## The Road to Reinvention

ANNE PRAMAGGIORE
SENIOR EXECUTIVE VICE PRESIDENT AND CEO, Exelon Utilities

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Safe

Affordable



Clean



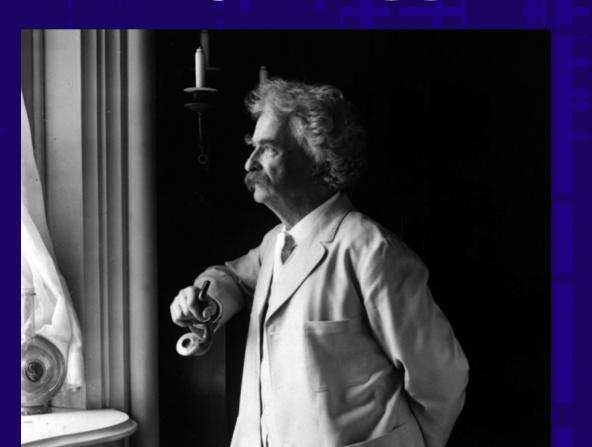
Resilient



**Custom but Connected** 



## Reports of the Grid's Death are Greatly Exaggerated.





"There is a central difference between the old and new economies: the old industrial economy was driven by economies of scale; the new information economy is driven by the economics of networks."

Carl Shapiro

**UC Berkeley Professor** 

Connected
Communities
will play out
over time: what
are the logical
stages and how
will these evolve
creating value
for customers

Modernize for Reliability

Resiliency and Security

Customer
Choice – DER
Acceleration

Decarbonization / Electrification

**Connected Communities** 

Customer Value by Stage

Improving reliability for customers by creating a smarter grid that can "selfheal" and minimize disruptions

Ensuring resiliency and security against threats - cybersecurity attacks and extreme weather events

Enabling customers to adopt DG, e.g. solar, storage, and ultimately transact as prosumers in an open marketplace

Achieving climate change objectives, through electrification – transport, business and residential

Providing better city services for citizens – broader infrastructure role, e.g., water, gas, leveraging data, technology and digital













**Affordability** 



Reputation



Social









Resiliency and Security



Customer Choice and DER Acceleration





Decarbonization and Electrification



**Connected Communities** 



## Microgrid Pilot in Bronzeville











## Thank You

