

**Testimony of John Humphries  
Before the Energy and Technology Committee**

*In Support of HB6023, An Act Concerning Distributed Generation*

*Submitted by  
John Humphries, Organizer; CT Roundtable on Climate and Jobs  
February 28, 2015*

Senator Paul Doyle, Representative Lonnie Reed, and distinguished members of the committee:

I write in support of Proposed H.B. No. 6023, An Act Concerning Distributed Generation. This bill would increase deployment of clean distributed generation (DG) energy resources by ensuring that consumers and businesses with clean DG resources are adequately compensated for the value they provide. I urge development of a methodology for determining the value clean DG energy resources provide to the grid, ratepayers, and society, and establishment of a clean DG tariff.

Clean DG resources (including solar, wind, fuel cells, and combined heat and power) are essential to transition Connecticut away from fossil fuels to a clean energy economy. We need clean DG to help the state meet the goals established in the Comprehensive Energy Strategy and in the Global Warming Solutions Act, which requires the state to reduce our GHG emissions to 80% below 2001 levels by 2050. The state should take action to promote clean DG and ensure that Connecticut residents and businesses are adequately compensated for the value of these clean energy technologies.

Clean DG energy resources provide a wide range of benefits. First, they reduce local air pollution and greenhouse gas emissions, which harm public health and the environment. Second, they are highly efficient. The power generated from clean DG resources is consumed onsite or nearby, so there are low transmission losses. Third, clean DG takes pressure off the grid by reducing the need for new generation and new transmission infrastructure. Fourth, clean DG increases grid reliability and durability by adding clean, renewable sources of electricity that are less vulnerable to storm-related impacts. Finally, a rapid expansion of clean DG will create jobs in the renewable energy sector (*e.g.*, the manufacture of fuel cells, and the installation of solar panels and combined heat and power systems).

Thank you for your consideration.

Sincerely,  
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