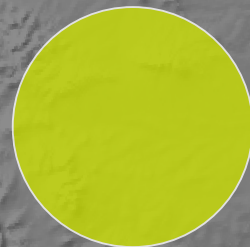


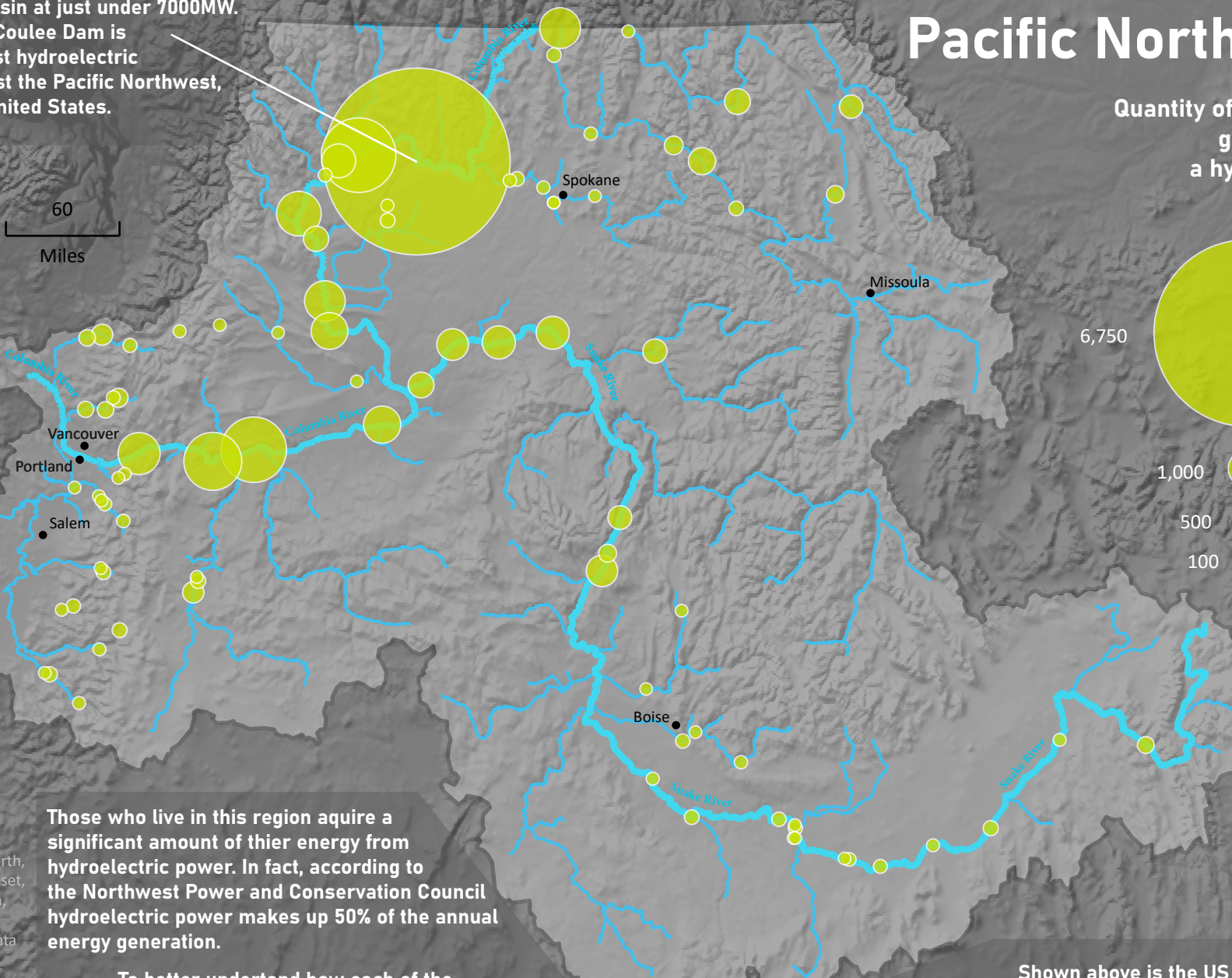
The Grand Coulee Dam / Power-plant generates the most megawatts in the Columbia River Basin at just under 7000MW. In fact, the Grand Coulee Dam is actually the highest hydroelectric producer of not just the Pacific Northwest, but of the entire United States.

Electric Veins of the Pacific Northwest

Quantity of megawatts generated by a hydroelectric powerplant



60
Miles



Author: Devin Porter
Date: 12/14/2020
Data Sources: Natural Earth,
USGS Hydrographic Dataset,
US EIA Powerplants Data,
National Map Hydrology
Watershed boundary Data

Projection: Lambert
Conformal Conic
Scale: 1:5,000,000
Central Meridian: 117.35° W
Standard Line 1: 43.847° N
Standard Line 2: 46.533° N

Those who live in this region acquire a significant amount of their energy from hydroelectric power. In fact, according to the Northwest Power and Conservation Council hydroelectric power makes up 50% of the annual energy generation.

To better understand how each of the mapped power plants affects residents know that 1MW can power ~400-900 homes. That means that the Grand Coulee Dam alone powers around 4.5 million homes

Shown above is the US section of the Columbia River Basin. This region is well known for its use of hydroelectric power along many of the waterways that feed into the extremely large Columbia and Snake rivers.