo simulations to be provided by the applicant. Additionally, I can provide new viewshed maps and photographic simulations from particular vantage points. Cost estimates for these services are listed at the bottom of the Cost Estimate table and include the creation of up to 3 new photographic simulations.

- **Visual Impact Assessment Testimony and Report**

The visual assessment process examines the characteristics of the site and its surroundings along with the characteristics of the project to determine whether there may be potential unreasonable adverse impacts to particular scenic resources or to the region as a whole. Sites with higher visual sensitivity are selected for more detailed analysis. Visibility by itself does not determine undue aesthetic impact and no one factor is likely to result in a finding of unreasonable adverse impact. Rather, a combination of factors related to the characteristics and sensitivity of the views along with documented evidence of scenic values would be required. JVLA will conduct a comprehensive visual assessment which incorporates the established visual assessment principles and a systematic evaluation methodology. Statements made by affected parties including the developer, neighbors and other interveners concerning the project will be considered. Documents providing clear statements of visual and aesthetic resource values will also be considered.

- **Responses to Applicant's Requests**

Following the submission of my report and testimony, the developer may wish to require more detailed information in the form of discovery. I will provide appropriate responses to any of these questions concerning visual or aesthetic issues.

- **Technical Hearing and Response to Hearing Requests**

I will be available to respond to questions during a technical hearing and to provide any additional information required following the hearing.

- **Supplemental Testimony**
Supplemental (or surrebuttal) testimony may be required to respond to any project changes or to additional information provided over the course of project review.
- **Adjudicative Hearing**
I will be available to provide oral testimony and respond to cross examination during an adjudicative hearing. Cost estimates include preparation for all hearings.

5. Fee Schedule, Cost Estimates and Scheduling

a) Rates and fees

- **Jean Vissering Landscape Architecture**

Professional Services: \$90.00/hour

Driving: \$45.00/hour

Administration: \$45.00/hour

Expenses

Mileage: Federal Mileage Rate

Meals, Lodging, printing, postage and other expenses: billed at cost

Contractual Expenses (Viewshed Analysis/Simulations): billed at cost

No additional overhead is charged

b) Invoicing Procedure

Invoices will reflect work performed and will be sent monthly assuming work has been completed during the time period. They will provide a detailed summary of project tasks completed, hours and expenses for principal consultants. Payment is expected in 30 days.

c) Availability

Jean Vissering will be available for all identified hearing dates. She will not be available on the following dates: June 18-29; July 30-August 10; and September 16-October 2, 2012.

d) Professional Insurance

Jean Vissering has professional liability insurance for up to \$1,000,000. She will provide certificates upon request.

e) Cost Estimate and Scheduling

The table below summarizes estimated maximum costs for review of the proposed Antrim Wind Project. Work project due dates are based upon the Report of Prehearing Conference and Procedural Order (May 18, 2012). Any work requirements in addition to those outlined above in the Work Plan or in the Estimated Fees and Expenses below may result in additional costs.

Task	Completion Date	Estimated Fees and Expenses			Total Estimated Costs
		Estimated Hours/ Fees	Estimated Expenses	Total	
A. Visual Impact Assessment Review					
Review Documents	Ongoing	6	\$540	\$0	\$540
Site Visit/Field Assessment	June-July 2012	16	\$1,440	\$400	\$1,840
Prefiled Testimony	7/20/2012	20	\$1,800	\$100	\$1,900
Responses to Applicant's Requests	8/14/2012	8	\$720	\$50	\$770
Technical Hearing	8/20-21/2012	10	\$900	\$150	\$1,050
Respond to Technical Hearing Requests	8/27/2012	8	\$720	\$50	\$770
Supplemental Testimony	9/5/2012	8	\$720	\$50	\$770
Adjudicative Hearing	9/10-14/2012	12	\$1,080	\$300	\$1,380
TOTAL		89	\$8,010	\$1,110	\$9,120
B. Technical Assistance Subcontracted Services (If Required)					
		JVLA Hours/Fees		Subcontractor Cost	Total
Viewshed Analysis (topographic and vegetated)	TBD	4	\$360	\$4,000	\$4,360
Photographic Simulations: Review or New Viewpoints (3)	TBD	6	\$540	\$4,000	\$4,540
Subtotals		10	\$900	\$8,000	\$8,900
TOTAL MAXIMUM COSTS		99	\$8,910	\$9,110	\$18,020

Notes:

- Fees noted below are based on the fee schedule above.
- Written work products will be submitted in a timely manner before the due dates in order to allow for review and editing.
- Viewshed costs will only be billed if viewshed maps are required. The estimate is for two maps showing a topographic and vegetated viewshed.
- Verification of simulation accuracy and/or new photographic simulations may not be required. Costs indicated include an analysis of the accuracy of the applicant's simulations plus the creation of up to three additional photographic simulations.
- Fees include preparation as well as attendance at the hearing including the testimony of the applicants and potential intervener witnesses.
- Travel expenses are primarily for mileage reimbursement but also include possible overnight stays on two occasions.