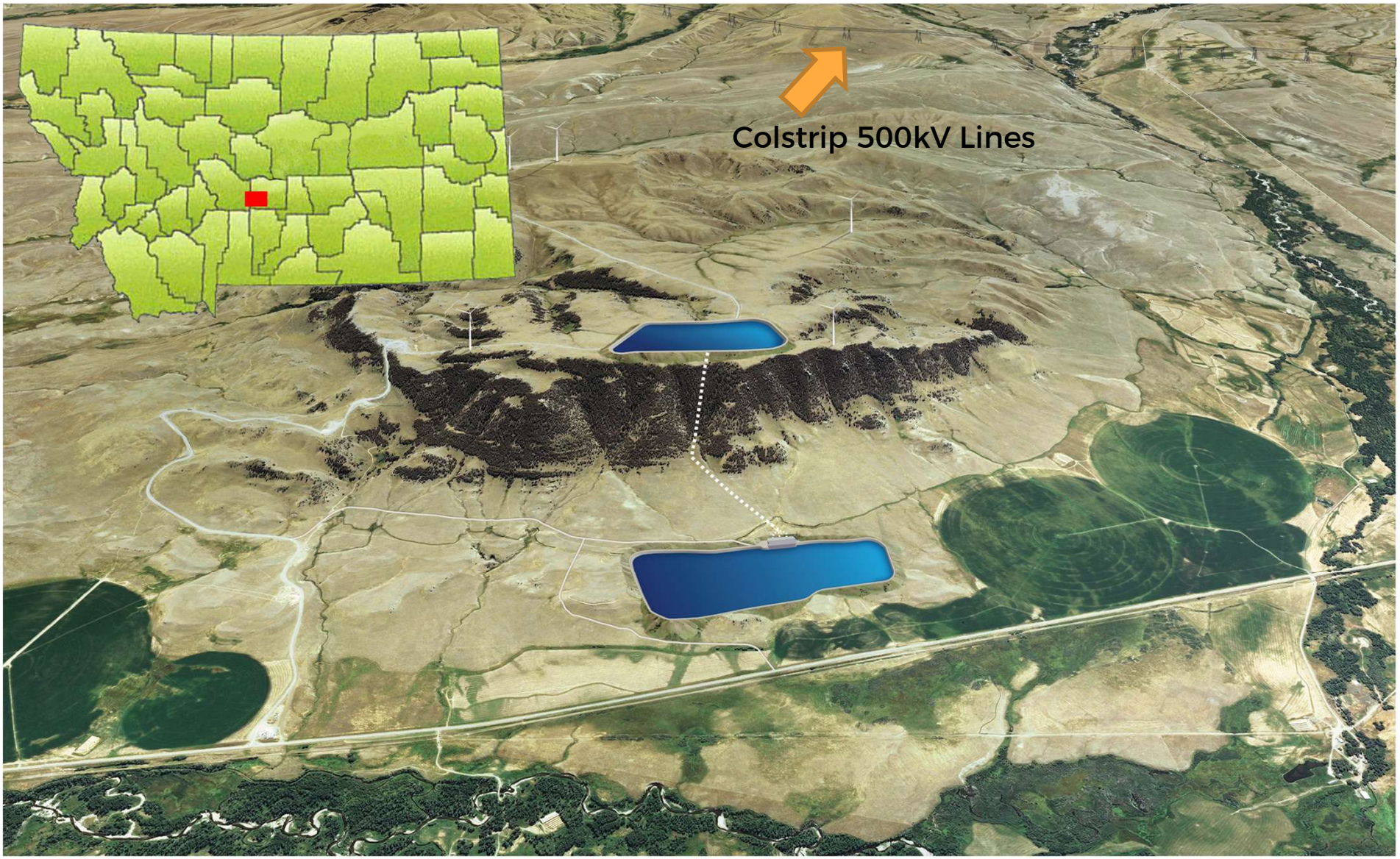
PSH ENERGY STORAGE IN A CHANGING CLIMATE

NHA ALASKA REGIONAL MEETING 2022

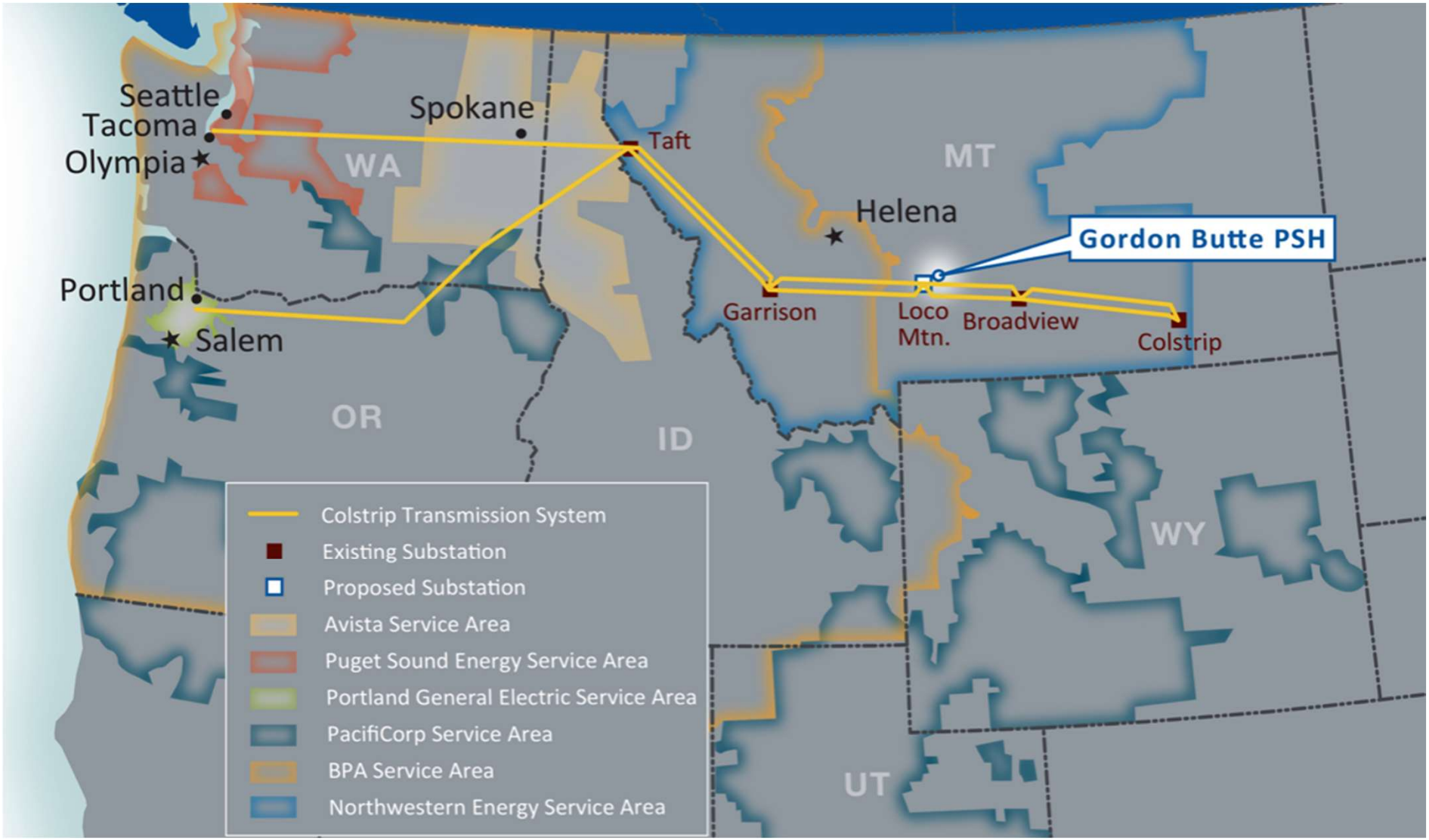
Absaroka Energy LLC

8/16/2022

GORDON BUTTE PSH



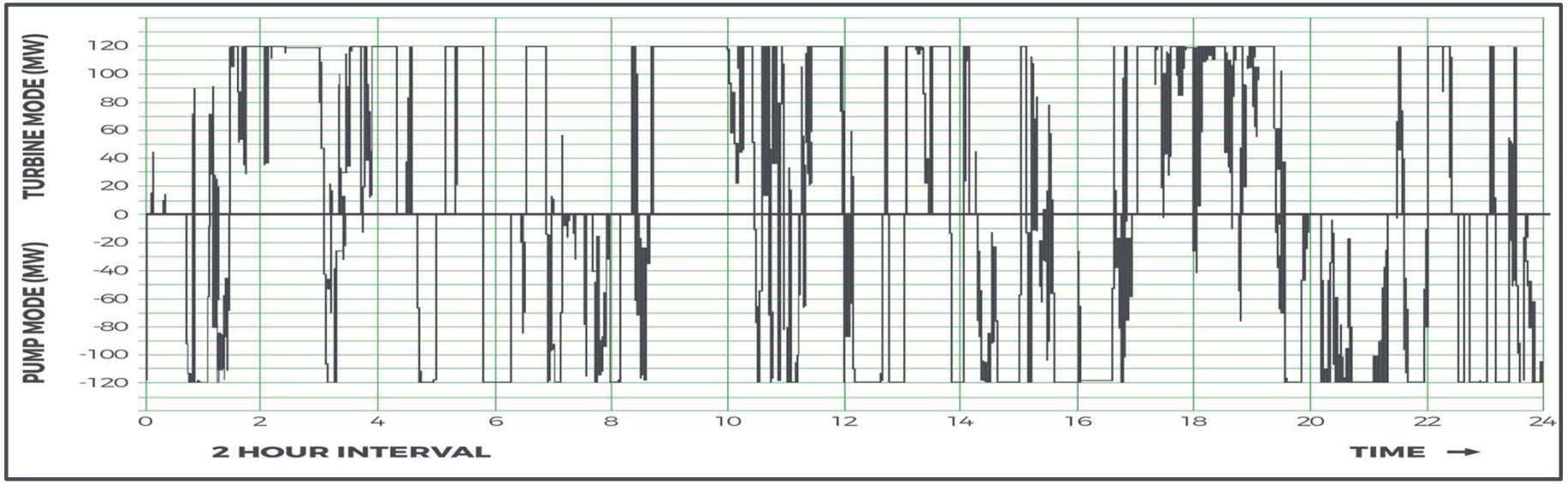
PROJECT LOCATION



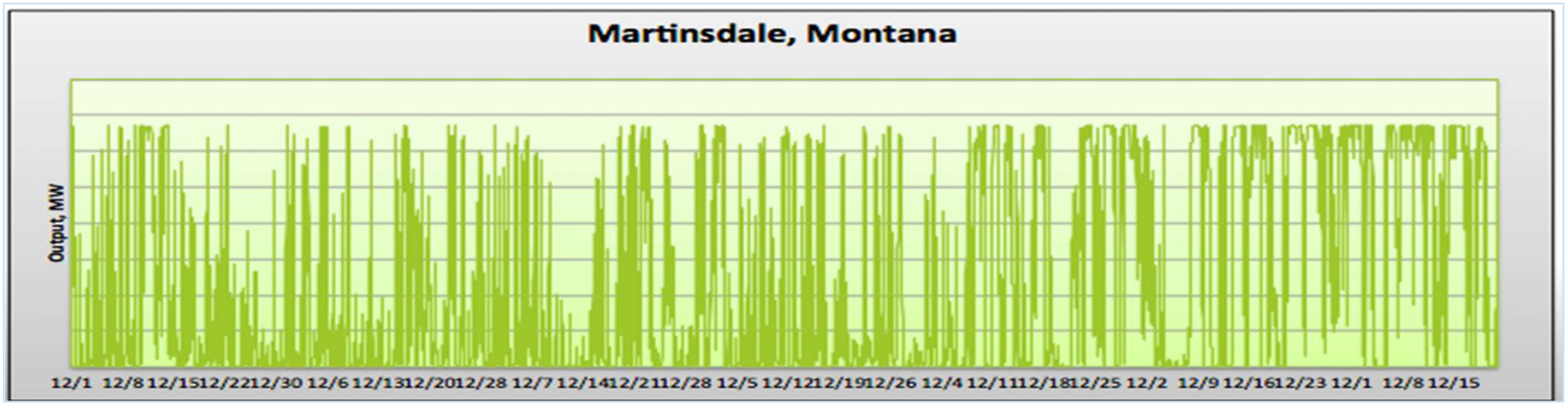
ENERGY FLEXIBILITY

Regulation Capacity

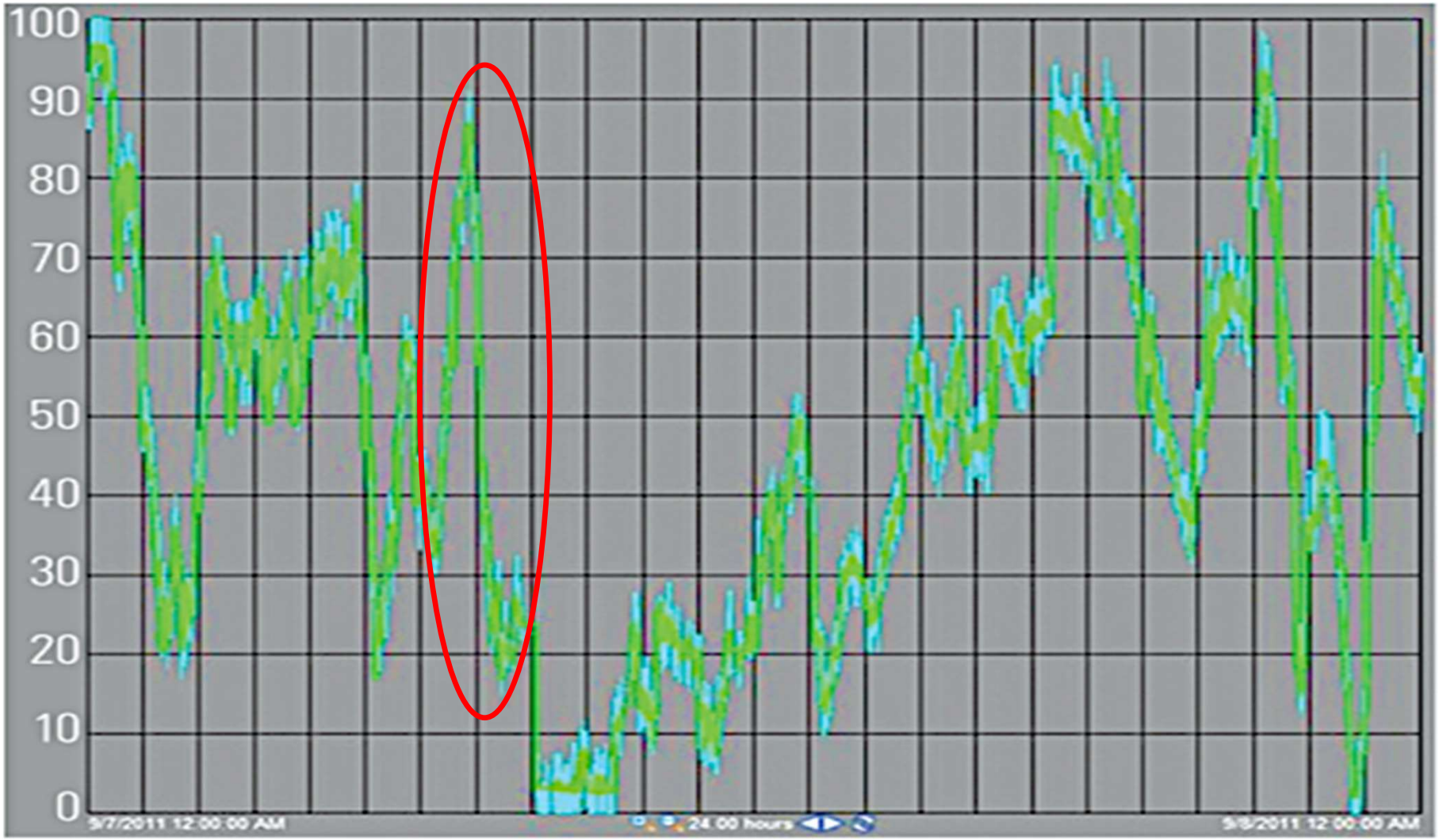
PSH can move faster (20+ MW/sec) than gas (40 MW/min)



Martinsdale Six Month Wind Graph



PSH MULTIPLE WORKSTREAMS
THE NEED FOR SPEED

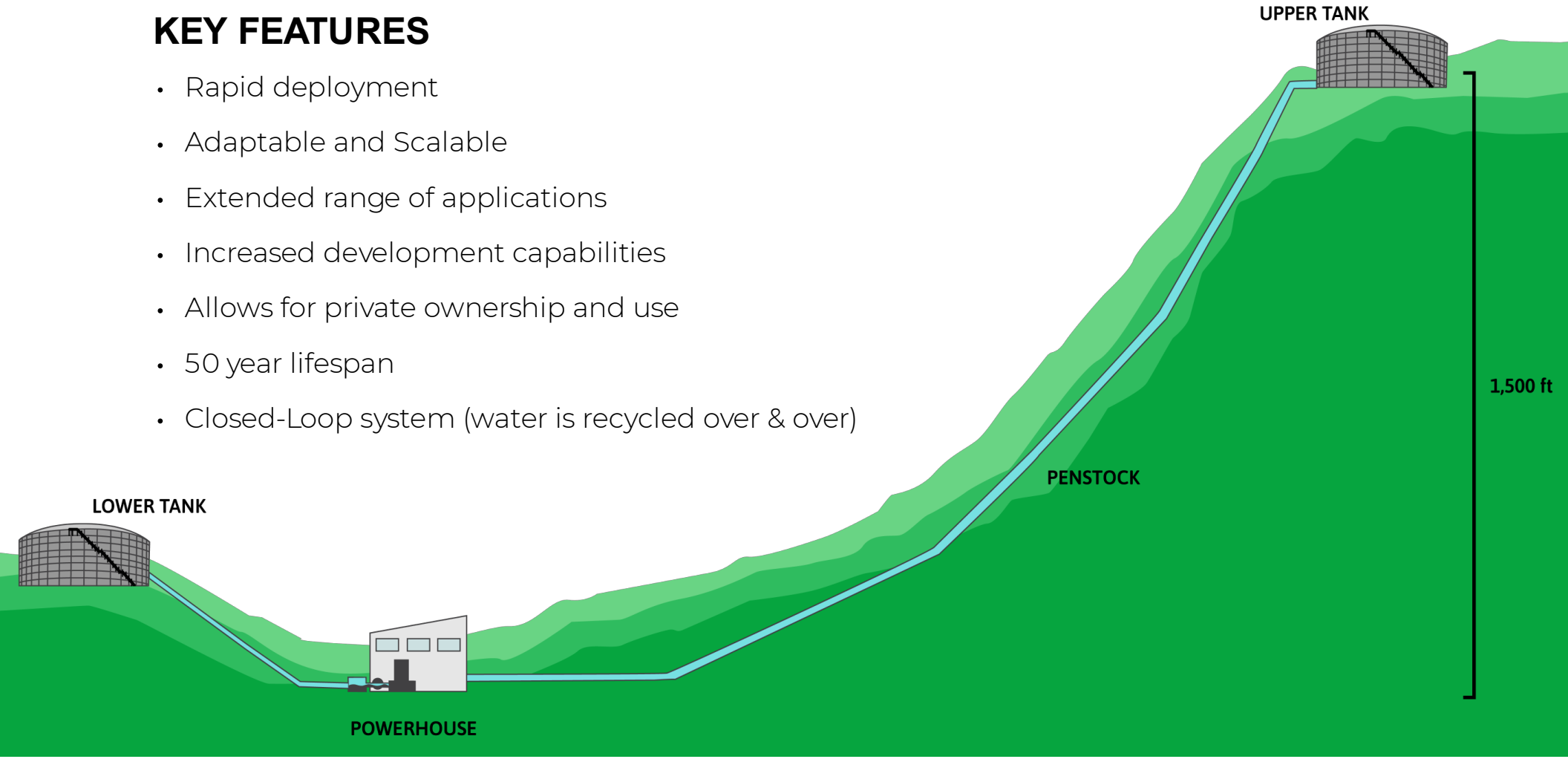


MODULAR PSH
AN EFFICIENT TOOL FOR ALASKA

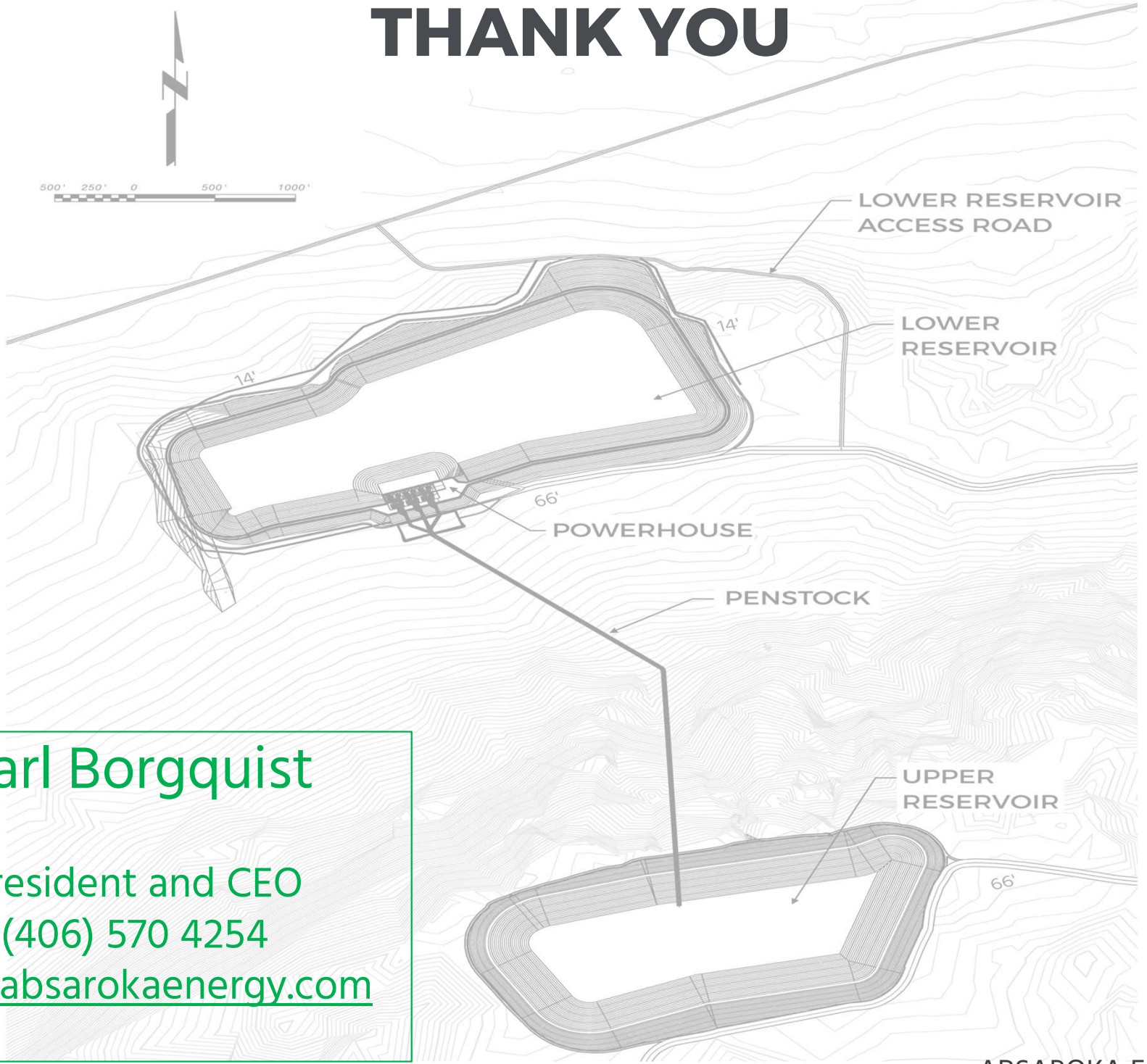
Modular Pumped Storage Hydropower is comprised of off-the-shelf components that have been designed for ease of development permitting and installation.

KEY FEATURES

- Rapid deployment
- Adaptable and Scalable
- Extended range of applications
- Increased development capabilities
- Allows for private ownership and use
- 50 year lifespan
- Closed-Loop system (water is recycled over & over)



THANK YOU



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