



Knowledge2008 Utility CIO Summit

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How is Demand Response Utilized Today?

Uses:

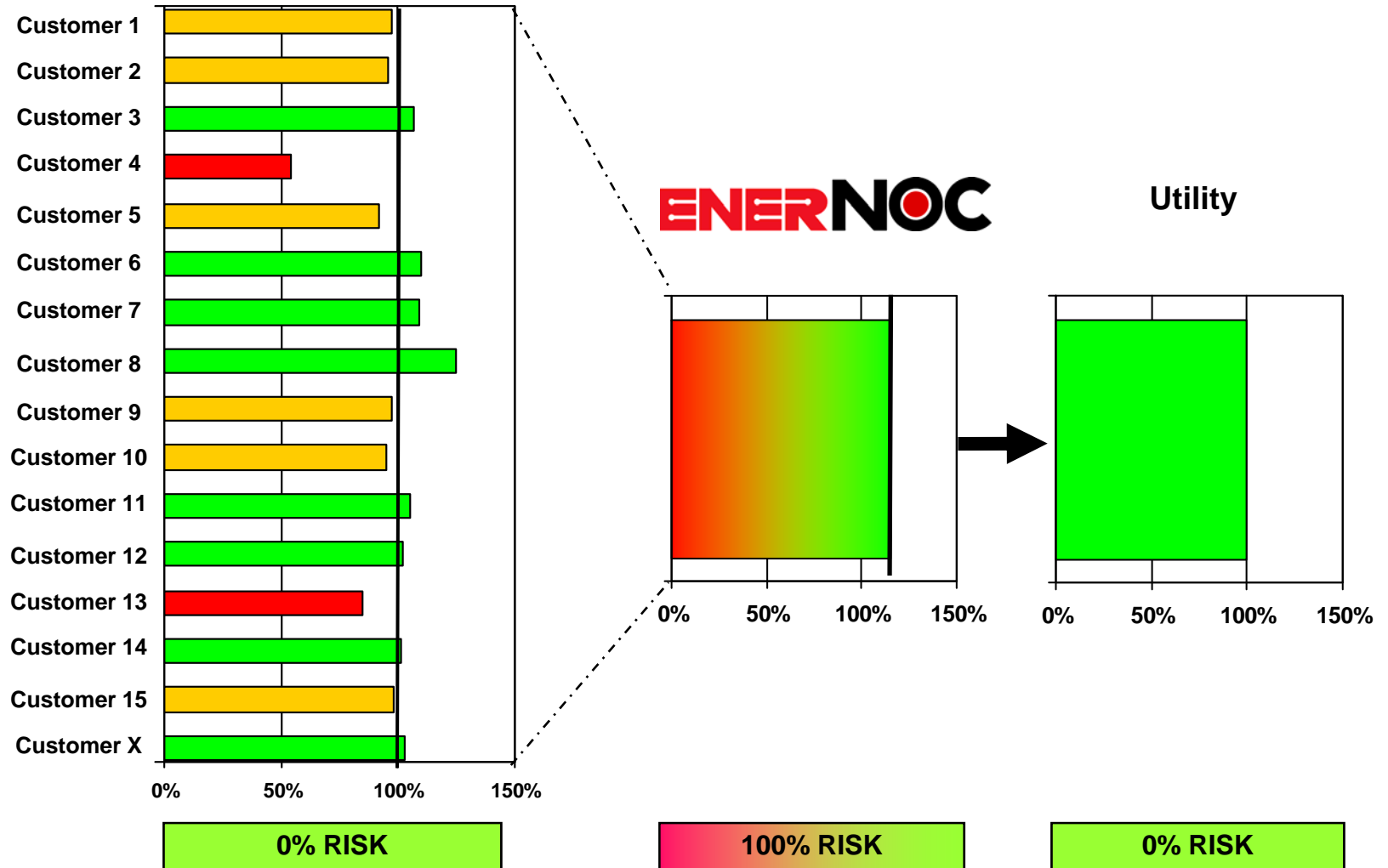
- Mitigate Peak Demand
- System Reliability
- Deferral/Avoidance of Infrastructure Investments
- Manage Spot Purchases

Types of Demand Response:

- Reliability
- Economic
- Ancillary Services

Historically Demand Response has been considered more as “Insurance” than “Supply” --- That is changing!

The Value of a Third Party: Load Aggregation



Emerging Trends in Demand Response

- **Technology** enables Demand Response as a precise, cost-effective, reliable resource
- Demand Response considered as an **Energy Supply Resource** – Capacity, Energy and Ancillary Services
- Demand Response compliments **Energy Efficiency**
- Demand Response generates **Renewable Energy Credits**
- **Smart Metering** can facilitate Demand Response