Richard Devlin Chair Oregon

Ted Ferrioli Oregon

Guy Norman Washington

Patrick Oshie Washington



Bo Downen Vice Chair Montana

Jennifer Anders Montana

> Jim Yost Idaho

Jeffery C. Allen Idaho

August 4, 2020

MEMORANDUM

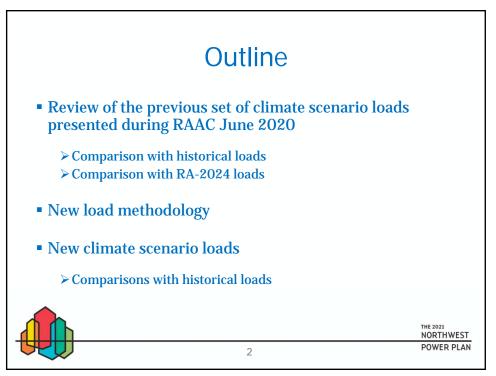
- TO: Power Committee Members
- FROM: Daniel Hua and Massoud Jourabchi
- SUBJECT: 2021 Plan Climate Scenario Load Forecasts

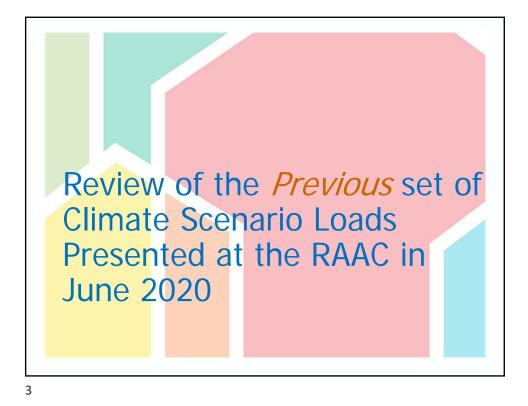
BACKGROUND:

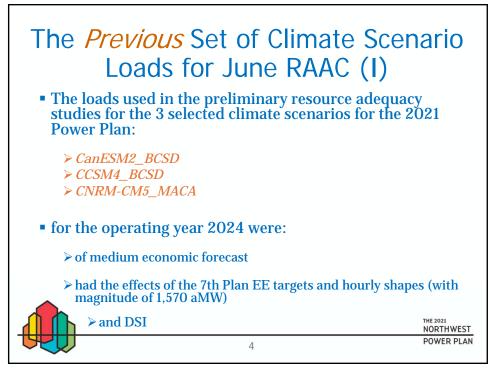
Presenter: Daniel Hua and Massoud Jourabchi

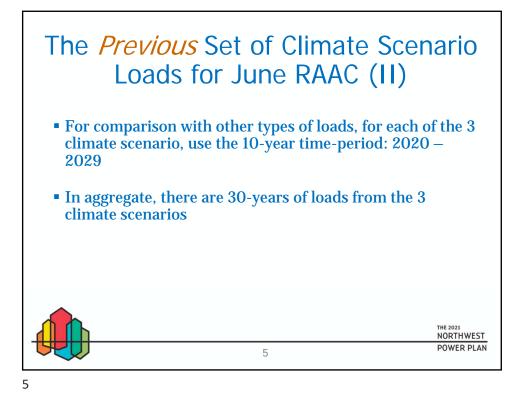
- Summary: Staff will update Power Committee Members on the new regional climate scenario load forecasts for the 2021 Power Plan. The new load forecasts were calculated from a new load methodology that was developed to correct problems observed in the previous set of climate loads presented at the Resource Adequacy Advisory Committee meeting in June 2020. These new loads have reasonable daily and monthly shapes and peak magnitudes when compared to recent historical observed loads.
- Relevance: Load forecast is an essential building block of the Resource Plan.

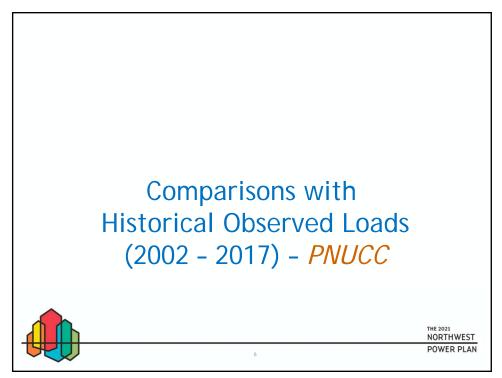


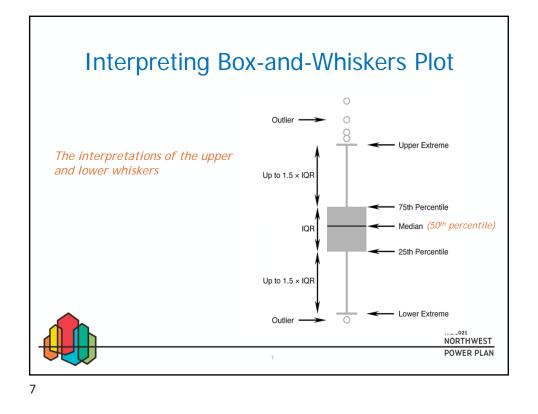


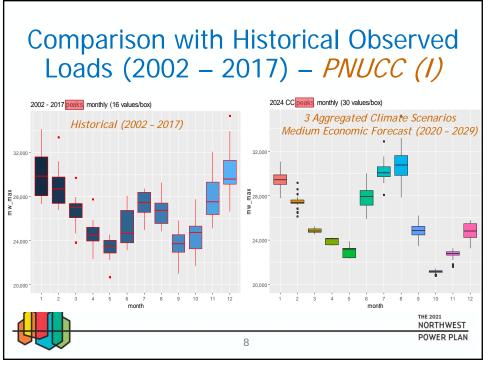


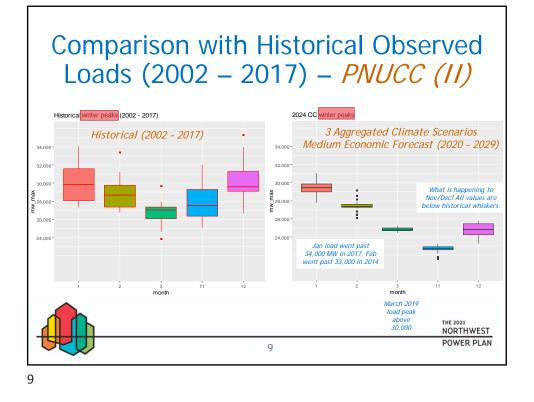


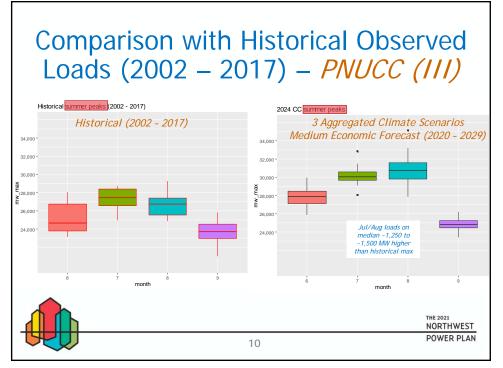


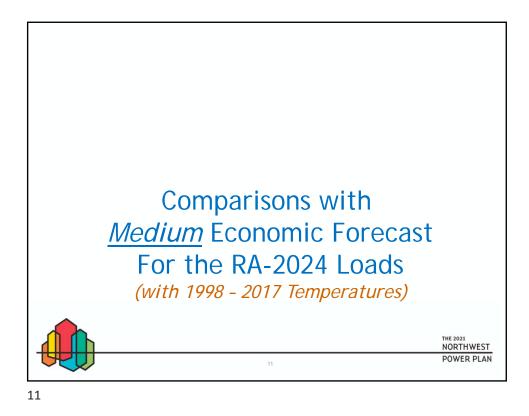


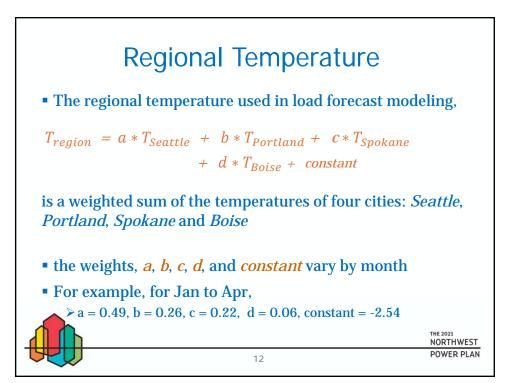


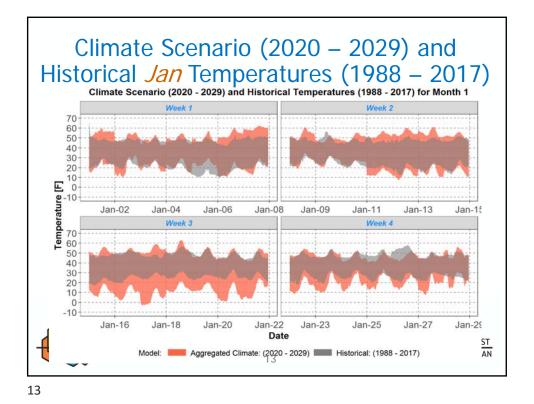


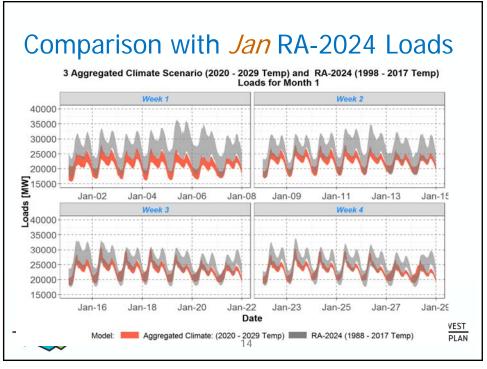


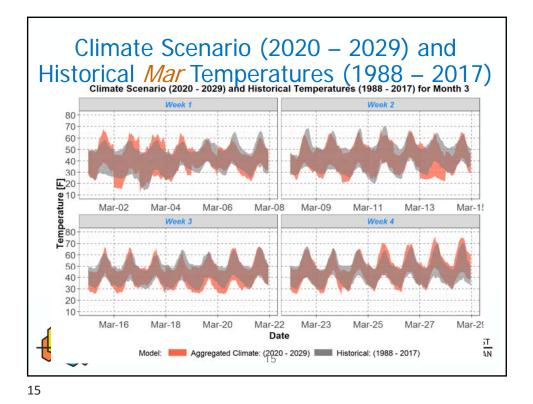


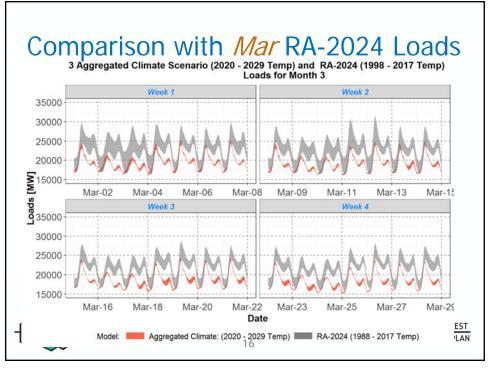


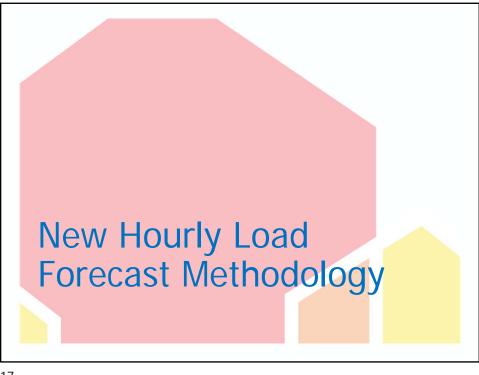


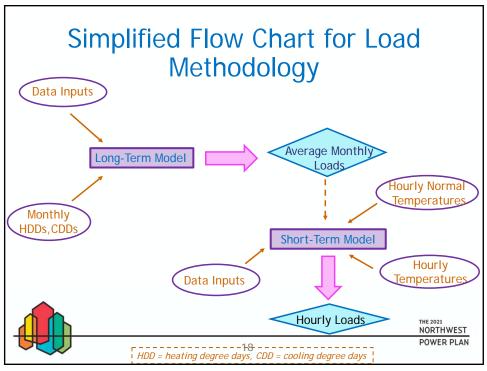


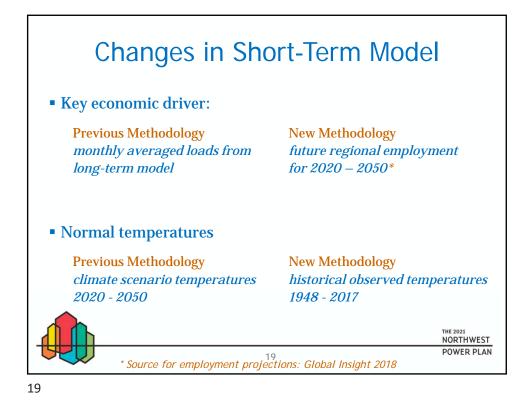


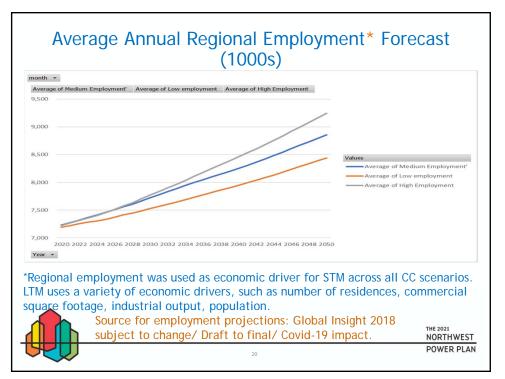




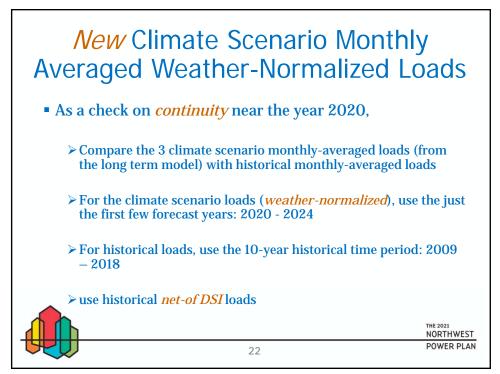


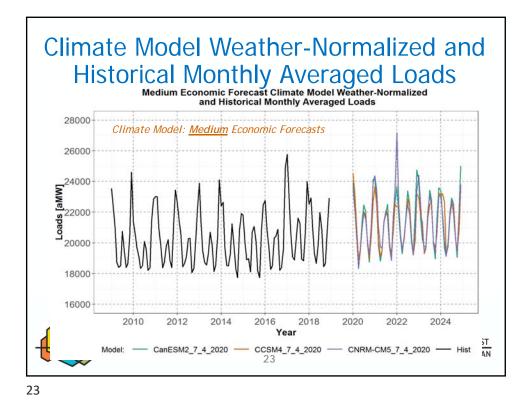


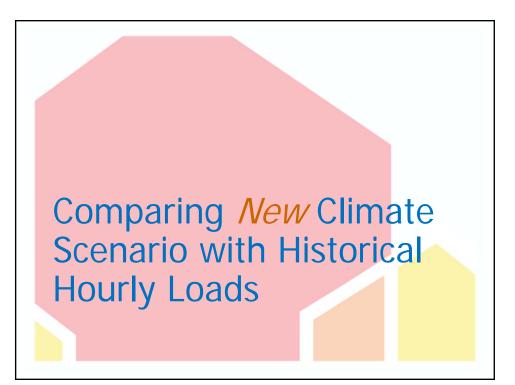


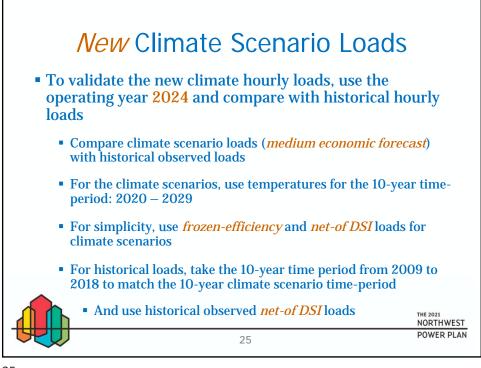


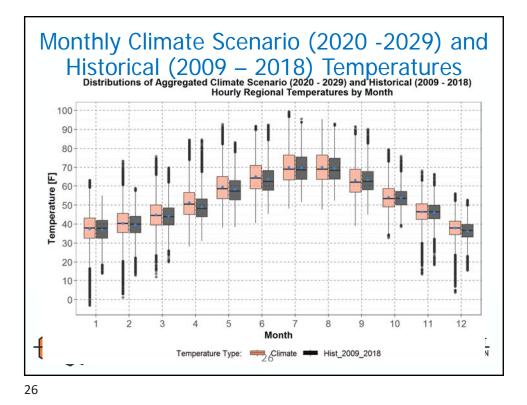


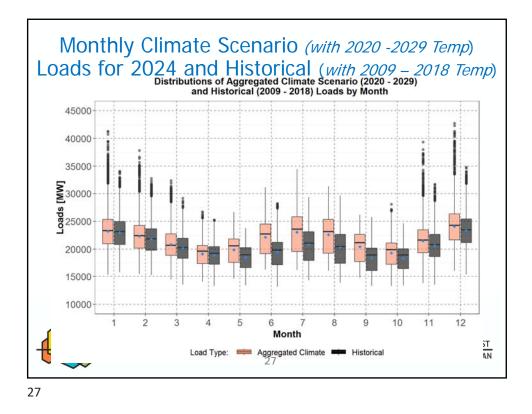


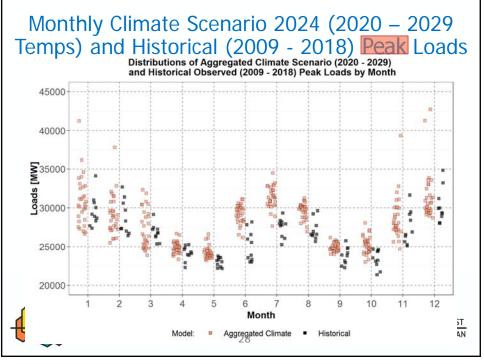


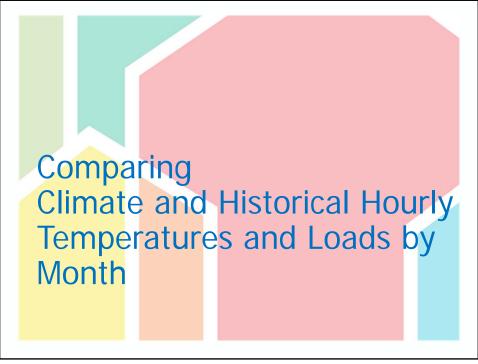


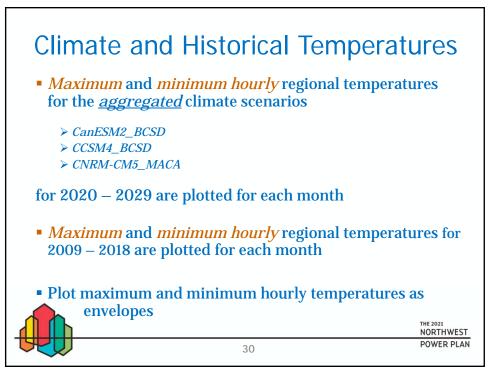


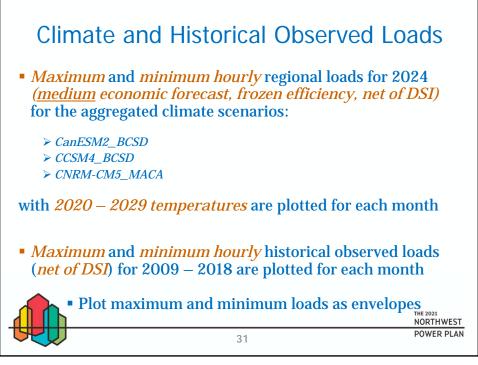




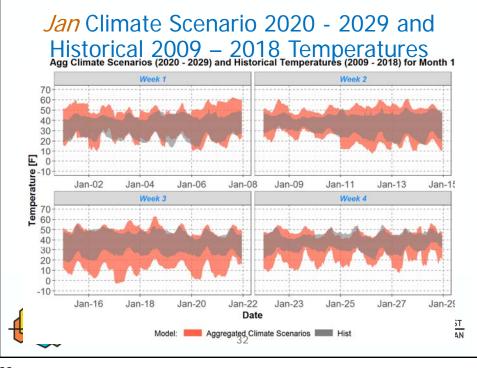


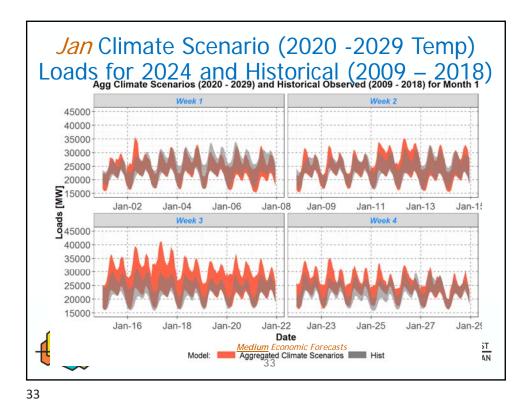


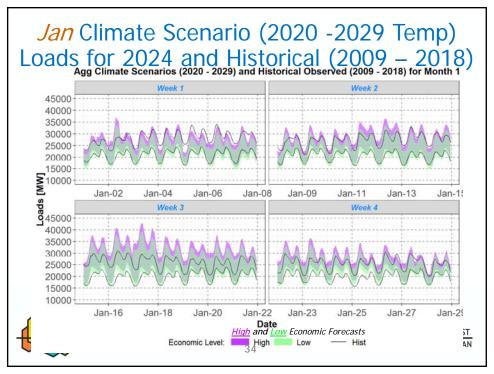


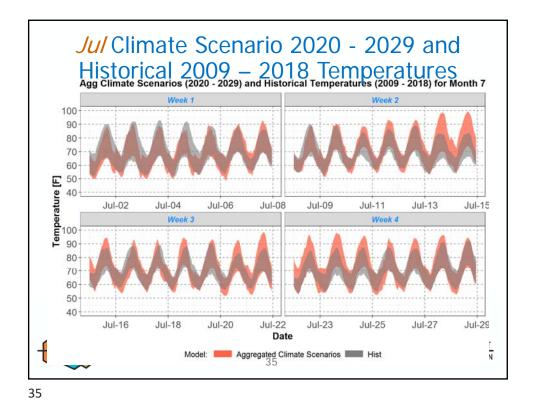


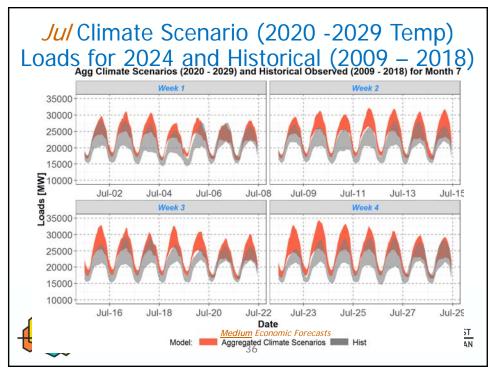


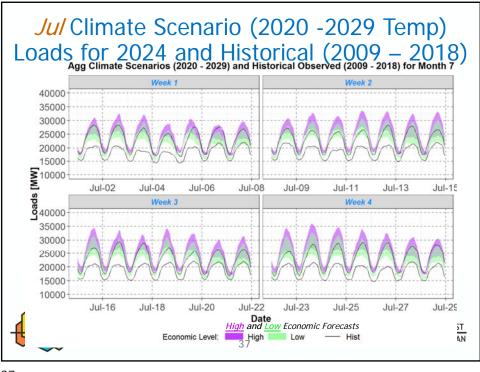




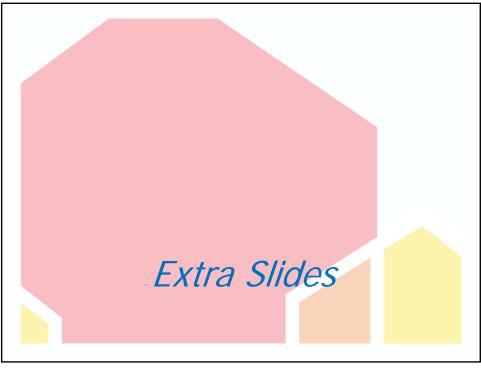


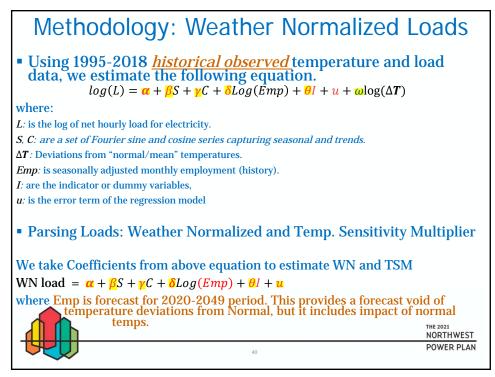


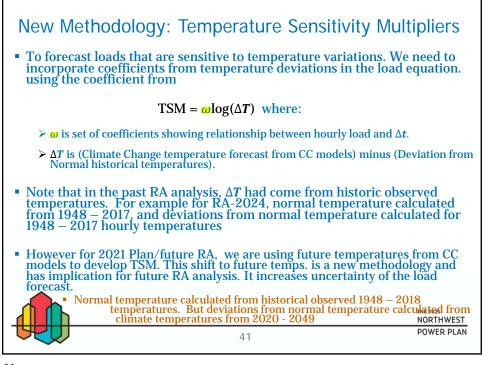


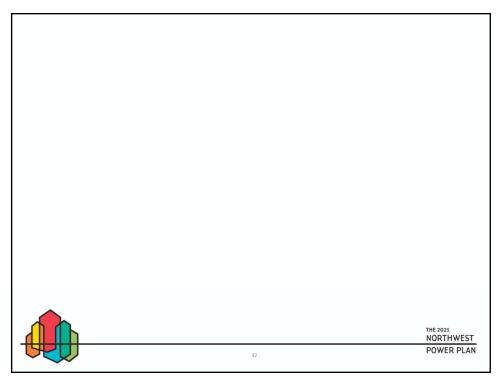












CCSM4 Loads for 2024 for February and March Show a Jump due to jump in Heating Degree Days

	2021	2022	2023	2024	
Oregon HDD January	805	591	662	659	
Oregon HDD February	681	616	536	715	
Oregon HDD March	533	525	652	823	
Washington HDD January	846	611	677	689	
Washington HDD February	718	659	569	752	
Washington HDD March	574	582	689	882	
					THE 2021 NORTHWES
					POWER PLA

