

Wildlife & Wind Power Guidance on Site Selection: Submitted by Maine Audubon Stakeholder Committee – October 2007

Wildlife Themes	Coarse Screening Analysis or “Consultation”	Pre Construction Studies/Data Gathering	Potential for Unreasonable Adverse Impact High: Substantial likelihood of unreasonable adverse impact which may result in project denial. (Moderate & Low to be Determined)	Post Construction Studies
<i>Unique Natural Communities</i>	Review state-wide database for presences of G1, G2, S1 and S2 imperiled communities	Field surveys as appropriate	High: MNAP imperiled communities (G1, G2 & S1)	none
<i>Large Blocks of Interior Forest Habitat</i>	Review of <i>Beginning with Habitat</i> maps where available	. LURC forested areas: Characterize forest landscape surrounding project area (25-50,000 acres) to determine how development fits into surrounding landscape	High: <ul style="list-style-type: none"> • "Core" of <i>Beginning with Habitat Focus Areas</i> • "Core" of LURC un-fragmented area 	none
<i>Significant wildlife habitat</i>	Compile relevant habitats from DIFW data base of Significant wildlife habitat	Field surveys if appropriate: <ul style="list-style-type: none"> • Wetland delineations • Significant vernal pools identification • Avian studies etc. 	High: <ul style="list-style-type: none"> • High and moderate value SWH 	Monitoring studies
<i>Endangered and threatened animals or other special concern species</i>	Review DIFW Essential Habitat maps Consult with USFWS & DIFW	E&T field surveys when appropriate	High: Essential Habitats for endangered or threatened species.	Bicknell’s thrush: population response
<i>Bird and bat migration</i>	Project size and location considerations	Estimates of migrants as appropriate: both spring and fall Mobile marine radar surveys Nexrad where appropriate Acoustical bat detectors Reference sites Weather conditions	Data not currently available to make a definitive determination on any given site. Pre and Post construction studies may be needed.	Bird and bat activity studies as appropriate: Radar and acoustical studies: Bird and bat mortality studies: Scavenging Rate Control Tests Searcher efficiency Rate control tests Reporting requirements