Jennifer Anders Chair Montana

> Vacant Montana

Guy Norman Washington

Patrick Oshie Washington



Richard Devlin Vice Chair Oregon

> Ted Ferrioli Oregon

> > Jim Yost Idaho

Jeffery C. Allen Idaho

July 9, 2019

MEMORANDUM

- TO: Power Committee Members
- FROM: Gillian Charles

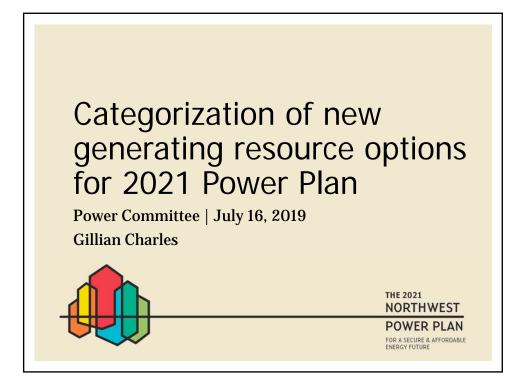
SUBJECT: Categorization of new generating resource options for 2021 Plan

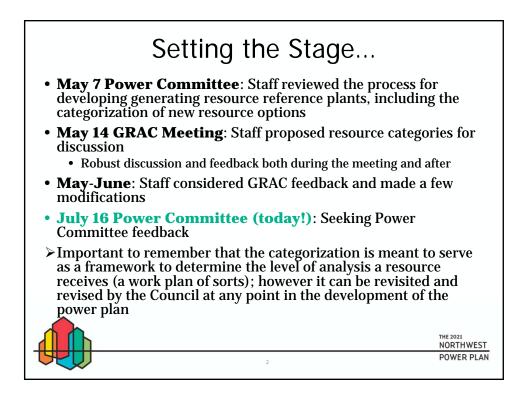
BACKGROUND:

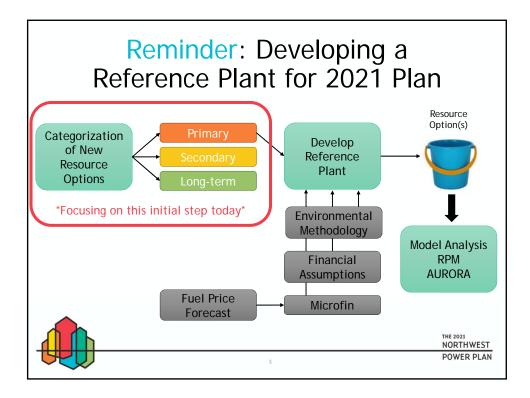
- Presenter: Gillian Charles
- Summary: At the May 2019 Power Committee meeting, staff reviewed the process for the development of a generating resource reference plant, including the categorization of new resource options into three categories primary, secondary, and long-term. Since then, staff presented a proposed resource categorization for the 2021 Plan to the generating resources advisory committee (GRAC) for feedback. Staff made some revisions and will be presenting the proposed resource categorization to the Power Committee at the July meeting.

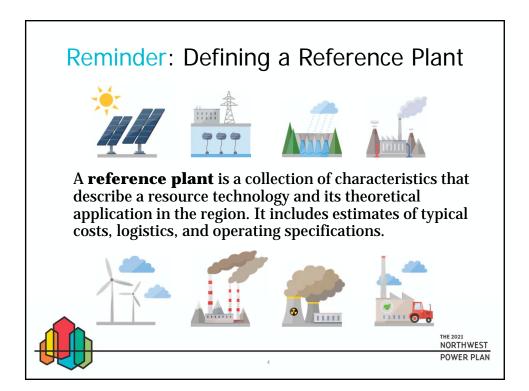
The resource categorization serves as a framework to determine the level of analysis a resource receives. As the development of the power plan progresses, the resource categorization can be revisited and revised by the Council at any point if necessary.

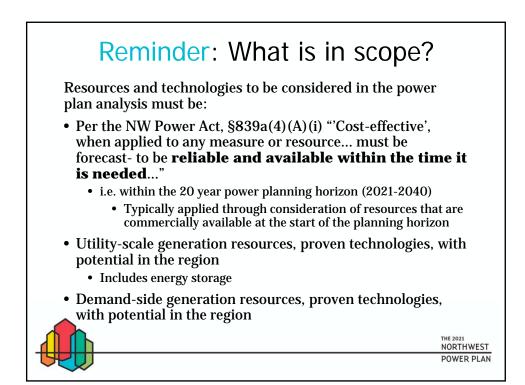
Workplan: A.4.1. Develop generating resource reference plants for 2021 Power Plan

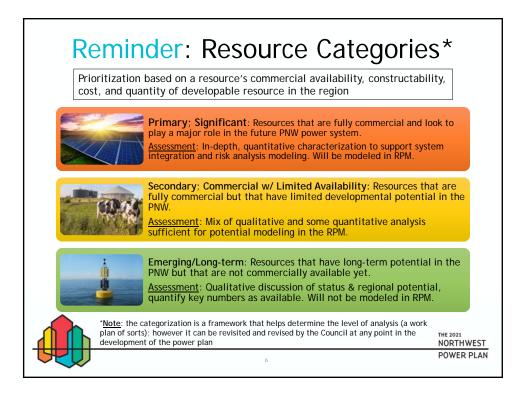












Primary	Secondary	Emerging/Long-term
Solar PV 🛞	Conv. Geothermal 🛞	Enhanced Geothermal Systems Small Modular Reactors
Onshore Wind 🛞	Offshore Wind	
Gas CCCT 🛞	Distributed Generation*	Carbon Capture &
Gas SCCT - Frame 🍥	Biomass	Sequestration
Battery storage (Li-ion)	Hydro Upgrades	Hydrogen Gas Turbine
Solar + Storage 🥘	Biogas	Allam Cycle Gas
Pumped Storage	Power-to-Gas	Wave, Tidal
Reciprocating Engine	Small Hydro	*DG = Behind the
Gas SCCT - Aeroderivative	Combined Heat and Power	Meter: Solar, Storage, and Solar + Storage;
		also included in the

