



Smart appliances development for improved system operation and households empowerment

CEER Public hearing – Economic signals for DSOs and customers - 30 March 2015

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An aerial photograph of a suburban neighborhood, showing several houses with grey roofs and green lawns, interspersed with paved roads and parking areas. The scene is captured from a high angle, looking down on the community.

Households: actors of the future electricity system

A man with glasses is shown in profile, looking towards a glowing lightbulb he is holding. The scene is dimly lit, with the lightbulb providing the primary source of illumination, casting a warm glow on his face and glasses. The background is dark, making the lightbulb stand out prominently.

**Conditions: consumers
don't want to lose control
over their homes**

Citizens
must
receive
their share
of the
benefits

16.41
38.15
9.43

\$ 282.27



Households'
flexibility will
be a solution
to DSOs'
future
constraints

Need for a single and simple communication structure

A close-up photograph of a network patch panel. The panel is filled with numerous RJ45 ports, each labeled with a number. A dense and somewhat chaotic network of blue, orange, and white Ethernet cables is plugged into these ports. The cables are bundled together in some areas, while others hang loosely. The overall appearance is one of a complex, interconnected network infrastructure.



Thank you for your attention

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