

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Petition of BNE Energy Inc. for a
Declaratory Ruling for the Location,
Construction and Operation of a 3.2 MW
Wind Renewable Generating Project on
New Haven Road in Prospect,
Connecticut ("Wind Prospect")

Petition No. 980

March 2, 2011

**PETITIONER BNE ENERGY INC.'S AMENDED INTERROGATORY RESPONSES
TO SAVE PROSPECT CORP.'S SECOND SET OF INTERROGATORIES**

Petitioner BNE Energy Inc. ("BNE") submits the following amended response to interrogatory #59 issued by Save Prospect Corp.

Q59. Please describe the impact of the proposed wind turbines on the 12 bird species (both in terms of breeding and migratory use) that are listed as species of conservation concern by national conservation organizations and the CT Department of Environmental Protection due to declining populations.

A59. No sensitive or protected species were recorded during scheduled breeding bird surveys. A review of all publically available fatality monitoring data from the United States was completed to assess the level of impacts to all state listed threatened, endangered and sensitive species, in addition to the twelve species of conservation concern requested in the interrogatory. These twelve species are not listed by the state of Connecticut as threatened, endangered or species of concern. Fatality monitoring studies included in the meta-analysis were generally completed during spring and fall migration seasons in addition to the breeding bird season. A total of 76 studies were analyzed, of which 21 studies were completed in the Northeastern region. The number of fatalities of each species included in the analysis observed at operating projects have been low and are described in the table below. Impacts to the 12 species of conservation concern have ranged from zero (Baltimore oriole) to 13 (Eastern kingbird) fatalities recorded from all 76 studies included in the analysis. The majority of fatalities were observed outside of the Northeastern United States and occurred at projects considerably larger than that of Wind Prospect. For example, horned lark fatalities were reported at 34 facilities located primarily in the western US (in states with non-listed populations), with only one eastern facility reporting casualties. The vast majority of formal post-construction mortality studies completed in the United States have been completed at facilities with substantially larger numbers of turbines and MW capacity. For example, the mean project size for studies below is 53.8 turbines (range: 3-195).

Species	State Status	# of Fatalities	# of facilities in the US (76) where fatalities have been recorded	# of facilities in the Northeast(21) where fatalities have been recorded
Grasshopper sparrow	E	4	4	0
Long-eared owl	E	4	4	0
Upland sandpiper	E	2	2	1

American bittern	E	0	0	0
Common nighthawk	E	6	3	0
Northern harrier	E	3	3	0
Sedge wren	E	0	0	0
Horned lark	E	550	34	1
Common moorhen	E	2	2	0
Yellow-breasted chat	E	0	0	0
Black rail	E	0	0	0
Red-headed woodpecker	E	0	0	0
Pied-billed grebe	E	0	0	0
Vesper sparrow	E	19	8	0
King rail	E	0	0	0
Roseate tern	E	0	0	0
Barn owl	E	15	6	0
Golden-winged warbler	E	0	0	0
Seaside sparrow	T	0	0	0
Blue-winged teal	T	3	3	0
Great egret	T	0	0	0
Short-eared owl	T	15	11	0
Piping plover	T	0	0	0
Snowy egret	T	0	0	0
Peregrine falcon	T	0	0	0
American kestrel	T	162	26	3
American oystercatcher	T	0	0	0
Bald eagle	T	0	0	0
Least bittern	T	0	0	0
Purple martin	T	9	3	2
Least tern	T	0	0	0
Northern saw-whet owl	SC	0	0	0
Saltmarsh sharp-tailed sparrow	SC	0	0	0
Henslow's sparrow	SC	0	0	0
Broad-winged hawk	SC	3	3	3
Whip-poor-will	SC	0	0	0
Bobolink	SC	21	7	7
Little blue heron	SC	0	0	0
Alder flycatcher	SC	1	1	1
Common loon	SC	0	0	0
Eskimo curlew	SC	0	0	0
Yellow-crowned night-heron	SC	0	0	0
Northern parula	SC	2	1	1
Savannah sparrow	SC	23	12	4
Ipswich sparrow	SC	0	0	0
Glossy ibis	SC	0	0	0
Common tern	SC	0	0	0
Eastern meadowlark	SC	2	2	0
Brown thrasher	SC	0	0	0
Sharp-Shinned Hawk		8	7	5
Eastern Towhee		4	3	2
Field Sparrow		2	2	1
Indigo Bunting		3	3	3
Eastern Kingbird		13	9	6
Rose-breasted Grosbeak		6	4	2
Scarlet Tanager		3	3	3
Wood Thrush		4	2	1
Black-throated Green Warbler		7	7	6
Chestnut-sided Warbler		9	5	4
Ovenbird		8	7	6

Baltimore Oriole
Chimney Swift

0
7

0
6

0
3

BNE ENERGY INC.

By: /s/ Carrie L. Larson
Attorney For BNE Energy Inc.
Carrie L. Larson, Esq.
clarson@pullcom.com
Pullman & Comley, LLC
90 State House Square
Hartford, CT 06103-3702
Ph. (860) 424-4312
Fax (860) 424-4370

Certification

This is to certify that a copy of the foregoing has been mailed this date to all parties and intervenors of record.

Mayor Robert Chatfield
Town Office Building
36 Center Street
Prospect, CT 06712-1699

Jeffrey Tinley
Tinley, Nastri, Renehan & Dost LLP
60 North Main Street
Second Floor
Waterbury, CT 06702

Thomas J. Donahue
Killian & Donahue, LLC
363 Main Street
Hartford, CT 06106

Nicholas J. Harding
Emily A. Gianquinto
Reid and Riege, P.C.
One Financial Plaza
Hartford, CT 06103

Andrew W. Lord
Murtha Cullina LLP
CityPlace I
185 Asylum Street
Hartford, CT 06103

John R. Morissette (*Electronic format only*)
Manager-Transmission Siting and Permitting
The Connecticut Light & Power Company
P.O. Box 270
Hartford, CT 06141-0270

Christopher R. Bernard (*Electronic format only*)
Manager-Regulatory Policy (Transmission)
The Connecticut Light & Power Company
P.O. Box 270
Hartford, CT 06141-0270

Joaquina Borges King (*Electronic format only*)
Senior Counsel
The Connecticut Light & Power Company
P.O. Box 270
Hartford, CT 06141-0270

/s/ Carrie L. Larson
Carrie L. Larson

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