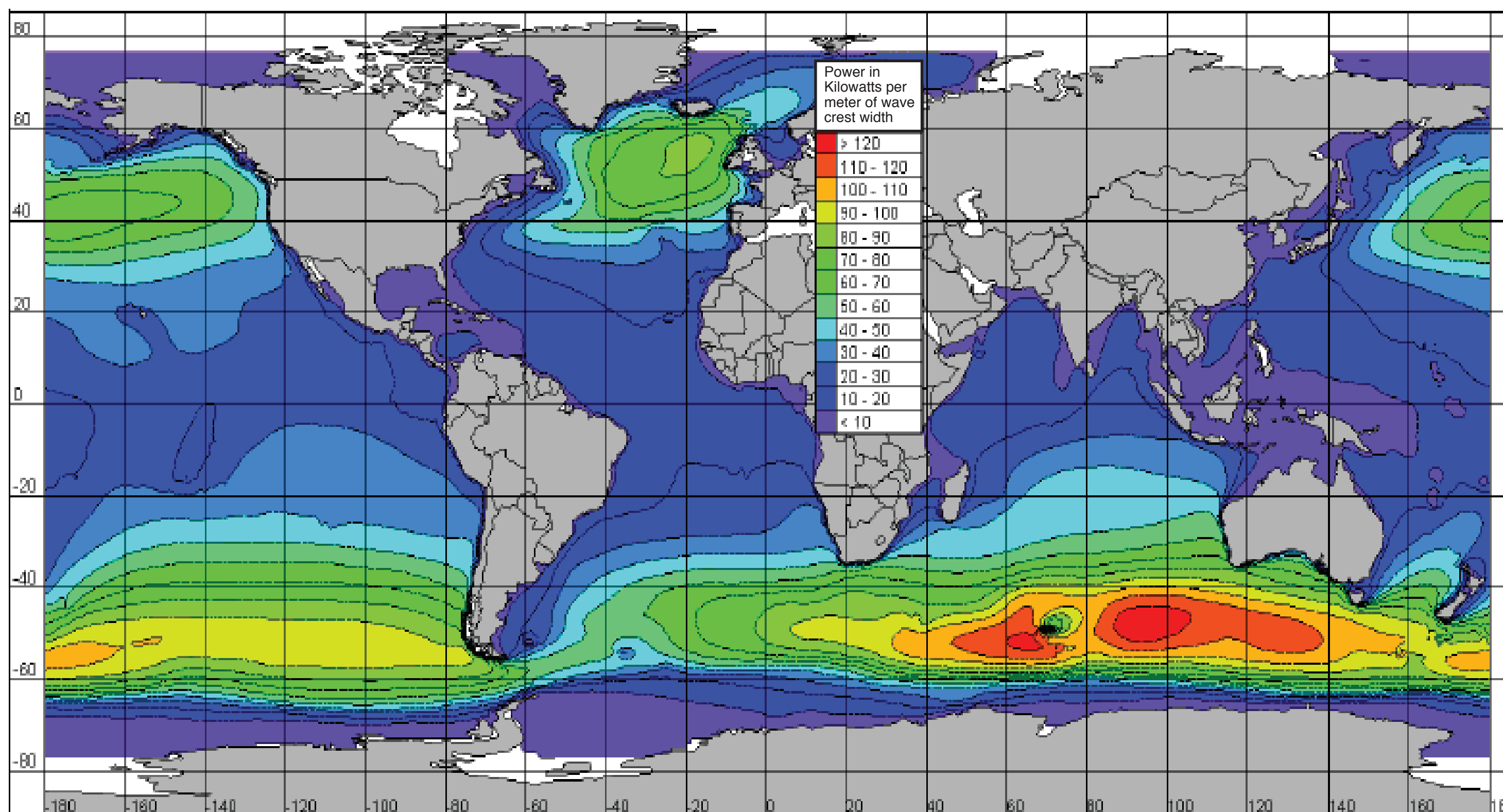


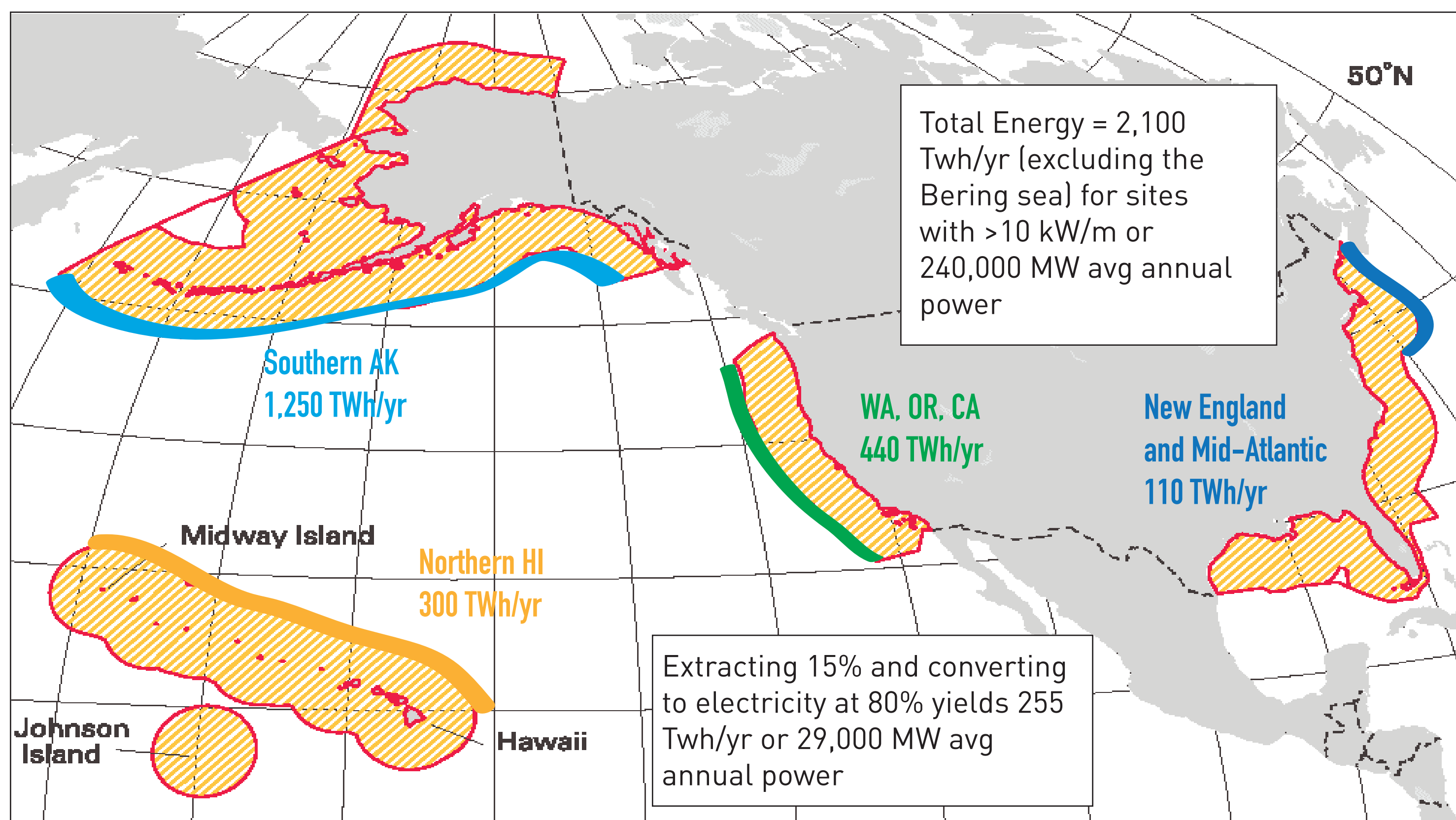
Wave Energy Resource Potential

Worldwide Wave Power Density



This worldwide wave power density map shows that the coast lines with the highest potential wave energy are facing west, with a large ocean to the west and north, with southern latitudes of about 30 to 60 degrees.

U.S. Wave Energy Resources



According to an EPRI study, the available wave energy resource of the U.S. is about 2,100 terawatt-hours (TWh) per year (1 TW = 1,000,000 megawatt). Assuming that society in the future will develop 15% of the potential wave energy with typical efficiencies, the U.S. potential is about 255 TWh per year. This is about 6.5% of total U.S. electricity generation. This is enough to power about 22 million homes (the typical U.S. home uses an average of about 1.3 kilowatt).