

### Appendix C: Deficiency and Preferred Supply Resources

Company	IRP File Date	Jurisdiction	Year of Peak Day Deficiency	Preferred Supply Resources Selected
<b>Avista</b>	August 31, 2018	Idaho; Oregon; Washington	No deficiency in planning horizon	N/A
<b>Cascade</b>	January 25, 2018/ December 14, 2018	Oregon; Washington	2023 (OR), 2019 (WA)	Realign delivery rights; incremental GTN, NWP and other upstream pipeline capacity.
<b>FortisBC</b>	December 14, 2017 – next IRP proposed to be filed no later than 2022 (subject to direction by the regulator).	British Columbia	2022 - Interior Transmission System; 2028 – Vancouver Island Transmission System. Coastal Transmission System – potential constraints as early as 2024 depending on natural gas for transportation and LNG export uptake. To be reassessed in next IRP.	Additional compression, pipeline looping or LNG storage.
<b>IntGas</b>	July 2017	Idaho	No deficiency within 5-year planning horizon.	N/A
<b>NW Natural</b>	August 24, 2018	Oregon; Washington	2020	Energy efficiency; Mist recall; renewable natural gas (RNG); Central Coast feeder upgrading; additional pipeline capacity (specific pipeline dependent on scenario).
<b>Puget Sound Energy</b>	November 15, 2015	Washington	2022-23	Acquire energy efficiency; upgrade Swarr propane air facility; LNG distribution piping upgrade; NW Pipeline/Westcoast Pipeline expansion; acquire more Westcoast capacity to Station 2.