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# Northwest **Power** and **Conservation** Council

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Idaho

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Idaho

August 6, 2019

## **MEMORANDUM**

**TO: Power Committee**

**FROM: Chad Madron and Ben Kujala**

**SUBJECT: Timeline and Project Update for Power Plan**

### **BACKGROUND:**

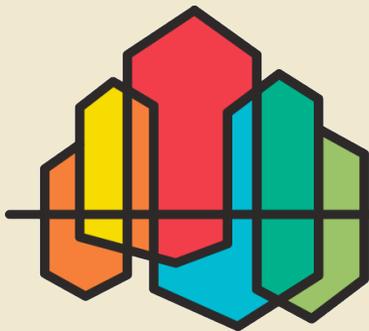
Presenter: Chad Madron

Summary: Staff will discuss where we are in the current timeline for development of the 2021 Power Plan. We will especially focus on planned presentations and milestones that the committee can expect to consider through the end of 2019.

More Info: Power Plan High Level Timeline Presentation:  
<https://www.nwcouncil.org/sites/default/files/Summary%2BTimelines%20for%202021Plan-PowerDivWork-2019-02.pdf>

# Power Plan Development Process and Schedule

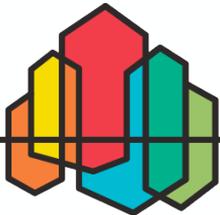
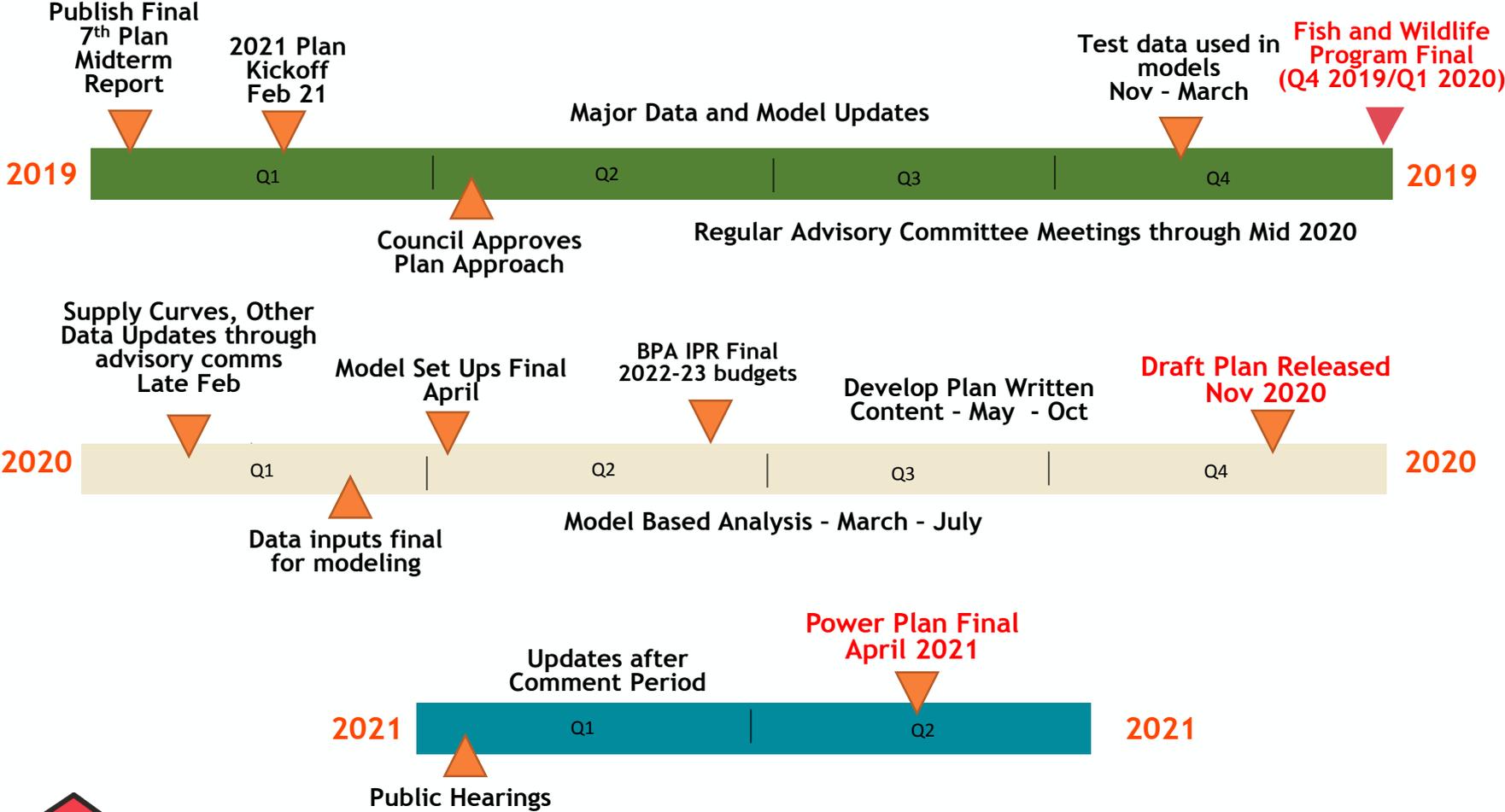
August 2019



THE 2021  
NORTHWEST  
POWER PLAN

FOR A SECURE & AFFORDABLE  
ENERGY FUTURE

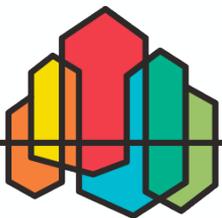
# 2021 Power Plan Work Schedule



# 2021 Power Plan High Level Work Timeline

## Part 1

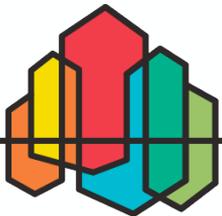
Tasks	Timing
2021 Plan Kick-Off Meeting	February 21, 2019
Propose Power Plan High Level Approach and Organization	March 2019 - Power Committee
Staff breaks down into team tasks and creates a more detailed timeline	April 2019
Discussion of possible analytical focus for planning, identifying unique modeling, logic, data needs	June - August 2019
<b>Final proposed set of scenarios to analyze presented to Council</b>	<b>August 2019</b>
Load Forecasts and Fuels Forecasts Complete	July - October 2019
Test set of data for use in testing models complete	November 2019



# Scenario Details

Next up for scenario development:

- Take final list developed with power committee
- Staff develop details of what we will do in models, etc... to test – recommend what is in/out for each
- Bring them to Advisory Committees to receive feedback
- Then bring the detailed recommended parameters and approach to Power Committee for review

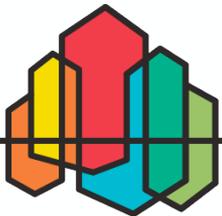


# Advisory Committees

Almost every Advisory committee will meet in 2<sup>nd</sup> half of 2019!

## Examples of meetings and Topics through rest of 2019

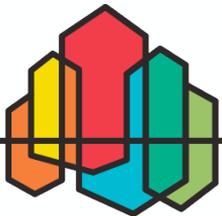
- GRAC/SAAC – 8/20
  - Overview of the existing power system characteristics and operating parameters
  - Review of existing state/city/utility policies in the region and WECC-wide
  - Interpretation and translation of the system parameters and policies into the power system models for the 2021 Power Plan



# Advisory Committees Cont...

- DRAC – 8/21
  - Demand Response Supply Curve related issues, i.e. DR dispatch cost, and profiles of different DR products
- RAAC Tech – 8/26
  - Update on 2024 adequacy report
- DFAC – Late August or early September
  - Energy Forecast with different climate change scenarios (direct and indirect impacts)
  - Solar and Battery, Transportation and Natural Gas Forecasts

Many Advisory Committees meet again in Q4!

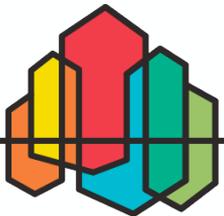




# Other Planned Topics



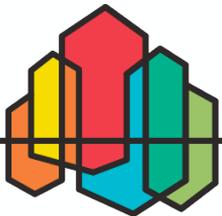
- Climate Change:
  - Global Climate Model recommendation, other issues
- Conservation Supply Curves and related findings
- Generating Resource Reference Plants
- Regional Conservation Progress Report
- Modeling updates and changes for this plan



# 2021 Power Plan High Level Work Timeline

## Part 2

Tasks	Timing
Models tested	November 2019 - March 2020
<b>Supply Curves/Gen Resources for plan through Advisory comm process</b>	<b>January/February 2020</b>
Generation Resources Data Ready for ASCC/System Analysis Work	January 2020
All data inputs for models final	Late March 2020
Finalize model set ups related to analysis priorities	November 2019 - March 2020
<b>All models final and locked for use for runs for Plan</b>	<b>April 2020</b>
Model based analysis	March - July 2020
Develop and present draft plan findings	April - Sept 2020



# 2021 Power Plan High Level Work Timeline

## Part 3

Tasks	Timing
Write early sections of plan	May - July 2020
Update technical material posted online as available	Ongoing (replaces appendices)
Write final sections	June - September 2020
Draft plan presented to Council	October 2020 (final edits from Members received ahead of Nov meeting)
<b>Council releases Draft Plan for public comment</b>	<b>November 2020</b>
Public Hearings	January - February 2021
<b>Council Approves Final Plan</b>	<b>April 2021</b>

