

## Solar Power Generation Facility Siting Requirements

### *Overview*

*The table below is a high level summary of the major elements of the planning ordinances in Lake County and a Model Ordinance. Detailed ordinance language can be found in the Lake County Zoning Ordinance and in the Model Ordinance. The planning ordinances provide the most complete information and can be found at the Lake County website; [www.lakecountyor.org](http://www.lakecountyor.org). The Model Ordinance can be found at <http://www.oregon.gov/ENERGY/SITING/docs/ModelEnergyOrdinance.pdf>.*

<b>Topic</b>	<b>Lake County</b>	<b>Model Ordinance</b>
<b>Surface Run-off</b>	Facilities shall be designed and operated so as to collect, channel, or otherwise control surface run-off in order to avoid ponding, increased run-off velocity, gullying, or other adverse run-off conditions.	None
<b>Ground Leveling</b>	Facilities shall limit massive ground leveling only to those areas needed for heliostat and structure installation.	Project has been designed and would be constructed so that ground leveling is limited to those areas needed for effective solar energy collection and so that the natural ground contour is preserved to the greatest extent practical.
<b>Heliostat Cleaning Solvent</b>	Any cleaning solvent used in heliostat washing is applied, collected, and disposed of in compliance with all applicable state and federal environmental quality standards.	All chemicals or solvents used to clean...would be low in volatile organic compounds and the operator would use recyclable or biodegradable products to the extent possible.

<b>Misdirected Solar Radiation</b>	Facilities shall be designed and operated so as to prevent inadvertent focusing of the reflected concentrated beam of heliostats on nearby persons or property.	Project would be operated to prevent the misdirection of concentrated solar radiation onto nearby property, public roads or other areas accessible to the public.
<b>Airport Proximity</b>	Facilities shall not be located adjacent to, or within the control zone of, any airport.	The proposed solar energy project is not located adjacent to, or within, the control zone of any airport.
<b>Acreage</b>	None	Project would occupy less than [40] acres of land zoned for commercial or industrial use or less than [20] acres on land zoned for Exclusive Farm Use.
<b>Wildlife Resources</b>	Facilities shall be designed, operated, and monitored, so as to protect surrounding fish and wildlife resources as much as practical.	Project has been designed to reduce the likelihood of significant adverse effects on wildlife habitat.
<b>Public Safety</b>	Facilities shall be designed so as to be capable of withstanding, without failure, reasonably expected structural loads.	Project has been designed and will be operated to protect public safety, including development and implementation of a plan of operating procedures to prevent public access to hazardous areas.

Sources: Lake County Zoning Ordinance & A Model Ordinance for Energy Projects from the Oregon Department of Energy