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see-it Smartville™

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### UEA Action 1: Achieve renewable energy target

scorecard benchmark information feedback video

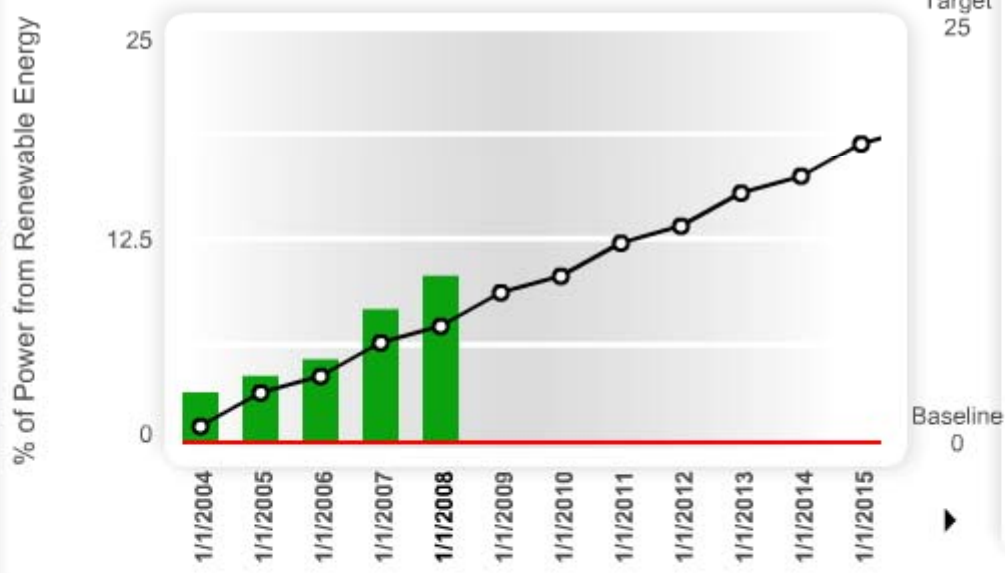
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#### Target Statement

Smartville has adopted the target of providing 25% of its power from renewable energy by 2020.

#### Overview

UEA Action 1 is to adopt and implement a policy to increase the use of renewable energy to 10% of your city's peak load within seven years (by 2012).  
Smartville achieved this goal in 2008.



## UEA Action 1: Achieve renewable energy target

scorecard

benchmark

information

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video

### Summary Information

"Green power" generally refers to electricity supplied in whole or in part from renewable energy sources, such as wind and solar power, geothermal, hydropower, and various forms of biomass. The use of renewable energy has numerous economic, social and ecological benefits, chief among which is the reduction of the burning of fossil fuels - such as coal, oil, and natural gas - that contribute to air pollution and climate change.

The Hawaii Clean Energy Initiative is leading the way with their commitment to have 70% of its energy needs supplied by renewable resources by the year 2030. See the link below and video tab (above) for more information.

A wide variety of renewable energy programs are currently in place throughout North America, such as:

- The Solar America Cities Program whose 25 participant cities receive funding from the US Department of Energy to accelerate the adoption of solar energy. The goal of the program is to make solar photovoltaics cost-competitive with conventional electricity by 2015. <http://www.solaramericacities.org>
- The US EPA Green Power Partnership Program that provides resources and technical support to organizations to purchase green power. More info at <http://www.epa.gov/greenpower/>
- The US Department of Energy's Energy Efficiency and Renewable Energy Program provides funding, links and resources. More info at <http://www.eere.energy.gov/>

External Link [http://www1.eere.energy.gov/office\\_eere/hawaii\\_clean\\_energy.html](http://www1.eere.energy.gov/office_eere/hawaii_clean_energy.html)

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