

# IS ENERGY STORAGE 'TRANSFORMATIVE'?

## DECENTRALIZATION & THE FUTURE OF ONTARIO'S ENERGY SYSTEM

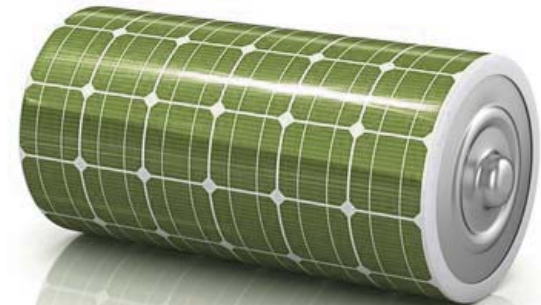
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Presented by: James Gaede, Postdoctoral Fellow  
School of Environment, Resources and Sustainability

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# ES IN ONTARIO: A ROCK AND A HARD PLACE



SYSTEM LEVEL ('JACK-KNIFE')

- Surplus baseload gen. (SBG)
- Optimization / Flexibility
- Relationship w. natural gas
- Relationship w. renewables
- Services (i.e., ES is niche)



DISTRIBUTION LEVEL (DEPENDS)

- Central v. Decentralization
- LDCs as ES proponent
- LDC as a platform
- Risks to LDC / System
- Regulatory Complications

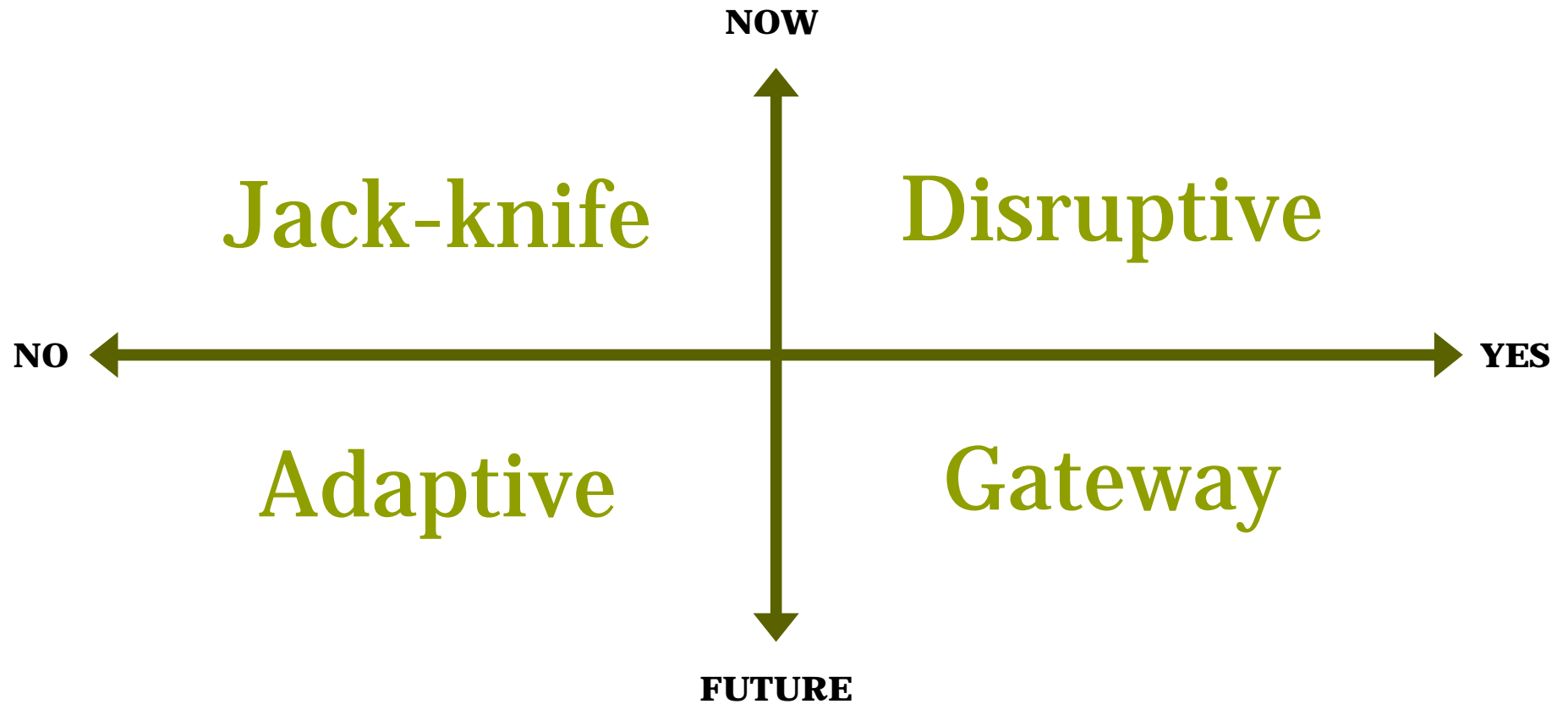


END-USER ('DISRUPTIVE?')

- Cost control
- Residential
- Net metering
- Third-parties
- Remote communities



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### **CONTACT**

JAMES GAEDE, PH.D  
POSTDOCTORAL FELLOW  
SCHOOL OF ENVIRONMENT, RESOURCES AND SUSTAINABILITY  
JRGAEDE@UWATERLOO.CA