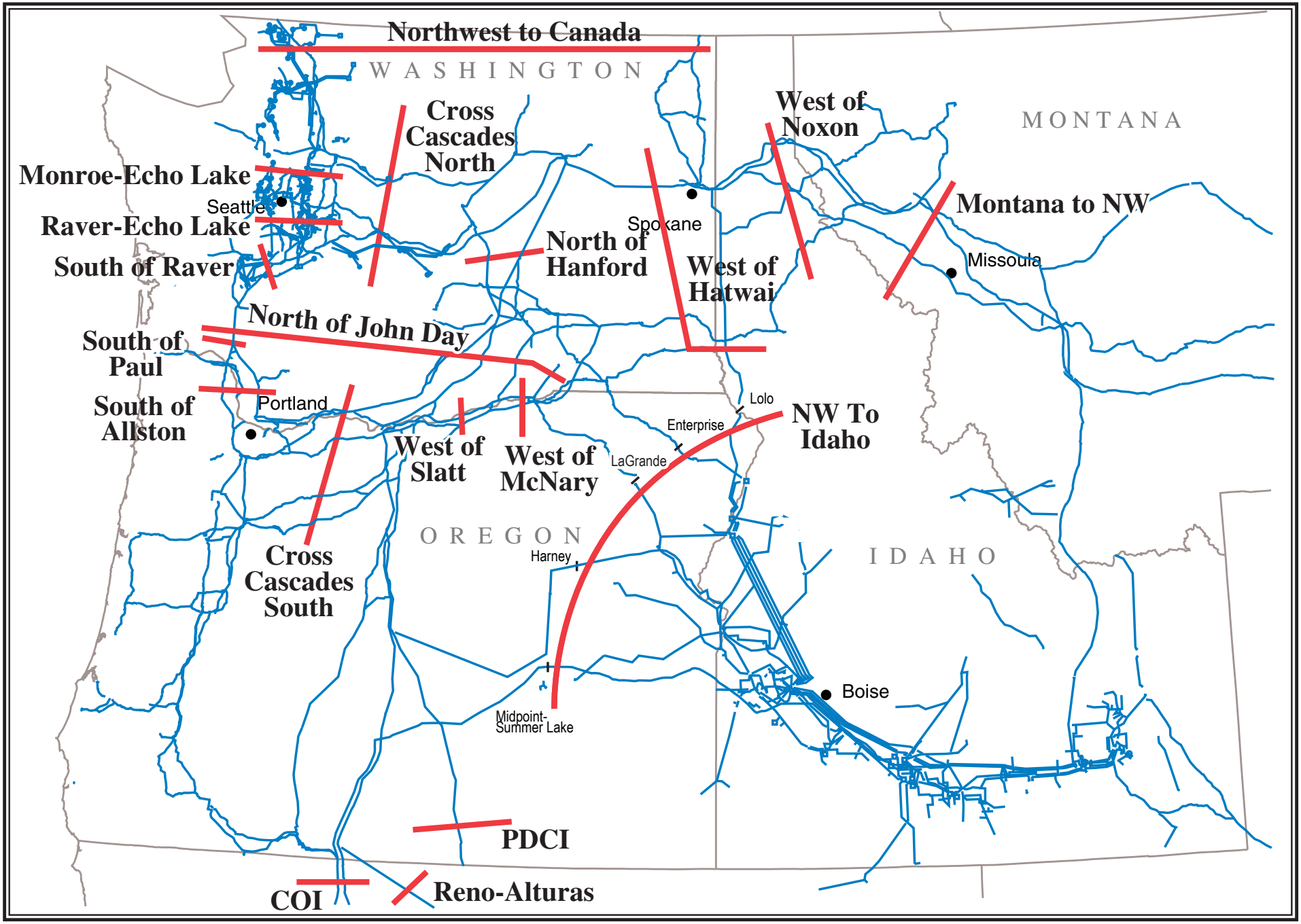NW Constrained Paths