

**ATTORNEY GENERAL
DEPARTMENT OF JUSTICE**

33 CAPITOL STREET
CONCORD, NEW HAMPSHIRE 03301-6397

MICHAEL A. DELANEY
ATTORNEY GENERAL

ORVILLE B. "BUD" FITCH II
DEPUTY ATTORNEY GENERAL



July 28, 2010

NH Site Evaluation Committee
c/o Jane Murray, Secretary
29 Hazen Drive
Concord, New Hampshire 03301-0095

Re: Application of Groton Wind, LLC
Docket No. 2010-01

Dear Ms. Murray:

Enclosed for filing with the New Hampshire Site Evaluation Committee with reference to the above-captioned matter please find an original plus three copies of a *Motion of Counsel for the Public for Leave to Retain Consultants and for an Order Directing Groton Wind LLC and Iberdrola Renewables, Inc. to Bear the Costs Thereof.*

Thank you for your attention to this matter.

Sincerely,

Colleen L. M' Duffie
for Peter C.L. Roth
Senior Assistant Attorney General
Environmental Protection Bureau
(603) 271-3679

/cmc
Enclosure
cc: Service List

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

In the matter of the)
Application for Certification)
Pursuant to RSA 162-H of)
GROTON WIND LLC)
_____)

Docket No. 2010-01

**MOTION OF COUNSEL FOR THE PUBLIC FOR LEAVE TO RETAIN
CONSULTANTS AND FOR AN ORDER DIRECTING GROTON WIND LLC
AND IBERDROLA RENEWABLES, INC. TO BEAR THE COSTS THEREOF**

Counsel for the Public, Senior Assistant Attorney General Peter C.L. Roth , by his attorneys, the Office of the Attorney General, hereby moves, pursuant to RSA 162-H:10, V, for leave to retain expert consultants and for an order directing Groton Wind, LLC (“GWL” or “Applicant”), to bear the costs of the consultant contracts and reimburse counsel for the public in an amount up to \$42,400. In support hereof, counsel for the public respectfully represents as follows:

1. On June 1, 2010, the Attorney General appointed the undersigned as Counsel for the Public pursuant to RSA 162-H:9.
2. 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.”
3. Counsel for the Public has a need to employ consultants to provide expert analysis and opinion to be presented in the form of testimony with respect to

the project's expected noise impacts and with respect to the project's expected impacts on avian species.

4. Counsel for the Public wishes to employ Gregory C. Tocci, P.E. FASL, of Cavanaugh Tocci Associates, Sudbury, Massachusetts, to provide expert analysis and opinion concerning the noise emissions that the proposed project may be expected to produce and a critique of the methodology and results of the consultants employed by the Applicant. Mr. Tocci's resume is attached as Exhibit "A." The details of the services Mr. Tocci will provide are set forth in the attached Exhibit "B". Mr. Tocci's rates are also set forth in the attached Exhibit "B." He estimates the total cost of his engagement to be approximately \$29,500.

5. Counsel for the Public also wishes to employ Trevor L. Lloyd -Evans and David McGlinchey, of the Manomet Center for Conservation Sciences, Manomet, Massachusetts, to provide expert analysis and opinion concerning the impacts on avian species that the project may be expected to produce and a critique of the methodology and results of the avian consultants and reports provided by the Applicant. Mr. Lloyd-Evans' and Mr. McGlinchey's resumes are attached as Exhibit "C." The details of the services that Mr. Lloyd-Evans and Mr. McGlinchey will provide are set forth in the attached Exhibit "D." The rates Mr. Lloyd Evans and Mr. McGlinchey will charge are also set forth in Exhibit "D." The total cost of the avian work is estimated at approximately \$12,900.

6. Under 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" and Counsel for the Public asks the Sub-committee to order and direct the Applicant to pay the

consultants' costs as presented on invoices from the consultants on a monthly basis and in accordance with the terms of the engagement letters attached hereto. Counsel for the Public has done his utmost to fairly and accurately estimate the total budget for each of these two key areas, 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 Spring/Lewis/Buttolph Group of Intervenors assents. The Applicant partially assents to the motion insofar as it seeks to obtain approval for hiring Mr. Lloyd-Evans and Mr. McGlinchey under the terms outlined in Mr. Lloyd-Evan's 7/7/10 letter. However, the Applicant does not assent to the scope of work or cost associated with retaining Mr. Tocci. No other parties responded.

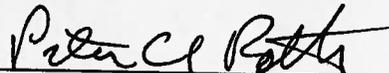
Wherefore, Counsel for the Public prays that the Sub-committee enter an order authorizing him to retain consultants pursuant to RSA 162-H:10, V, and directing the Applicant to bear the costs, as incurred monthly, up to \$42,400, and granting such other relief as may be just.

Respectfully submitted this 28th day of July, 2010,

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 on the attached Service List.

Dated: July 28, 2010

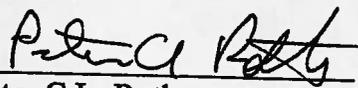

Peter C.L. Roth

EXHIBIT A

GREGORY C. TOCCI

Senior Principal Consultant

Education:

Tufts University, BS, 1970

Massachusetts Institute of Technology, MS, 1973

Professional Affiliations:

Fellow, Acoustical Society of America

Past President, National Council of Acoustical Consultants

President and Board Certified Member, Institute of Noise Control Engineering

Past Chairman, Greater Boston Chapter of the Acoustical Society of America

Member, American Society for Testing and Materials

Associate Editor, *Noise Control Engineering Journal*

Registration:

Professional Engineer in Massachusetts and Rhode Island

Experience:

As President and founding partner of CAVANAUGH TOCCI ASSOCIATES, INC., Mr. Tocci is responsible for both its technical and business activities. Among types of projects managed by Mr. Tocci are speech privacy and intelligibility studies; mechanical system noise and vibration control studies; environmental noise impact assessments for residential, commercial, and industrial developments, and for transportation systems; worker noise exposure surveys and engineering noise abatement programs; design and implementation of construction noise control programs; and many types of special noise and vibration studies for building and manufacturing industries.

Mr. Tocci is active in several professional organizations, has served as an Invited Lecturer at the Harvard School of Public Health, and is author of the *Monsanto Acoustical Glazing Design Guide* and papers published in various magazines and proceedings. Mr. Tocci has also lectured in several environmental and industrial seminar programs.

Representative projects for which Mr. Tocci has consulted include:

On-Site Thermal Power Plant, Deer Island, MA

MWRA Waste Water Treatment Plant

Acoustical design of a 53 MW gas turbine and hot water plant

Northeastern Univ. Engineering Science Center, Boston, MA

Design of a 100,000-sq. ft. university laboratory situated adjacent to a major urban rail corridor

OMYA Marble Quarry Expansion, Middlebury, VT

Sound and vibration impact studies of truck through a neighboring downtown area

- Titleist Footjoy Worldwide, New Bedford, Massachusetts
Ball winder noise and vibration studies and recommendations.



EXHIBIT B

CAVANAUGH TOCCI ASSOCIATES, INCORPORATED

327 F BOSTON POST ROAD, SUDBURY, MA 01776-3027

TEL: (978) 443-7871

FAX: (978) 443-7873

E-MAIL: cta@cavtocci.com

SENIOR PRINCIPALS

WILLIAM J. CAVANAUGH, FASA, Emeritus
GREGORY C. TOCCI, PE, FASA, PRESIDENT

PRINCIPALS

DOUGLAS H. BELL
LINCOLN B. BERRY
TIMOTHY J. FOULKES, FASA, INCE, Bd. Cert.
MATTHEW J. MOORE, CTS

ADMINISTRATOR

DONNA L. RAFUS

SENIOR AND STAFF CONSULTANTS

ALEXANDER G. BAGNALL
ANDREW C. CARBALLEIRA
WILLIAM J. ELLIOT, LEED AP
AARON M. FARBO, LEED AP
JOHN T. FOULKES
MARK V. GIGLIO
DANIEL M. HORAN
BRION G. KONING
MICHAEL D. MAYNARD, CTS
CHRISTOPHER A. STORCH

MARKETING MANAGER

PATRICIA A. CASASANTO

ASSOCIATED CONSULTANTS

NICHOLAS BROWSE, SMPTE
STEWART RANDALL, CTS-D

July 23, 2010

Mr. Peter CL Roth
Senior Assistant Attorney General
State of New Hampshire
33 Capitol Street
Concord, New Hampshire 03301

Subject: Authorization of Services

Dear Mr. Roth,

Services for:

Proposed Groton Wind Farm, Groton, New Hampshire

Document Review

We have reviewed documents forwarded to us by e-mail and have made the following observations regarding the proposed wind farm:

1. We understand that the nearest non-participating receptors are relatively distant from the wind farm—distances ranging between 3,700 and 15,200 feet.
2. Predicted "worst-case" sound levels are 0 to 7 dBA above background. Background appears to be defined as the median 90th percentile A-weight sound level ($L_{90}(1\text{-hour})$) measured during 17 hours when the 58-m height wind speed was 9.3 m/s.
3. Existing background sound levels were measured over a two-week period during the summer when insects are likely active. Background sound levels during winter months are likely lower leading to a higher evaluation of impact (increase of ambient over pre-construction background).
4. Wind farm sound levels were lower than a variety of fixed limits which may not be suitable for evaluating wind farm noise impact.
5. Our general conclusion is that the analysis seems generally appropriate, but we suggest the following:
 - Verify the suitability of the method used to establish background sound level at potentially impacted receptors
 - Evaluate the allowable margin, defined as the appropriate maximum amount that wind farm sound levels may be permitted to exceed background at potentially impacted receptors.
 - Measure the background sound level during quieter winter months.

- Evaluate wind farm impact using the Epsilon CadnaA model, our suggested allowable margin, and quieter wintertime background sound levels.

Services proposed:

Technical studies:

1. Analyze documents and collected data to confirm appropriateness of background sound level determined..... \$500.00
2. Evaluate the allowable margin, i.e. the permitted increase in sound levels at non-participating receptors. \$1,500.00
3. Measure post-foliage background sound levels at the six locations monitored by Epsilon and up to two additional locations for two continuous weeks. Download data, analyze to determine wintertime background sound level. \$8,000.00
4. Evaluate potential noise impact using Epsilon CadnaA model and wintertime noise data. (This assumes that Epsilon would be permitted to share CadnaA data files.) .. \$3,500.00

Testimony-related services:

5. Prepare written prefiled testimony. \$2,000.00
6. Respond to up to three data requests (interrogatories). \$4,000.00
7. Attend one technical session to answer questions. \$2,000.00
8. Attend at a second technical session to help frame questions directed to their expert. \$2,000.00
9. Review applicant's rebuttal testimony and reports, and prepare a brief written outline. \$4,000.00
10. Appear at one evidentiary hearing for cross examination. \$2,000.00

The following are not included in the scope of work proposed here: attendance at meetings other than during proposed field visits and the three included meetings; evaluation of sound produced by systems or equipment not proposed as part of the Groton Wind Farm. We would be pleased to provide these addition services under a separate authorization.

Estimate Cost of Services

Technical studies:	\$13,500.00
Testimony-related services:	\$16,000.00
Total for scope of services proposed:	\$29,500.00

Payment Terms

Pursuant to New Hampshire Rev. Stat. Ann. 162-H:10, V, we understand and agree that this engagement is subject to approval of the New Hampshire Site Evaluation Committee, which approval Counsel for the Public undertakes to seek. Payment for all services and costs is to be borne by the project owner under and order to be obtained from the Committee. The State of

New Hampshire does not guarantee payment nor shall it be liable for any fees or costs of this engagement.

Billings for services are as described in the attached fee schedule. Please approve by signature below or by separate written authorization. If we can provide any further information, please do not hesitate to contact us. Thank you.

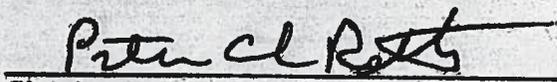
Yours sincerely,
CAVANAUGH TOCCI ASSOCIATES, INC.



Gregory C. Tocci, *President*

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Approved:
Office of the Attorney General
State of New Hampshire


Signature

Senior Assistant Attorney
Title Date

General *7/26/10*

CAVANAUGH TOCCI ASSOCIATES, INCORPORATED

327 F BOSTON POST ROAD, SUDBURY, MA 01776-3027 TEL: (978) 443-7871 · FAX: (978) 443-7873 E-MAIL: gtocci@cavtoci.com

**Groton Wind Farm
Groton, New Hampshire**

**Office of the Attorney General
State of New Hampshire**

Consulting Arrangements:

Standard Schedule of Charges

For all consulting assignments, invoiced costs for services are based on professional staff time spent and out-of-pocket expenses incurred during the course of the project. Professional staff time is charged on an hourly basis in accordance with the following rates. These rates include all indirect labor and other firm overhead costs:

Senior Principal Consultants	\$200 - \$225 per hour
Principal Consultants	\$150 - \$200 per hour
Senior Consultants	\$120 - \$150 per hour
Staff Consultants	\$100 - \$120 per hour
Technical Assistants	\$80 per hour

Professional staff time for travel to and from field conferences, project site measurements, and inspection visits are billed on a portal-to-portal basis from our offices in Sudbury, Massachusetts.

Direct project expenses are billed at cost and include all costs incurred for measurement instrumentation, computer modeling software use, and other significant charges directly associated with the consulting assignment. Expenses are billed at direct cost with no markup.

Invoices for services are billed on a monthly basis and are due net 30.

Effective 01 January 2010

EXHIBIT C

CURRICULUM VITAE

Trevor L. Lloyd-Evans

Address: Manomet Center for Conservation Sciences (MCCS), 81 Stage Point Road, (PO Box 1770), Manomet, Massachusetts 02345-1770; **Phone:** (508) 224-6521; **Fax:** (508) 224-9220; **E-mail:** tlloyd-evans@manomet.org. **Birthplace:** Oxford, England. **Birth date:** 5/24/46. **Citizenship:** U.S.A. & British.

Education: B.Sc. Honours (*magna cum laude*) 1965-1968 (Zoology), University of Wales, Swansea College (*Coleg y prifysgol, Abertawe*), Wales; Course work, qualifying and oral exams passed, Ph.D. not completed 1985-1992 (Ecology), Boston University, Boston, Massachusetts.

Employment: British Trust for Ornithology: Ornithologist, Bird Ringing and Migration office (1968-1969), Project Officer, Ornithological Hazards to Low Flying Aircraft (1969-1971). Manomet Center for Conservation Sciences: Senior Staff Biologist (1972-present), Conservation research and education in: avian migration, breeding ecology, physiology, taxonomy, evolution and conservation biology. Bird census and banding techniques, habitat evaluation, wetland impact studies. Proposal reviews for impact of wind turbine construction on birds and bats. Field experience in U.S.A. (incl. Alaska), Belize, British Isles, Canada, Eire, Nigeria, Portugal and Spain.

Teaching Experience: Teacher MCCS (1972-present) field biology techniques, analysis, behavioral ecology, conservation biology, taxonomy and evolution to a wide range of students (school, undergraduate, graduate, adult education). Faculty, Field Biology Training Program MCCS (1986-1997) teaching in Massachusetts and Belize, granting up to full semester credits through a consortium of U.S. Colleges.

Honorary Positions: Nuttall Ornithological Club, Cambridge, MA, Council, Vice-President, President (1977-1984); Partners in Flight, Committee Member N.E. Region (U.S.) and/or Commonwealth of Mass. (1995-present); Massachusetts Avian Records Committee, Member, Chair (1996-2003, 2010-present); North American (Bird) Banding Council, Committee, Trainer (1998-present).

Selected Publications and Reports:

Galbraith, H., C.C. Rimmer and T.L. Lloyd-Evans. 2010. Spring and fall migrations of the two races of Palm Warbler through New England. *Bird Observer* 38(1):12-15.

Miller-Rushing, A. J., T. L. Lloyd-Evans, R. B. Primack and P. Satzinger. 2008. Bird migration times, climate change and changing population sizes. *Global Change Biology* 14(9):1959-1972.

Litwin, T. S., T. L. Lloyd-Evans and B. Goettel. 2006. The Silvio O. Conte National Fish and Wildlife Refuge: Neotropical Migrant Bird Stopover Habitat Survey, ver. 2006.

Clark Science Center, Smith College, Northampton, Massachusetts. Online at <http://www.science.smith.edu/stopoverbirds/>

Lloyd-Evans, T. L. and J. L. Atwood. 2004. 32 years of changes in passerine numbers during spring and fall migrations in coastal Massachusetts. *Wilson Bull.* 116:1-16.

Rimmer, C. C., S. D. Faccio, T. L. Lloyd-Evans, J. M. Hagan. 2004. A comparison of constant-effort mist-netting results at a coastal and inland New England site during migration. *Studies in Avian Biology No.* 29:123-134.

Litwin, T. S., T. L. Lloyd-Evans, K. A. Halvorsen, B. Goettel, R. Cook, M. A. Szantyr, W. R. Petersen and C. C. Rimmer. 2003. Migrant use of the Connecticut River Valley, pp. 12-16 *in* Finding Birds in Western Massachusetts. Hampshire Bird Club. Amherst, Massachusetts.

Lloyd-Evans, T. L. 2003. White-eyed Vireo (*Vireo griseus*) and Prairie Warbler (*Dendroica discolor*) accounts, pp. 228-229 & 330-331 *in* Massachusetts Breeding Bird Atlas (W. R. Petersen and W. R. Meservey, eds.). Massachusetts Audubon Society.

Litwin, T. S., and T. L. Lloyd-Evans. 2002. Migrant bird stopover habitat survey of the Silvio O. Conte National Fish & Wildlife Refuge. Draft Final Report to U. S. Fish & Wildlife Service.

Hagan, J. M., T. L. Lloyd-Evans, J. L. Atwood and D. S. Wood. 1992. Long-term Changes in Migrating Landbirds in the Northeastern United States: evidence from migration capture data, pp. 115- 130. *In* Ecology and Conservation of Neotropical Landbirds (J. M. Hagan and D. W. Johnston, eds.). Smithsonian Inst. Press, Washington.

Hagan, J. M., T. L. Lloyd-Evans and J. L. Atwood. 1991. The Relationship between Latitude and Timing of Spring Migration of North American Landbirds. *Ornis Scandinavica* 22:129-136.

Lloyd-Evans, T. L. 1988. "Movements" section for *Hylocichla mustelina*, *Catharus guttatus*, *C. ustulatus*, *C. minimus*, *C. fuscescens* and *Turdus migratorius*, pp. 925-1024. *In* Handbook of the Birds of Europe, the Middle East and North Africa (S. Cramp, ed.). Oxford Univ. Press, New York.

Wasserman, F. E., T. L. Lloyd-Evans, S. P. Battista, D. Byman and T. H. Kunz. 1985. The Effect of Microwave Radiation (2.45 GHz CW) on the Molt of House Finches (*Carpodacus mexicanus*). *Space Solar Power Review* 5:261-270.

Lloyd-Evans, T. L. 1983. Incomplete Molt of Juvenile White-eyed Vireos in Massachusetts. *Journal of Field Ornithology* 54(1):50-57.

Williams, T. C., J. E. Marsden, T. L. Lloyd-Evans, V. Krauthamer and H. Krauthamer. 1981. Spring Migration studied by Mist-Netting, Ceilometer and Radar. *Journal of Field Ornithology* 52(3):177-190.

Lloyd-Evans, T. L., J. A. Hagar, B. A. Harrington and K. D. Powers. 1980. The Changing Seasons. *American Birds* 34(5):750-754.

Burton, H., T. L. Lloyd-Evans and D. N. Weir. 1970. Wryneck breeding in Scotland. *Scottish Birds* 6:154-156.

Additional co-authors: R. J. Dowsett (Zambia), J. S. Elkinton (University of Massachusetts), I. J. Ferguson-Lees (British Ornithologists Union), J. J. M. Flegg (British Trust for Ornithology), C. H. Fry (University of Aberdeen), R. E. Sharland (Nigeria).

Book Reviews:

Lloyd-Evans, T.L. 2009. Book Review: Identification Guide to North American Birds, Part II. *Condor* 111(4):764-766.

Lloyd-Evans, T.L. 1998. Book Review: Identification Guide to North American Birds, Part I. *Bird Observer* 26(4):192-195.

Lloyd-Evans, T.L. 1977. Book Review: Identification Guide to European Passerines, 2nd (revised) edition. *Wilson Bull.* 89(1):191-192.

Selected Conference Papers:

Lloyd-Evans, T.L. 2007. Avian Influenza: An Overview from the Manomet Center for Conservation Sciences. The New England Chapter of the Wildlife Society: Wildlife Diseases Conference. Turners Falls, Massachusetts.

Litwin, T.S., T.L. Lloyd-Evans and K.A. Halvorsen. 2007. Stopover Habitat Use by Neotropical Spring Migrant Landbirds in the Connecticut River Valley. *Wilson Ornithological Society*, Boston, Massachusetts.

Lloyd-Evans, T.L. 2005. Population Trends in Migrant Passerine Birds of the Northeast. Vermont-New Hampshire Birders Conference, Vermont Institute of Natural Science & New Hampshire Audubon Society, Lake Morey, Fairlee, Vermont.

Lloyd-Evans, T. L. 2005. Passerine Migration in New England: Habitat Selection and Changes in Numbers of Migrant Songbirds. Connecticut Ornithological Association, Middletown, Connecticut.

- Miller-Rushing, A. J., T. L. Lloyd-Evans, R. B. Primack. 2005. Changes in Bird Migration Times in Eastern North America. The Ecological Society of America, Montreal, Canada.
- Lloyd-Evans, T.L. and J.L. Atwood. 1999. An Analysis of 30 Years of Banding Data from Manomet. Association of Field Ornithologists and Inland Bird Banding Association, Ottumwa, Iowa.
- Hagan, J. M., T. L. Lloyd-Evans, J. L. Atwood and D. W. Wood. 1989. Detecting Population Changes using Migration Count Data: A Comparative Approach. Ecology and Conservation of Neotropical Migrant Landbirds, Woods Hole, Massachusetts.
- Atwood, J. L. and T. L. Lloyd-Evans. 1989. Common Yellowthroat (*Geothlypis trichas*) Spring Migration in Coastal Massachusetts: a Geographic Analysis. Ecology and Conservation of Neotropical Migrant Landbirds, Woods Hole, Massachusetts.
- Lloyd-Evans, T. L., J. L. Atwood and J. M. Hagan. 1988. Intraspecific variation in the timing of warbler migration in eastern Massachusetts. American Ornithologists Union, Fayetteville, Arkansas.
- Brokaw, N. V. L. and T. L. Lloyd-Evans. 1988. Distribution, abundance and site fidelity of nearctic migrants in five vegetational types in Belize. American Ornithologists Union, Fayetteville, Arkansas.
- Johnston, D.W. and T. L. Lloyd-Evans. 1987. Uropygial Glands of Tropical Suboscine Birds from Belize - Taxonomic and Evolutionary Perspectives. American Ornithologists Union, San Francisco, California.
- Lloyd-Evans, T. L. 1982. Long Term Fluctuations in Migratory Populations of Birds Associated with Eastern Spruce Budworm. 6th Annual Eastern Spruce Budworm Research Work Conference. Bangor, Maine.
- Lloyd-Evans, T. L. 1980. Timing of Molt in Passerine Birds from North Point, James Bay, Ontario. American Ornithologists' Union. Fort Collins, Colorado.
- Lloyd-Evans, T. L. 1980. Breeding Bird Censuses in Frequently Burned Pitch Pine/Scrub Oak Forest. U.S. Fish and Wildlife Service/National Forest Service Symposium. Asilomar, California.
- Lloyd-Evans, T. L. 1978. Post Juvenal Molt in Massachusetts House Finches. Wilson Ornithological Society. Jackson's Mill, West Virginia.
- Lloyd-Evans, T. L. 1978. Avian and Botanical Succession in the Regeneration from Fire in a Pitch Pine Forest. Eastern Bird Banding Association. Wilmington, North Carolina.

Lloyd-Evans, T. L. 1978. Developing the Research and Education Programs of a Nature Center. Litchfield Nature Center and Museum, Inc., Litchfield, Connecticut.

Lloyd-Evans, T. L. 1977. Breeding Bird Communities in Relation to the Vegetation of a Persistently Burned Pine/Oak Forest. American Ornithologists' Union. Berkeley, California.

Lloyd-Evans, T. L. 1971. Report on B.T.O./R.A.F. Gull/Aircraft Survey. British Trust for Ornithology. Derby, England.

David McGlinchey

81 Stage Point Road
PO Box 1770
Manomet, MA 02345
781-708-2682 (c)
508-224-6521 x232
dmoglinchey@manomet.org

PROFILE

Senior Program Leader for Energy and Environment at the Manomet Center for Conservation Sciences. Working to find the balance between renewable energy development, environmental conservation and societal acceptance. Previously led effort to form a renewable energy cooperative on Martha's Vineyard. Journalism background, including policy reporting in Washington D.C. Law degree with focused study of renewable energy, electric markets and business law.

EXPERIENCE

Senior Program Leader, Manomet Center for Conservation Sciences, Manomet, MA
April 2010 - Present

Leading a program that helps communities understand the benefits and impact of renewable energy development in order to facilitate better, and more efficient, decision making. Developing online information resource, regional conferences and on-the-ground education to support community decision making. Leading study of long-term wildlife management in transmission corridors and wind turbine sites.

Executive Director, Vineyard Energy Project, West Tisbury, MA — August 2008 – March 2010
Developed and launched community-owned cooperative focused on offshore wind power. Conducted financial and legal research and structuring for the cooperative and developed communications and outreach strategy. Managed staff, multiple programs and fundraising for renewable energy non-profit. Secured \$787,000 Department of Energy grant to develop smart grid pilot project on Martha's Vineyard.

Reporter, Government Executive Magazine (Atlantic Media), Washington, DC — 2003-2005
Wrote feature articles for *Government Executive* magazine on legal, public health and homeland security issues. Wrote daily articles and a weekly online column for GovExec.com. Hosted a weekly online chat session with federal employees to answer questions on pay and benefits issues. Wrote profiles for *National Journal* magazine on prominent federal officials. Trained and mentored incoming reporters.

Reporter, Global Security Newswire (Atlantic Media), Washington, DC — 2002-2003
Wrote daily articles on homeland security efforts for Web site. Wrote articles for *National Journal* on bioterrorism and homeland security, U.S. foreign policy and nuclear standoffs in North Korea and Iran.

Associate Editor, Inside the Army, Arlington, VA — 2001-2002
Wrote and edited articles on Army personnel and technology issues for industry news service. Established and maintained contacts with Pentagon officials and with congressional staff members.

Reporter, Leadville Herald-Democrat, Leadville, CO — 1999-2001
Wrote and edited articles on city, county and state governments, law enforcement, educational and environmental issues. Liaison to community leaders and civic organizations.

EDUCATION

Suffolk University Law School — J.D., 2009

* Evening Division * Business Law Concentration * Founder & Treasurer, Suffolk Law Rugby Club *

Wake Forest University — B.A., 1999

* Major in History * Minor in Journalism *

SPEECHES AND PANELS

Moderator: *Thinking Big About Island Energy*, Living Local Harvest Festival, West Tisbury, MA, September 2008

Speaker: *Renewable Energy on the Islands*, The Green Roundtable, Deeper Green and Regional View Committees, Boston MA, October 2008

Moderator: *Community Wind, (Em)Powering Martha's Vineyard*, Living Local Harvest Festival, West Tisbury, MA, October 2009

Panelist: *Ocean Energy Siting Legislation — What does it mean to Maine?*, Island Institute, Rockland, ME, November 2009

Speaker: *Community Wind: Delivering Benefits to Local Residents*, Cape and Islands Renewable Energy Collaborative, Brewster, MA, December 2009

Panelist: *Electricity Supply, Delivery & Utilization: Priorities for 100% Green Power*, Cape and Islands Renewable Energy Collaborative, Woods Hole, MA December 2009

Webinar Panelist: *Energy Co-ops: Structure and Benefits*, Waquoit Bay National Estuarine Research Reserve Energy in the 21st Century Webinar Series, January 2010

Speaker: *Regulatory Issues for State and Federal Offshore Wind Sites*, Vineyard Power Cooperative member meeting, Tisbury, MA, February 2010

Panelist: *Owning It: Local Energy Independence*, NESEA Building Energy Conference, Boston, MA, March 2010

EXHIBIT D



A WORLD OF SCIENCE doing
A WORLD OF GOOD

Peter C. L. Roth
Senior Assistant Attorney General
New Hampshire Department of Justice
33 Capitol Street
Concord, NH 03301-6397

7th July 2010

Dear Mr. Roth,

I am pleased to respond to your request for a budget to cover expert testimony for the Groton Wind Project. The agreed tasks are, briefly;

Review data requests to the Applicant in July	12 hrs
Provide Senior Staff Consultant for technical session in August	10 hrs
Review and file my testimony by 31 st August	30 hrs
Appearance to defend testimony late September	10 hrs
Attend hearing ca. 1 st November for cross examination	10 hrs
Act as technical expert to review any evidence at your request	28 hrs

TOTAL 100 hrs

I estimate travel expenses at one overnight in Groton and four round trips Manomet, MA to Groton, NH at the Federal per diem and mileage rates to be \$900.

Manomet Inc. Budget -- Expert Testimony for Groton Wind Project:

<u>Personnel</u>	<u>Rate</u>	<u>Hours</u>	<u>Total</u>
Manomet Sr. Scientist	\$120	100	\$12,000
Travel			
Expenses as required			\$900 (estimate)
Grand Total			<u>\$12,900</u>

Sincerely,

Trevor L. Lloyd-Evans
Senior Staff Biologist
Manomet Inc.

SERVICE LIST

Docket No. 2010-01

Application of Groton Wind, LLC

Sub-Committee Members

<p>Thomas Getz, Vice Chairman Site Evaluation Committee NH Public Utilities Commission 21 South Fruit St., Suite 10 Concord, NH 03301 Tom.Getz@puc.nh.gov</p>	<p>Robert Scott, Director Air Resources Division Department of Environmental Services 29 Hazen Dr., PO Box 95 Concord, NH 03302-0095 Robert.Scott@des.nh.gov</p>
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<p>Michael Harrington, Staff Engineer NH Public Utilities Commission 21 South Fruit St., Suite 10 Concord, NH 03301 michael.harrington@puc.nh.gov</p>	<p>Stephen Perry, Chief (designee) Inland Fisheries NH Fish and Game Department 11 Hazen Drive Concord, NH 03301 Stephen.Perry@wildlife.nh.gov</p>
<p>Eric Steltzer (designee) Energy Policy Analyst Office of Energy and Planning 4 Chenell Drive Concord, NH 03301 eric.steltzer@nh.gov</p>	<p>Charles Hood, Administrator (designee) Department of Transportation 7 Hazen Drive, PO Box 483 Concord, NH 03302-0483 charles.hood@dot.state.nh.us</p>
<p>Donald M. Kent, Administrator (designee) Dept. of Resources & Economic Dev. 172 Pembroke Rd., PO Box 1856 Concord, NH 03302-1856 DONALD.M.KENT@DRED.STATE.NH.US</p>	

Committee Members Not on Sub-Committee

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<p>Ted Austin, Director Division of Parks and Recreation Dept. of Resources & Economic Dev. 172 Pembroke Road, PO Box 1856 Concord, NH 03302-1856 Ted.Austin@dred.state.nh.us</p>	<p>Brad Simpkins, Director Division of Forests and Lands Dept. of Resources & Economic Dev. 172 Pembroke Road, PO Box 1856 Concord, NH 03302-1856 Brad.Simpkins@dred.state.nh.us</p>
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<p>Van McLeod, Commissioner Department of Cultural Resources 20 Park Street Concord, NH 03301-6314 Van.Mcleod@dcr.nh.gov</p>	<p>Joanne Morin, Director Office of Energy and Planning 4 Chenell Drive Concord, NH 03301 Joanne.Morin@nh.gov</p>
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Committee Staff

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Parties

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<p>Counsel for the Public</p> <p>Evan Mulholland, Esq Assistant Attorney General Environmental Protection Bureau Department of Justice 33 Capitol Street Concord, NH 03301 Evan.Mulholland@doj.nh.gov</p>	<p>Counsel for the Public</p> <p>Peter C.L. Roth, Esq. Senior Assistant Attorney General Department of Justice 33 Capitol Street Concord, NH 03301 Peter.Roth@doj.nh.gov</p>
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Intervenors

<p>Cheryl L. Lewis Baker River Campground, LLC 56 Campground Road Rumney, NH 03266 bakerriver@yahoo.com</p>	<p>Jim and Anne Buttolph 170 Quincy Road Rumney, NH 03266 JimButtolph@roadrunner.com</p>
<p>Laura A. Spector, Esq Atty for the Town of Groton Mitchell Municipal Group 25 Beacon Street East Laconia, NH 03246 laslaw@metrocast.net</p>	<p>H. Bernard Waugh, Esq. Attorney for the Town of Rumney Gardner Fulton & Waugh 78 Bank St Lebanon, NH 03766-1727 bernie.waugh@gardner-fulton.com and Ann.kerrigan@gardner-fulton.com</p>
<p>Kathleen Park 1819 Rumney Rte 25 Rumney, NH 03266 rwetterer@roadrunner.com</p>	<p>John L. McGowan, Esq. Attorney for the Town of Plymouth DTC Lawyers Donahue, Tucker & Ciandella, PLLC 225 Water Street Exeter, NH 03833 jmcgowan@dtclawyers.com</p>
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Interested Parties

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