

**SHB 1008** - S COMM AMD

By Committee on Environment, Water & Energy

1 Strike everything after the enacting clause and insert the  
2 following:

3 "NEW SECTION. **Sec. 1.** (1) The legislature finds that: (a) Wind  
4 energy is an abundant, renewable, and nonpolluting energy resource; (b)  
5 when converted to electricity, wind energy reduces dependence on  
6 nonrenewable energy resources and reduces air and water pollution that  
7 result from conventional sources; (c) distributed small wind energy  
8 systems also enhance the reliability and power quality of the power  
9 grid, reduce peak power demands, increase in-state electricity  
10 generation, diversify the state's energy supply portfolio, and make the  
11 electricity supply market more competitive by promoting consumer  
12 choice; (d) small wind energy systems, designed for on-site home, farm,  
13 and small commercial use, are an excellent technology to help achieve  
14 the goals of increased in-state electricity generation, reduced demand  
15 on the state electric grid, increased consumer energy independence, and  
16 nonpolluting electricity generation; and (e) implementation of local  
17 standards to achieve the timely and cost-effective installation of  
18 small wind energy systems is a matter of statewide concern.

19 (2) It is the intent of the legislature to reduce a known barrier  
20 to small wind energy generation systems, namely, that many local  
21 government jurisdictions have either an outdated permitting process or  
22 code, or no permitting process or code for the safest permitting  
23 standards for small wind energy systems.

24 (3) It is the intent of the legislature that this act apply to all  
25 local agencies.

26 NEW SECTION. **Sec. 2.** The definitions in this section apply  
27 throughout this act unless the context clearly requires otherwise.

28 (1) "Local agency" means any county, city, town, or local entity in

1 the state of Washington with authority to enact construction or  
2 building ordinances or otherwise conduct construction or building  
3 permitting or zoning.

4 (2) "Meteorological tower" is defined to include the tower, base  
5 plate, anchors, guy cables and hardware, anemometers (wind speed  
6 indicators), wind direction vanes, booms to hold equipment anemometers  
7 and vanes, data logger, instrument wiring, and any telemetry devices  
8 that are used to monitor or transmit wind speed and wind flow  
9 characteristics over a period of time for either instantaneous wind  
10 information or to characterize the wind resource at a given location.

11 (3) "Small wind energy system" means a wind energy system that:  
12 (a) Is used to generate electricity;  
13 (b) Has a nameplate capacity of one hundred kilowatts or less; and  
14 (c) Has a total height of one hundred seventy feet or less.

15 (4) "Total height" means the vertical distance from ground level to  
16 the tip of a wind generator blade when the tip is at its highest point.

17 (5) "Tower" means the monopole, freestanding, or guyed structure  
18 that supports a wind generator.

19 (6) "Wind energy system" means equipment that converts and then  
20 stores or transfers energy from the wind into usage forms of energy.  
21 This equipment includes any base, blade, foundation, generator,  
22 nacelle, rotor, tower, transformer, vane, wire, inverter, batteries, or  
23 other component used in the system.

24 (7) "Wind generator" means blades and associated mechanical and  
25 electrical conversion components mounted on top of the tower.

26 NEW SECTION. **Sec. 3.** The department of community, trade, and  
27 economic development shall prepare a report that compiles the  
28 installation and siting ordinances and permitting requirements of local  
29 agencies regarding small wind energy systems and meteorological towers.  
30 The report must include an analysis of the application of these  
31 standards to determine whether they provide for timely and appropriate  
32 review of such systems and towers that are consistent with the findings  
33 of the statewide interest as declared in section 1 of this act. The  
34 report must also include the department's recommendations for any  
35 further legislative action, if any, to enact an expedited siting and  
36 permitting system to preempt local regulation in cases where local  
37 governments are unnecessarily impeding the installation of small wind

1 energy systems and meteorological towers. The report must be made to  
2 the energy and local government standing committees of the senate and  
3 house of representatives by December 31, 2010."

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4 On page 1, line 1 of the title, after "standards;" strike the  
5 remainder of the title and insert "and creating new sections."

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