



Power System Flexibility – Integrating the Customer

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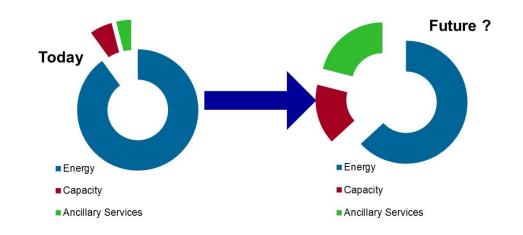


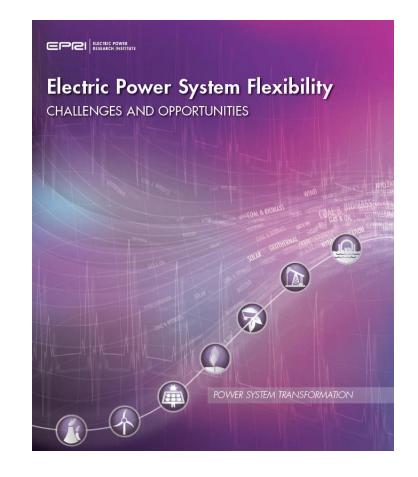


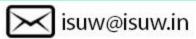
Flexibility – key to the energy transition



- The need for flexibility
- Sources of flexibility
- Getting flexibility from distributed resources, communities and customers
- Challenges in making this work





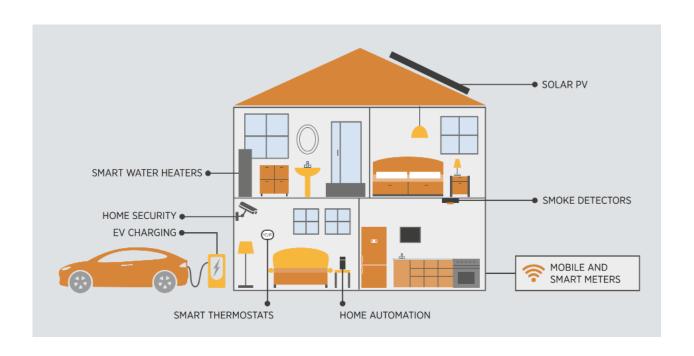


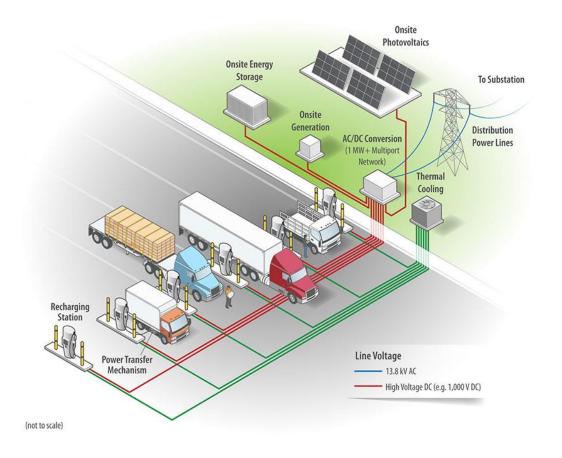




Example – Smart home/community provides energy optimization, flexibility, resiliency













Flexibility as a value stream for smart communities



Alabama Power Smart Neighborhood (Birmingham)





ESB Networks – The Dingle Transition **Initiative**



Australian Smart Tech Home of the Future

Exelon Com Ed -**Bronzeville Smart** Community









