



General Assembly of the Commonwealth of Pennsylvania
Joint State Government Commission
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***Summary of the Staff Report in Response to
House Resolution No. 925 of 2014***

**Comprehensive Study on the Use of Wind Turbines:
A Staff Study**

Under 2014 House Resolution No. 925, the Joint State Government Commission comprehensively studied the use of wind turbines in this Commonwealth. The staff study details the number of wind turbines in Pennsylvania and who owns or operates them. Sources and amounts of subsidies from the U.S. and Commonwealth governments are included for several sources of energy. The imprint acreage and effects on wildlife are discussed for these same sources of energy. It is important to note that exploiting any source of energy generates consequences to the natural environment. Wind turbines' impact on the electric grid is detailed along with governmental oversight on wind energy. The progress of wind energy is also related as an alternative source of power.

Wind energy is more specifically regulated locally than it is by the Commonwealth. Prospectively, the electric power grid that serves the Commonwealth should not have significant problems operating on up to 30 percent of energy generated by wind and solar. Pennsylvania energy companies comply with Pennsylvania Alternative Energy Portfolio Standards Act.

The full report is available on our website, <http://jsg.legis.state.pa.us/>