

## Appendix 6

### Mitigation measures prescribed in the consents for windfarms given by RIEW Varna

(no one of the consents is issued after the adoption of the recommendation 130/2007 of the Bern Convention)

Mitigation measure	Investor	INOS1 Windfarm	Vektor Delta Windfarm	Vertikal Petkov Windfarm	Universum Windfarm	Geopower Windfarm	Eolica windfarm
Location in Kaliakra IBA		yes	yes	yes	yes	yes	no
Year of consent given by RIEW		2005	2005	2005	2005	March 2007	March 2007
Decreasing of the number of turbines and reducing their total high.						x	
Reallocation of the turbines as far as possible along straight lines and following direction North – South, which is the dominating direction of the bird migration.			x			x	
Reallocation of some of the turbines to more appropriate sites, including reallocation at certain distance away from the borders of forest range and landscape elements playing a role of ecological corridors.	~				~		x
The construction activities are to be completed during the daylight of the day and out of the period of autumn migration in order to decrease the disturbance on the birds and the other vespertine fauna.					Only first part of the mitigation measure ie no construction during daylight	Only second part of the mitigation measure ie no construction during the autumn migration period	Only second part of the mitigation measure ie no construction during the autumn migration period
Giving instructions to the builders regarding the protection of the fauna and flora during the construction of the wind generators.							
Limitation of the speed of the vehicles during the construction activities aiming protection of the low-mobile representatives of the fauna.							
Installation of protective elements, preventing alighting of the birds on the power lines connecting the substation to the power transmission network.							
Providing with RADAR systems			x	x	x	x	
Continuous work of the RADAR systems and switching off the generators under bird passing over the sites.			x	x	x	x	
Disassembling of the risk generators under proved high bird death-rate.						x	x
Appropriate painting of the generators	x	x	x	x	x	x	x
Securing unimpeded movement of the small animals	x			x	x		
The construction should be performed out of the bird breeding period	x	x	x		x		
Carrying out of annual ornithological monitoring	x <sup>1</sup>	x	x <sup>1</sup>		x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>
Completing of basic and following monitoring on the ornithological fauna on the site and around it, and if necessary a prescription of measures in order to reduce the adverse impact of the constructions.							
Determination, if necessary of special regime of generator operation, conformed with the results from the bird monitoring.							
Submission of the monitoring reports to RIEW – Varna for information, realization of control and methodical assistance under the prescription of the most suitable measures.	x	x	x			x	
Recuperation of the soil after construction of the wind farm park	x				x	x	x

1 – one-year monitoring

x – the mitigation measure in the consent is the same as presented in the same form as the condition included in the Governmental report to Bern Convention

~ - the mitigation measure in the consent is different from the presented one in the Governmental report to Bern Convention, but the meaning is the same