

RHODE ISLAND OFFICE OF ENERGY RESOURCES & DIVISION OF PUBLIC UTILITIES AND CARRIERS

Power Sector Transformation: Technical Session and Inquiry into Distribution System Planning

May 26, 2017

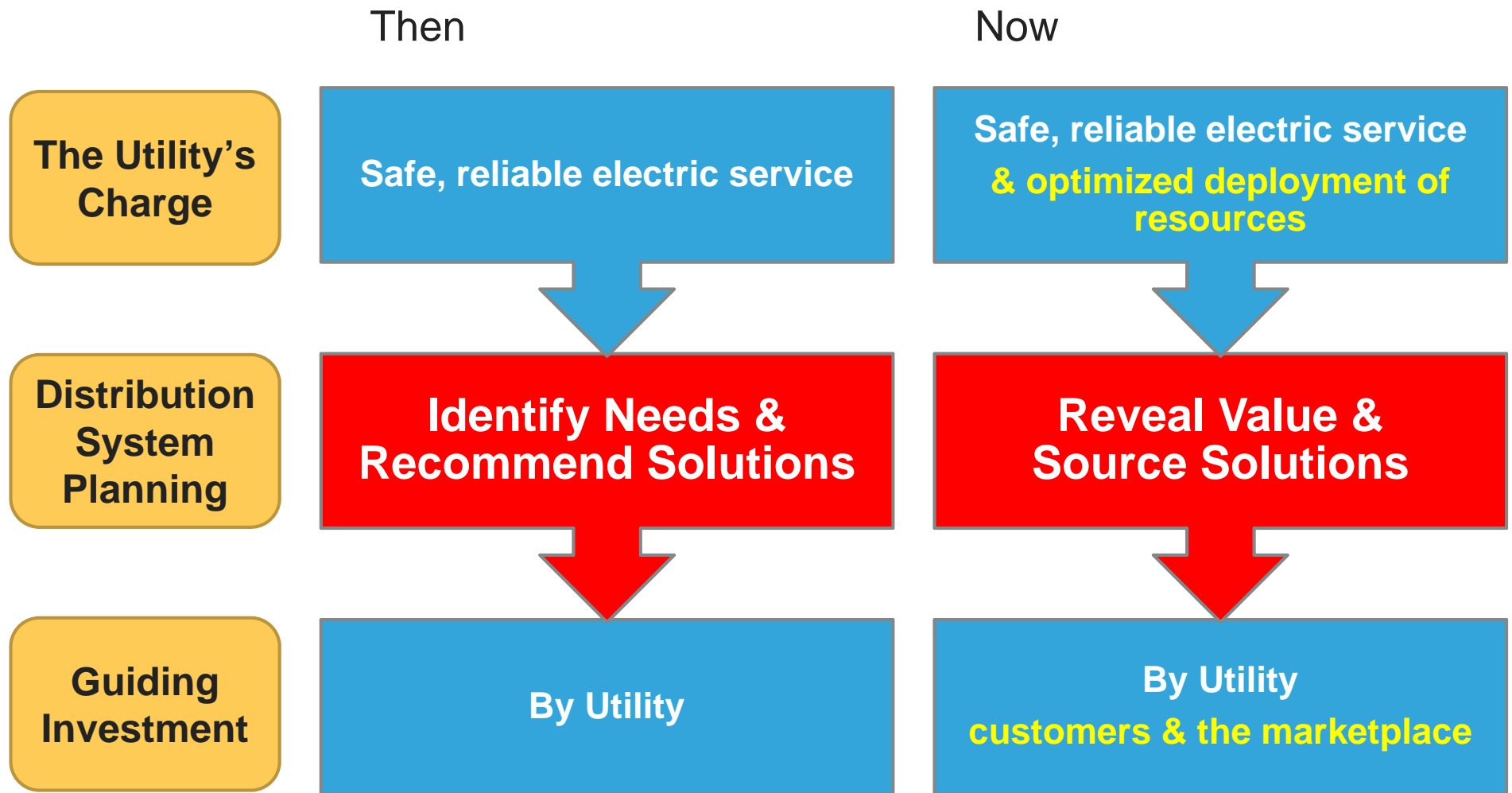


POWER SECTOR TRANSFORMATION

Will shape the ongoing transformation of the electric grid to achieve three policy objectives:

- ◆ Control the long-term costs of the electric system: **system efficiency**
- ◆ Build a flexible grid to integrate more clean energy generation: **system flexibility**
- ◆ Give customers more energy choices: **customer choice**

PLANNING WILL EVOLVE BECAUSE CUSTOMERS CAN HELP MEET GRID NEEDS



DSP ADDRESSES MULTIPLE PLANNING CRITERIA THAT VARY BY TIME AND LOCATION



HOW DO KEY ELEMENTS OF DSP EVOLVE?

- Forecasting demand
- Power flow analysis
- Solution identification
- Hosting capacity analysis

HOW TRANSPARENT SHOULD DSP BE?

- Who are the users of system and customer data?
- What data do users need to guide investment decisions?
- How frequently and in what format do users need data?
- What are the key data access and security considerations?

WHAT SHOULD THE DSP PROCESS LOOK LIKE?

- What DSP information should be made available to users?
- How often should this information be made available?
- How should any new DSP filings be coordinated with existing filings?

DISTRIBUTION SYSTEM PLANNING NEXT STEPS

- Questions document released by June 2nd
- Responses requested by Monday, June 19th
- Submit by electronic mail to dpuc.powersectortransformation@dpuc.ri.gov
- Straw document for comment in July

http://www.ripuc.ri.gov/utilityinfo/electric/PST_home.html