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November 7, 2017

### MEMORANDUM

**TO: Council Members**

**FROM: Ben Kujala**

**SUBJECT: Implications of the California solar surplus on West Coast power markets**

### **BACKGROUND:**

**Presenter:** Randy Hardy

**Summary:** At the Council Meeting in Coeur d'Alene, Randy Hardy of Hardy Energy Consulting Co, will discuss the impacts of the California all-solar path to meet its 50% Renewable Portfolio Standard by 2030. He will analyze the operational challenges of this approach, (1) its likely effect on West Coast power prices and transmission flows; and (2) the mix of possible measures to mitigate its most adverse impacts.

**Background:** Randy Hardy is an energy consultant who has closely followed California energy policy since before the 2001 energy crisis. He was the Bonneville administrator from 1991 to 1997 and was the Superintendent of Seattle City Light prior to that.

**More Info:** <http://hardyenergy.com/>