



LINE COMMISSION MEETING

MAY 16, 2019

**PRESENTER:
DOUG HUNTER
CHIEF EXECUTIVE OFFICER**

PROJECT SUBSCRIPTION

- Participation is at approximately 244 MW or four NPM
 - UAMPS Participants 124 MW
 - MOU Among US DOE, UAMPS, AND BEA
 - NPM 1 & 2; JUMP and PPA
 - FOAK risk reduction
- Working with existing and new UAMPS Participants on additional subscription

SHOSHONE – BANNOCK TRIBES

- UAMPS recognizes the Gov-to-Gov relationship between the Tribes and DOE
- UAMPS has briefed the Tribes on its site selection process and has received feedback based on the Tribes' interest
- UAMPS will continue to work with the Tribes during its selection process
- Once the proposed site has been selected, the Tribes will continue to have a role as the preferred site is characterized as part of the NRC process

NUSCALE UPDATE

NRC Licensing Progress

Supply Chain Development

Market Outlook

WET VS DRY COOLING STUDY

- Preliminary Analysis shows dry cooling (air cooled condensers) to be more cost effective over 40 year life of the project
- Additional analysis being performed over the next 60 days to validate several assumptions (ACC equipment, layout changes, water usage, cost effectiveness over 60 year life)
- Parasitic load to operate dry cooling equipment are favorable compared to wet cooling
- Significant water usage savings by going ACC (2,000 af/year versus 21,000 af/year utilizing wet)

100% RENEWABLES VERSUS 100% CLEAN

100% decarbonization of the energy sector by using wind, water, and solar (WWS) and batteries

Decarbonization will be much more difficult if toolkit of resources is constrained to WWS. WWS and batteries may be cost prohibitive and infeasible

- WWS are not dispatchable resources
- Nuclear and CCS should be considered in the decarbonization toolkit—need for a flexible resource to balance the system

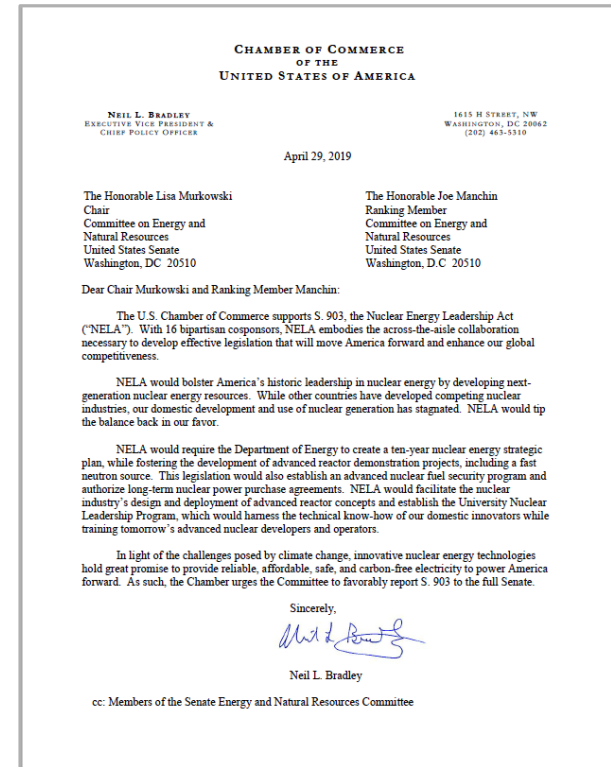
NELA AND STORAGE

Nuclear Energy Leadership Act (NELA) (S. 903)

- Extends the maximum length of federal PPAs from 10 to 40 years.
- Sets specific advanced nuclear R&D goals with requirement for demonstration projects in consultation with national labs

Storage Bills (S. 1234 Nuclear Waste Administration Act; Sen. Barrasso bill (not introduced))

- Barrasso bill: Finish study on Yucca for permanent repository
- S. 1234: Consensual based siting for temporary and permanent storage
- Both bipartisan bills aimed at storage solutions



U.S. Chamber Supports NELA 4/29/19

