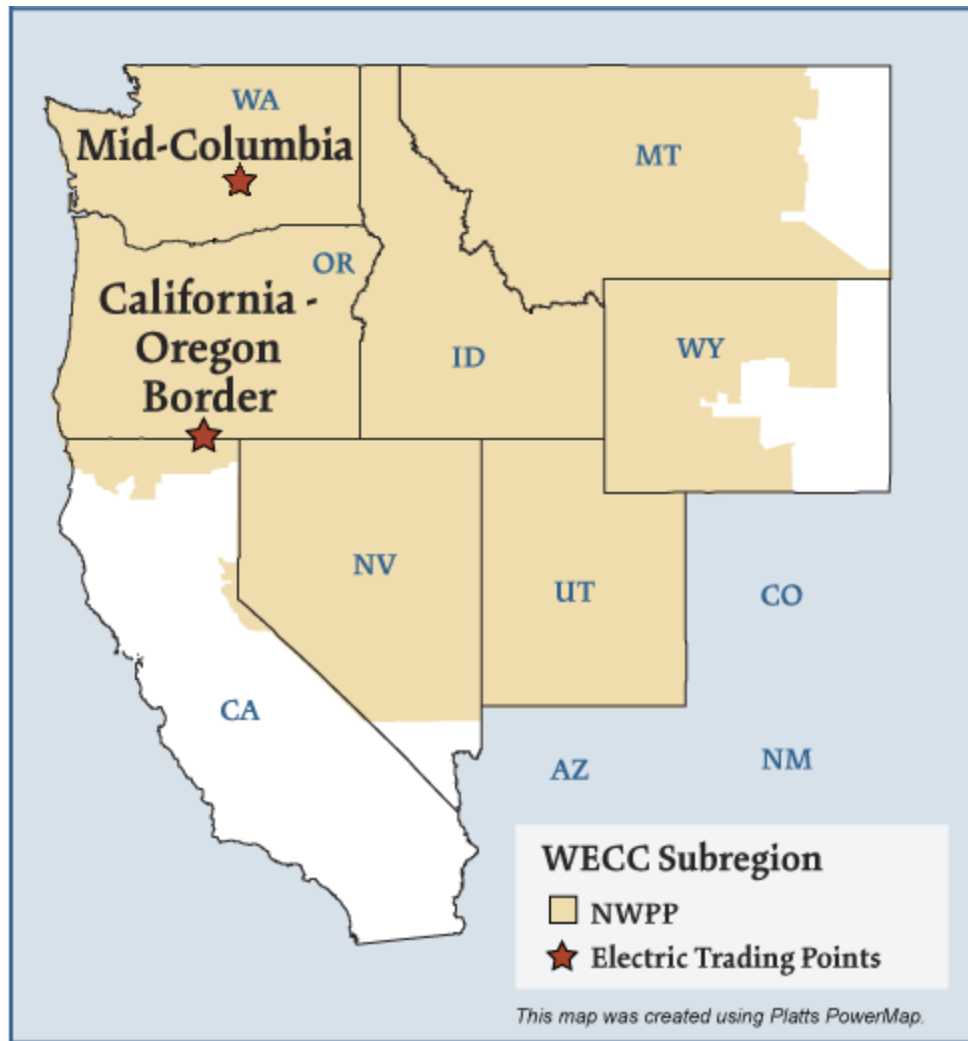


# Northwest Electric Market



## Overview

### Geography

States covered: All or most of Washington, Oregon, Idaho, Utah, Nevada, Montana, Wyoming and part of California.

Reliability region: Northwest Power Pool Area (NWPP) sub-region of the Western Electric Coordinating Council (WECC).

Balancing authorities: See page 5.

Hubs: California-Oregon Border (COB), Mid-Columbia (Mid-C)

### RTO/ISO

None

## Demand

All time peak demand winter: 43,513 MW (2009)

Peak demand growth: 3.1 % (2008-2009)

Winter Peak Demand (MW): 27,273 (2006), 36,326 (2007), 42,214 (2008), 43,513 (2009)

Derived from FERC FORM 714

## Prices

Index Annual Average of Daily Bilateral Day Ahead On-Peak Prices:

ICE California-Oregon Border (COB) Hub:

\$51.68/MWh (2006), 59.86/MWh (2007), 73.42/MWh (2008), 35.40/MWh (2009)

ICE Mid-Columbia (Mid-C) Hub Index

\$47.98/MWh (2006), 53.59/MWh (2007), 64.48/MWh (2008), 35.25/MWh (2009)

Physical and financial electricity products are traded through brokers using the Mid-Columbia (Mid-C) and California-Oregon Border (COB) hubs as pricing points.

## Interconnections/Seams

The region relies on hydroelectric production for approximately two thirds of its electricity needs. In most years, Northwest sells surplus power into California and the Southwest.

## Balancing Authorities in the Northwest Electric Market

### Balancing Authority

Alberta Electric System Operator  
Avista Corp.  
Bonneville Power Administration  
British Columbia Transmission Corporation  
Idaho Power Company  
NorthWestern Energy  
PacifiCorp-East  
PacifiCorp-West  
Portland General Electric Company  
PUD No. 1 of Chelan County  
PUD No. 1 of Douglas County  
PUD No. 2 of Grant County  
Puget Sound Energy  
Seattle Department of Lighting  
NV Energy (Sierra Pacific Power Company)  
Tacoma Power  
Western Area Power Administration - Upper Great Plains West  
Sacramento Municipal Utility District  
Turlock Irrigation District

### NERC Acronym

AESO  
AVA  
BPAT  
BCHA  
IPCO  
NWMT  
PACE  
PACW  
PGE  
CHPD  
DOPD  
GCPD  
PSEI  
SCL  
SPPC  
TPWR  
WAUW  
SMUD  
TID

### Contact Information

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