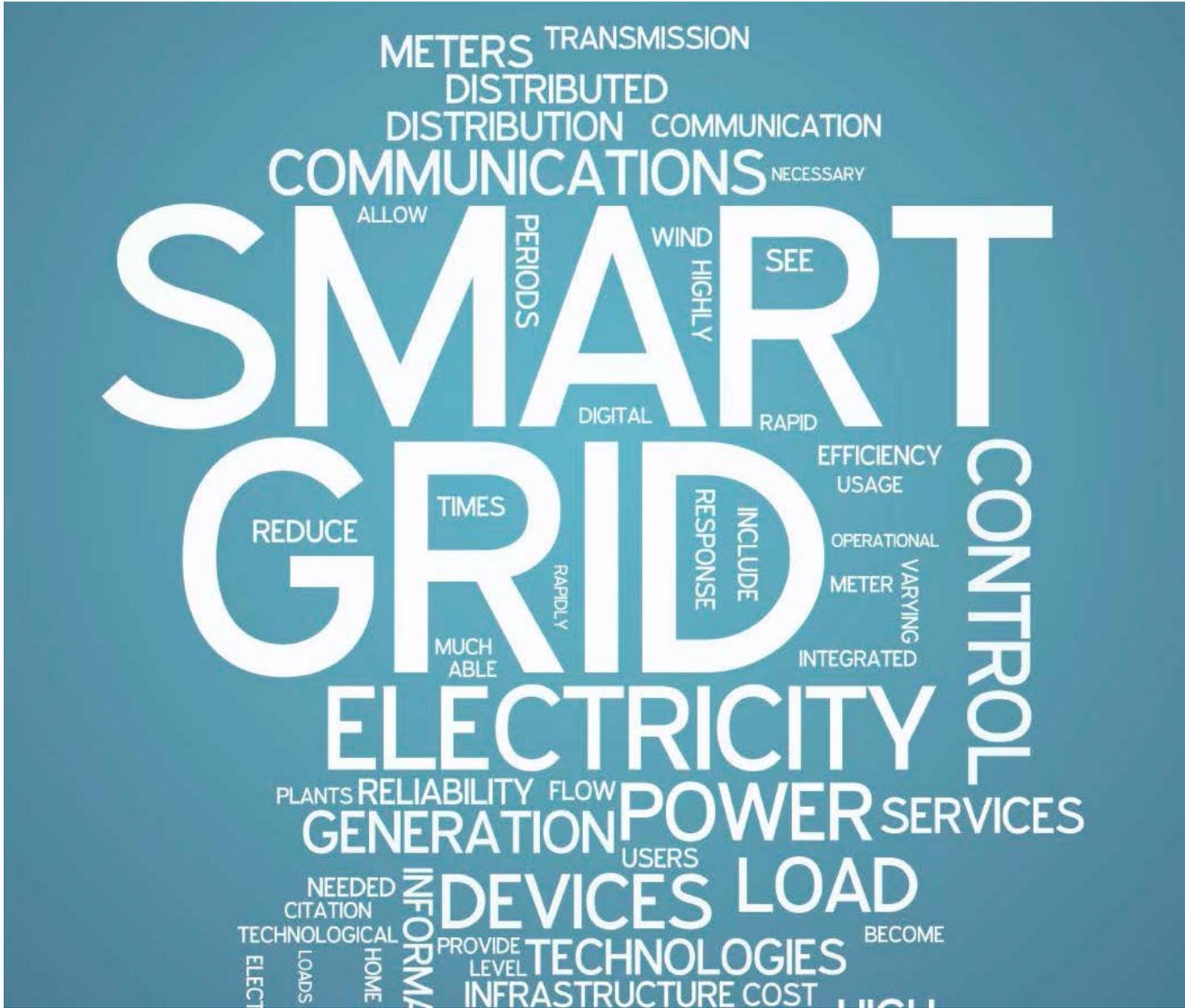


Smart Grid Resilience

Brookhaven National Labs

April 17, 2015

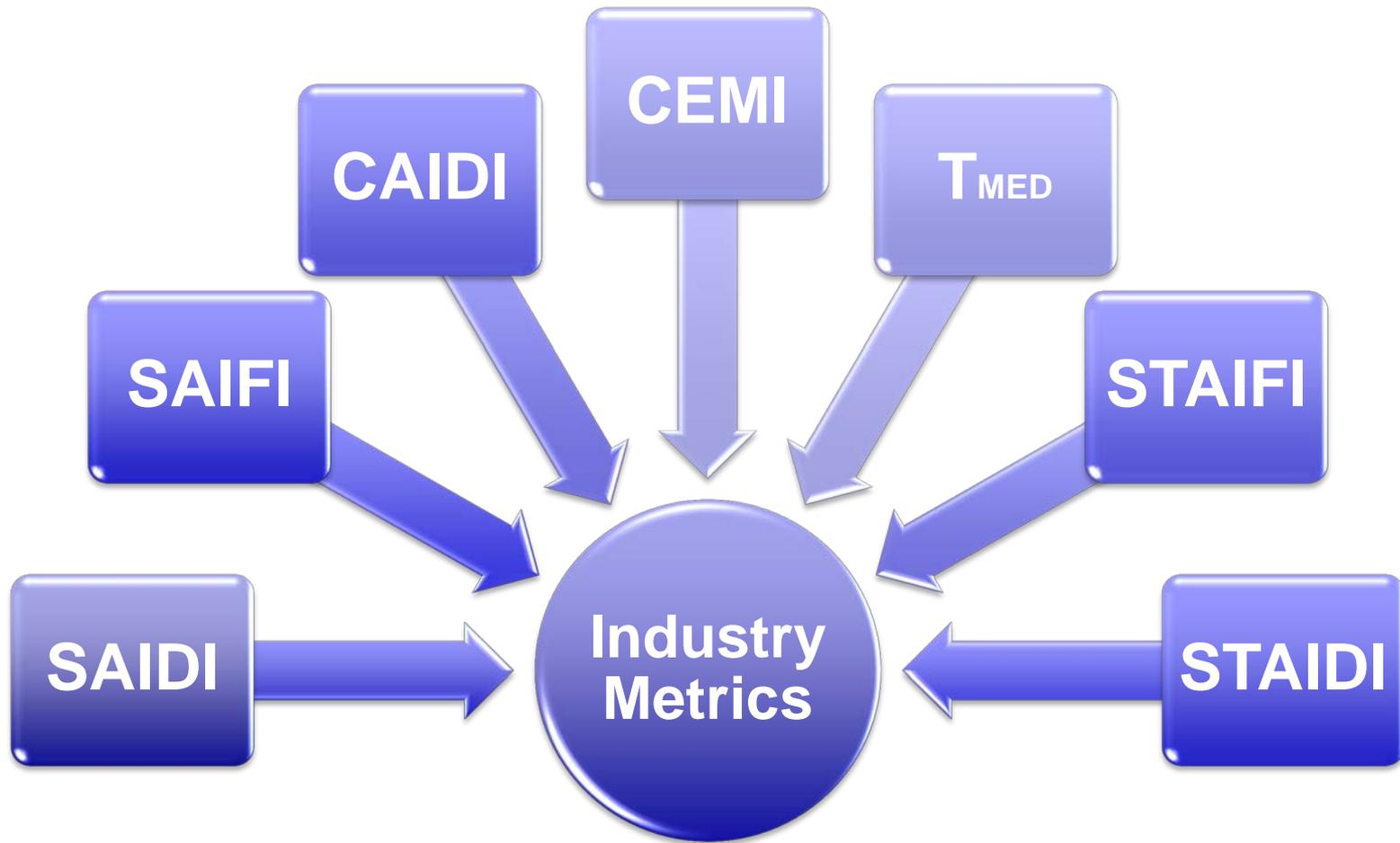


<http://energy.gov/sites/prod/files/2014/12/f19/SGIG-SGDP-Highlights-October2014.pdf>

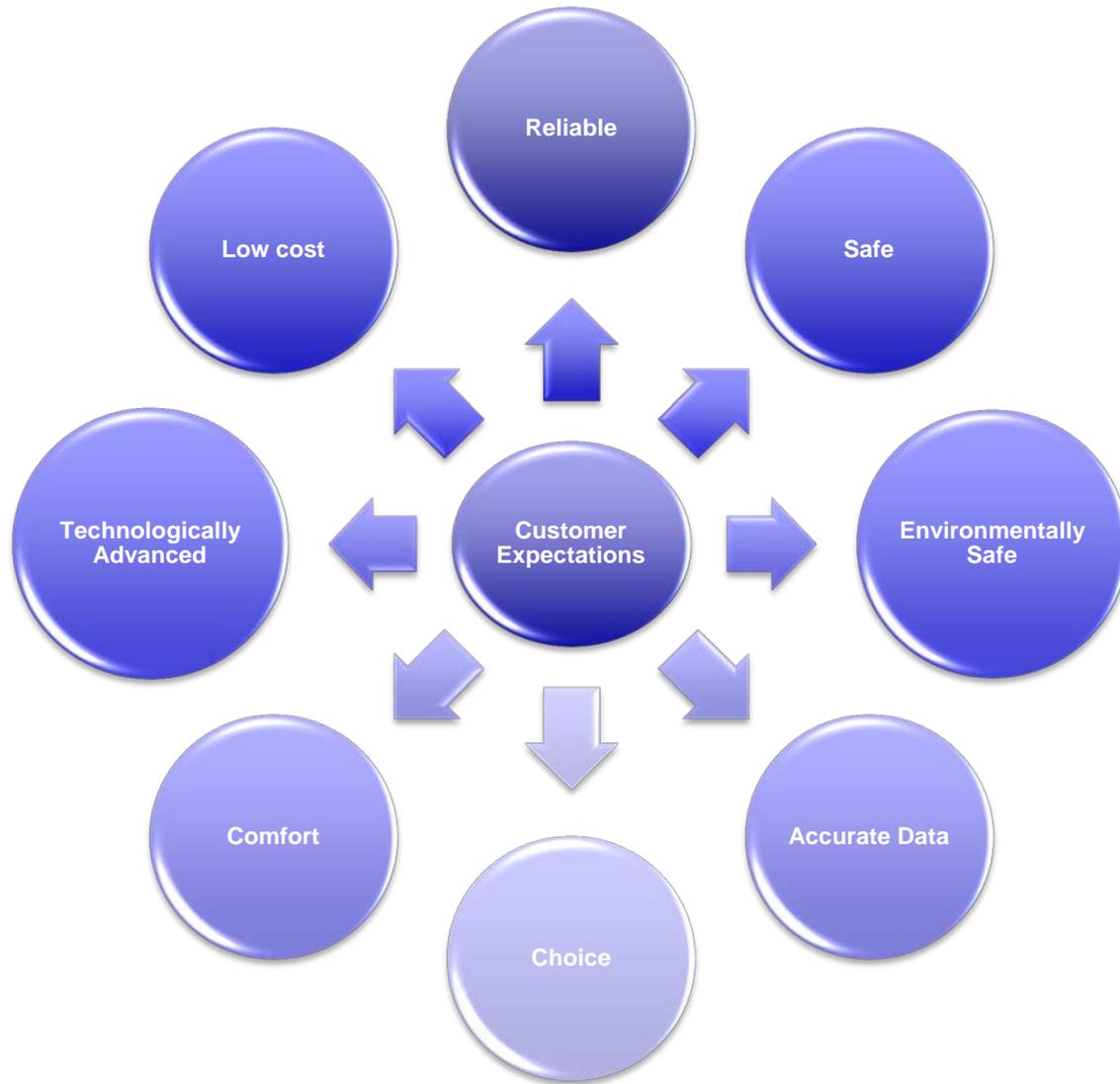
Utility Resiliency Tools



Utility Resiliency Measurement



Customer Expectations of Resiliency



Customer Tools for Measuring Resiliency

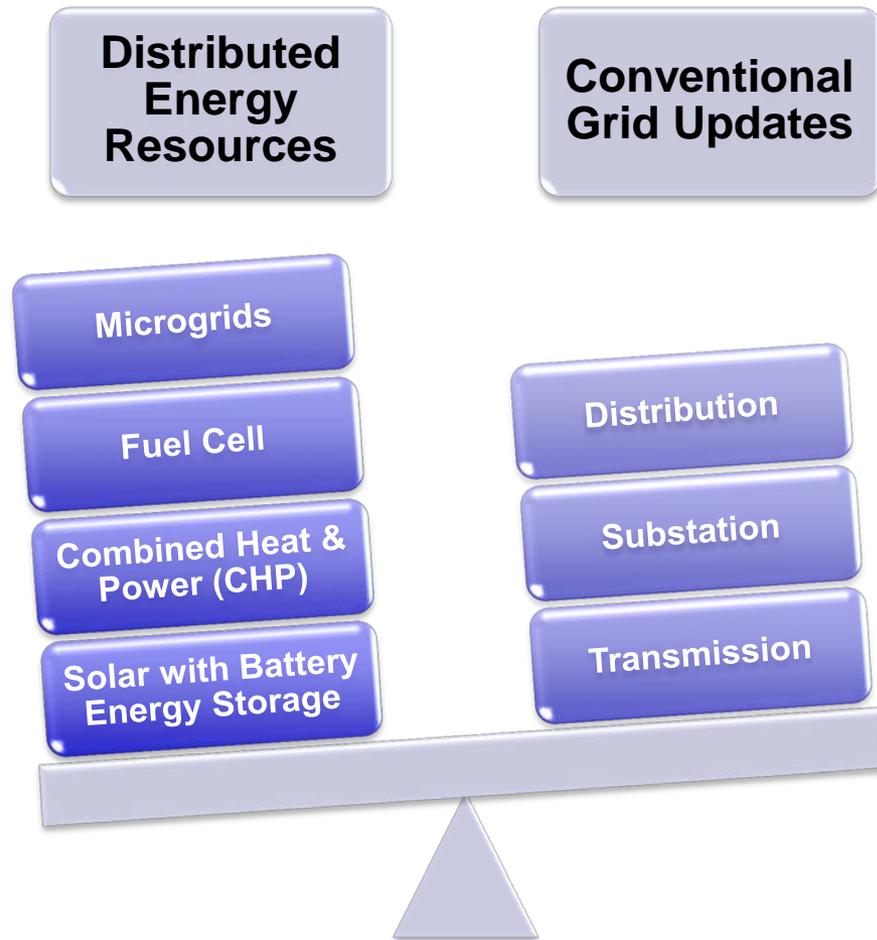


Reforming the Energy Vision

Electric utility companies have been granted the role of Distributed System Platform Provider (DSP), which would provide a technology platform and marketplace allowing distributed energy resources, including demand response, energy efficiency, storage, and on-site generation, to compete fairly with the utilities' own distribution infrastructure.

When deployed at scale, distributed energy resources could help avoid conventional grid upgrades.

Reforming the Energy Vision

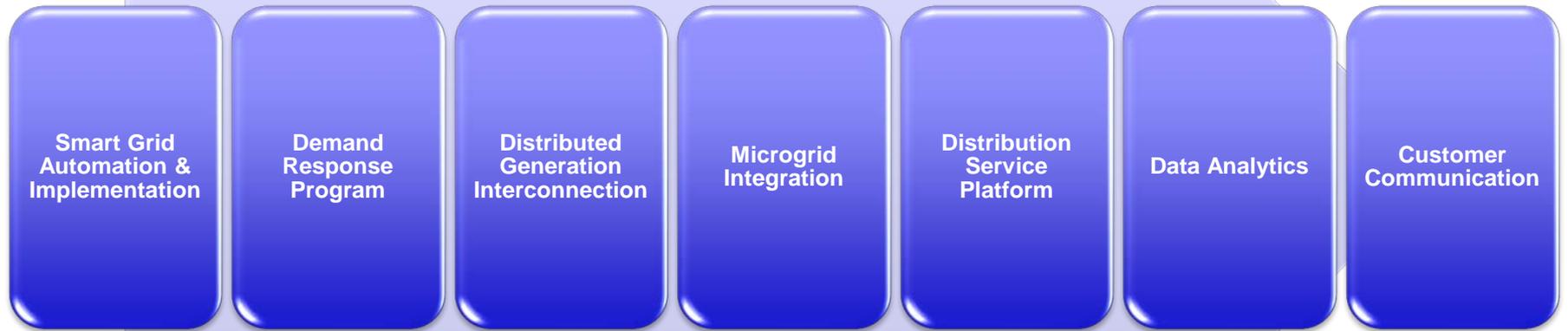


O&R Strategy

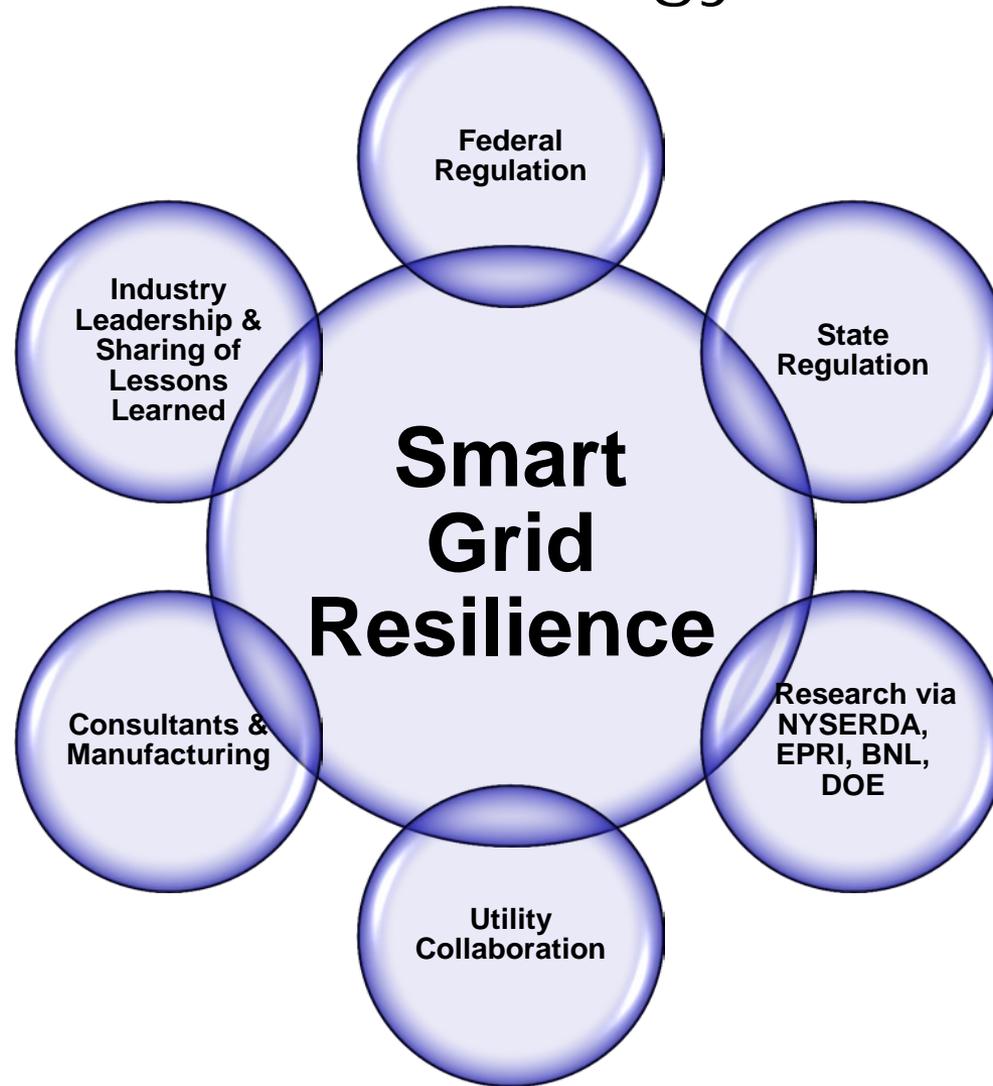
- Partner for opportunity to strengthen the grid for positive reliability and resiliency impacts
- Pioneer of R&D opportunities within the industry
- Be on the “right” side of regulation
- Enable technology and integration on the system

Current Initiatives for Resiliency

Reforming the Energy Vision



Smart Grid Technology Resilience



Technology presumes there's just one right way to do things and there never is.