



Intelligent Efficiency: Baseload and Peaking Capacity Resources.

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The Northwest Energy Efficiency Alliance

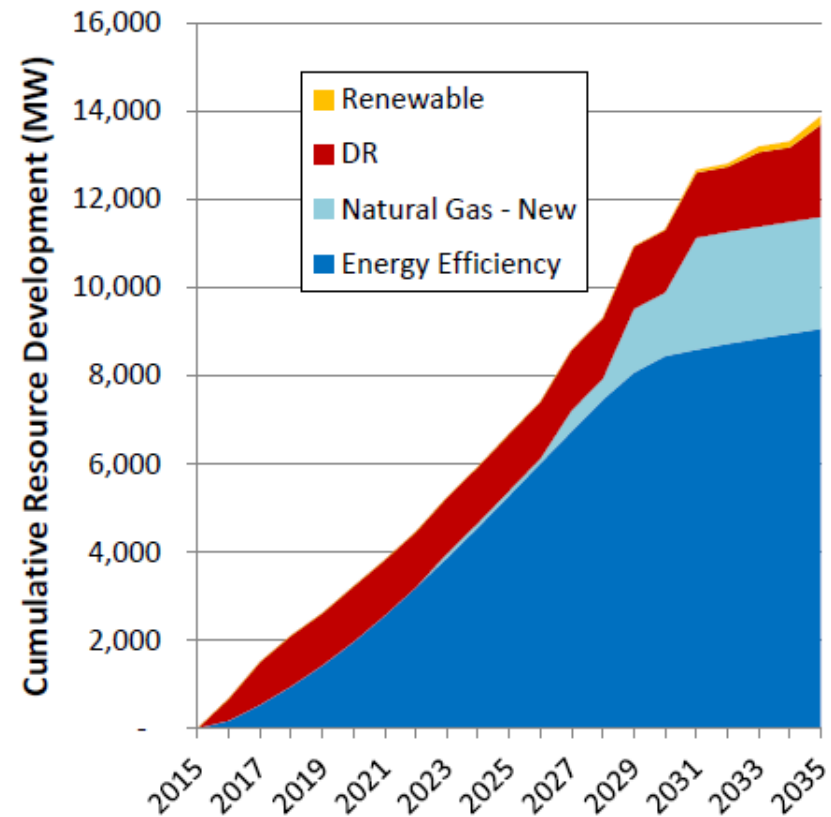
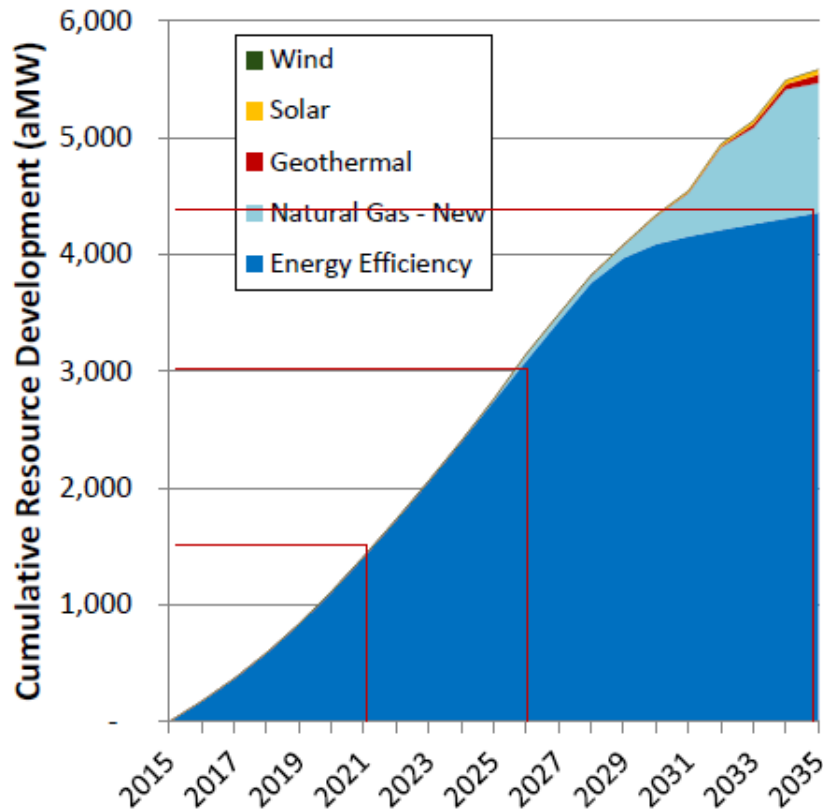


Intelligent Efficiency: A Northwest Perspective - Three Main Ideas

1. Meeting Integrated Resource Planning energy efficiency goals will provide majority of capacity needs
2. Additional DR capacity from embedded DR/DER capability available for almost no incremental cost
3. Increased EE leverages natural physics that make DR more effective

First Things First: Energy Efficiency as Firm Capacity/Baseload Resource

IRP: Capacity built-out as secondary benefit of EE resource development.



Source: Northwest Power and Conservation Council – 7th Power Plan – April 2016

Meet the New Resource Developers: Energy Efficient Products with DR capability -

Interactivity Built-in



Sensor Spatial Granularity

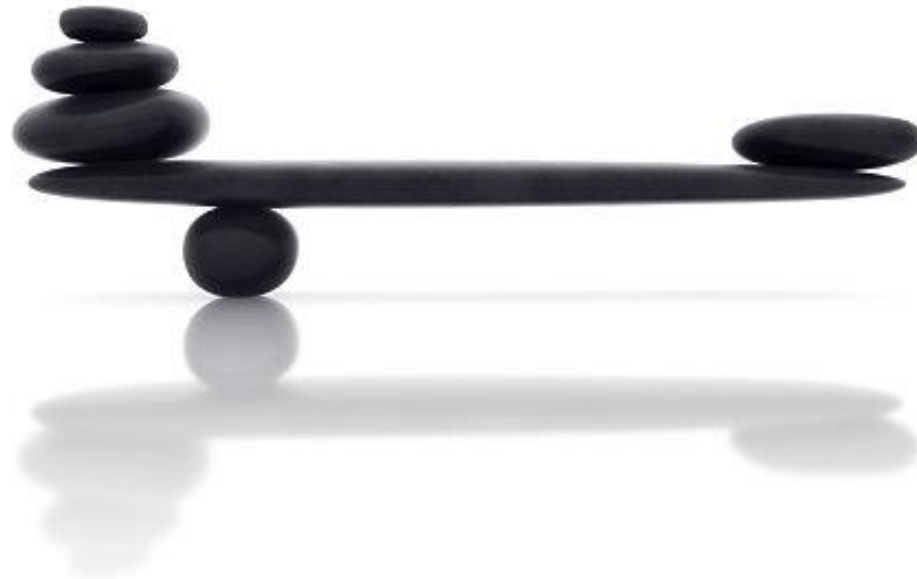


Networks

Variable Capacity



Leveraging Physics: Efficiency Enhances DER Capability





Thank You!
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TOGETHER *We Are Transforming the Northwest*

