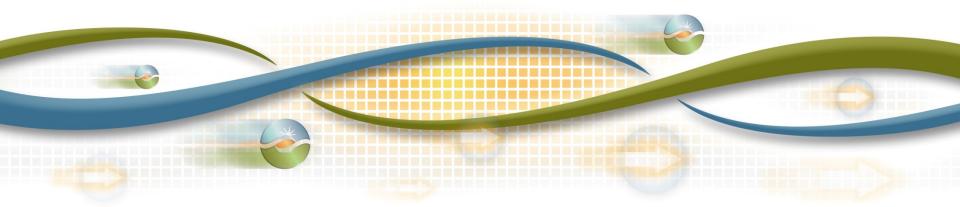


#### Market Performance Update

Nan Liu Manager, Market Development and Analysis

Board of Governors General Session November 4, 2015

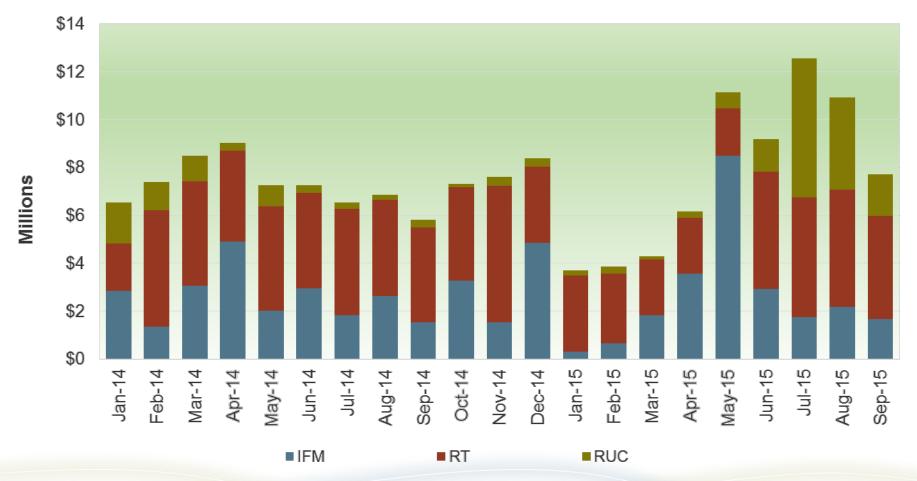


While prices trend down in September, 15-minute market prices remain less than the day-ahead and 5-minute market.



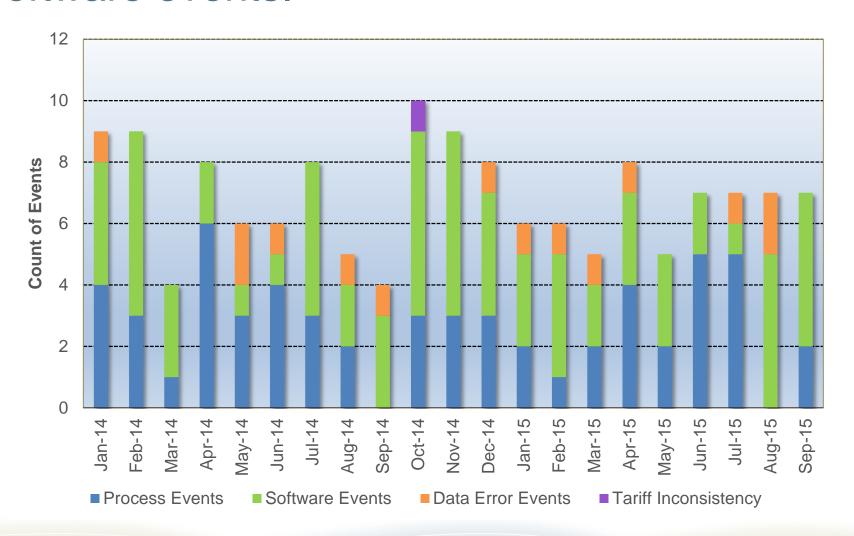


Bid cost recovery decreased in September as need for residual unit capacity in day-ahead market reduced.



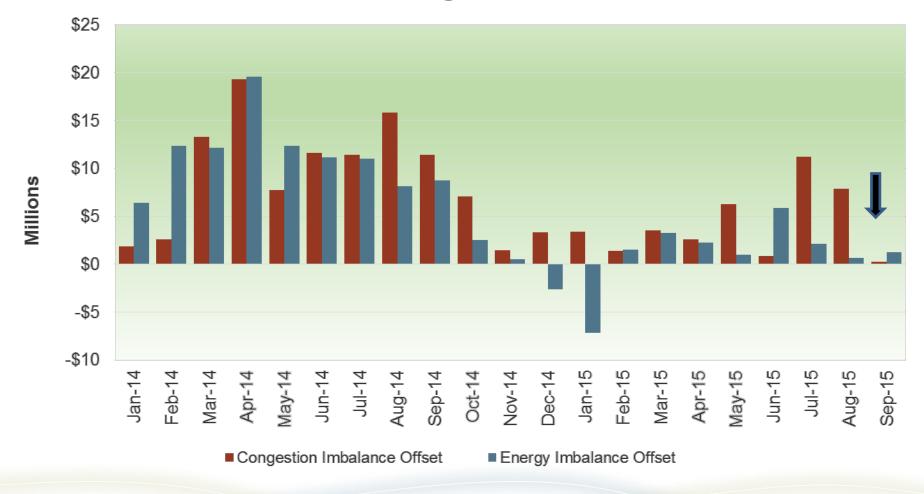


#### Price correction events in September driven by software events.



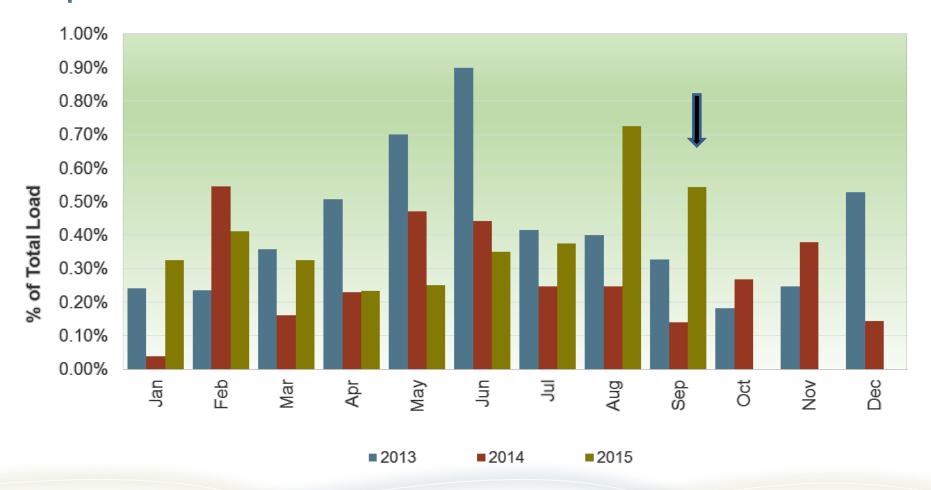


# ISO area real-time congestion offset cost decreased in September as day-ahead and real-time conditions aligned.



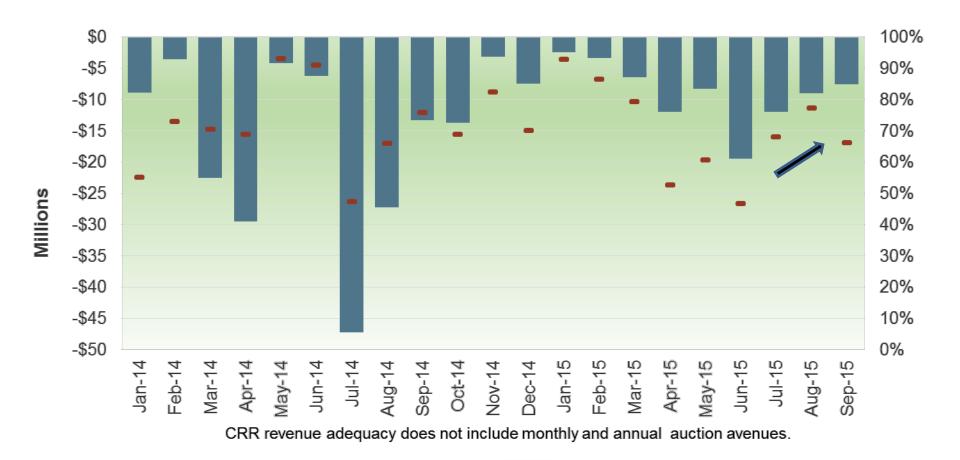


## Exceptional dispatch volume in the ISO area declined in September as forecasted conditions improved.





#### Congestion revenue rights market saw improved revenue adequacy since June.



Percent of Revenue Adequacy

Revenue Adequacy



### EIM transfers between PacifiCorp to ISO decreased in September due to maintenance between PACE and PACW.

