

# **Review of Nexant Cost Determinants for FY 2017**

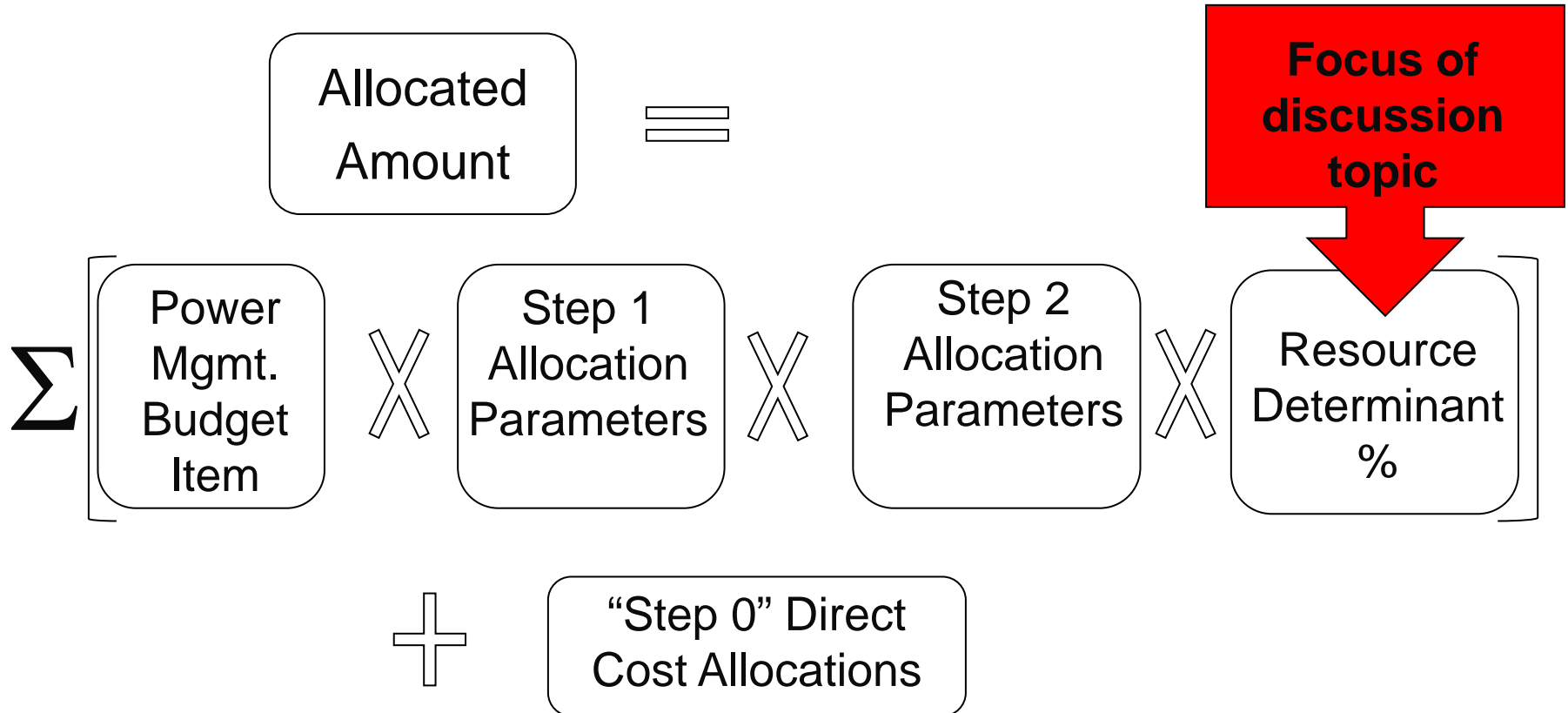
**NCPA Facilities Committee Meeting  
February 16, 2016**

## FY 2017 Nexant Cost Allocation Model Topics

- Review and finalize current year Nexant Cost Allocation Model results with updated Calendar Year 2015 data;
- Identify and review source and magnitude of changes to members' costs that result from change in determinants
- **Note:** This review does not include FY 2017 Budget Amounts or anticipated, recommended changes to Nexant Model allocators.

# Nexant Cost Allocation Model Overview

## The Nexant Cost Allocation Formula



# Initial FY 2017 Nexant Cost Allocation Model updated with CY 2015 determinants

	General Power Mgt	Direct Assignments	Pool Allocation	System Integration	FY 2017 Power Mgmt Total Pwr Mgmt	FY 2016 Total Pwr Mgmt	Increase (Decrease)
Alameda	\$611,971		\$273,932	\$44,141	<b>\$930,043</b>	\$978,059	(\$48,016)
BART	\$462,974	\$153,457	\$100,354	\$17,001	<b>\$733,786</b>	\$644,770	\$89,016
Biggs	\$31,806		\$18,777	\$1,246	<b>\$51,828</b>	\$63,198	(\$11,370)
Gridley	\$44,688		\$32,120	\$7,625	<b>\$84,433</b>	\$78,257	\$6,176
Healdsburg	\$116,058		\$58,484	\$4,003	<b>\$178,545</b>	\$195,799	(\$17,254)
Lodi	\$675,494		\$316,985	\$21,966	<b>\$1,014,445</b>	\$971,636	\$42,809
Lompoc	\$180,513		\$91,241	\$6,377	<b>\$278,132</b>	\$285,394	(\$7,263)
Palo Alto	\$987,327		\$579,196	\$71,901	<b>\$1,638,424</b>	\$1,513,150	\$125,274
Plumas Sierra	\$191,366		\$115,945	\$18,489	<b>\$325,799</b>	\$396,983	(\$71,184)
Port of Oakland	\$201,506		\$114,209	\$8,453	<b>\$324,169</b>	\$313,571	\$10,598
Roseville	\$344,543	\$54,099	\$0	\$56,671	<b>\$455,313</b>	\$450,474	\$4,839
Santa Clara	\$2,942,717	\$54,099	\$0	\$181,346	<b>\$3,178,163</b>	\$3,316,572	(\$138,409)
Truckee-Donner	\$0	\$0	\$0	\$0	<b>\$0</b>	\$0	\$0
Turlock Irrigation District	\$105,839	\$7,682	\$0	\$34,002	<b>\$147,523</b>	\$141,551	\$5,973
Ukiah	\$247,592		\$118,811	\$14,148	<b>\$380,550</b>	\$346,376	\$34,174
	\$7,144,395	\$269,337	\$1,820,054	\$487,368	\$9,721,155	\$9,695,792	\$25,363
Direct to Programs - LEC	\$1,116,296	\$41,806		\$45,337	<b>\$1,203,438</b>	\$1,228,801	(\$25,363)
<b>2/25/2016</b>	<b>\$8,260,691</b>	<b>\$311,143</b>	<b>\$1,820,054</b>	<b>\$532,705</b>	<b>\$10,924,593</b>	<b>\$10,924,593</b>	<b>(\$0)</b>

# Corrections to CY 2015 Determinants in the Nexant Cost Allocation Model

## Resource Schedule Counts

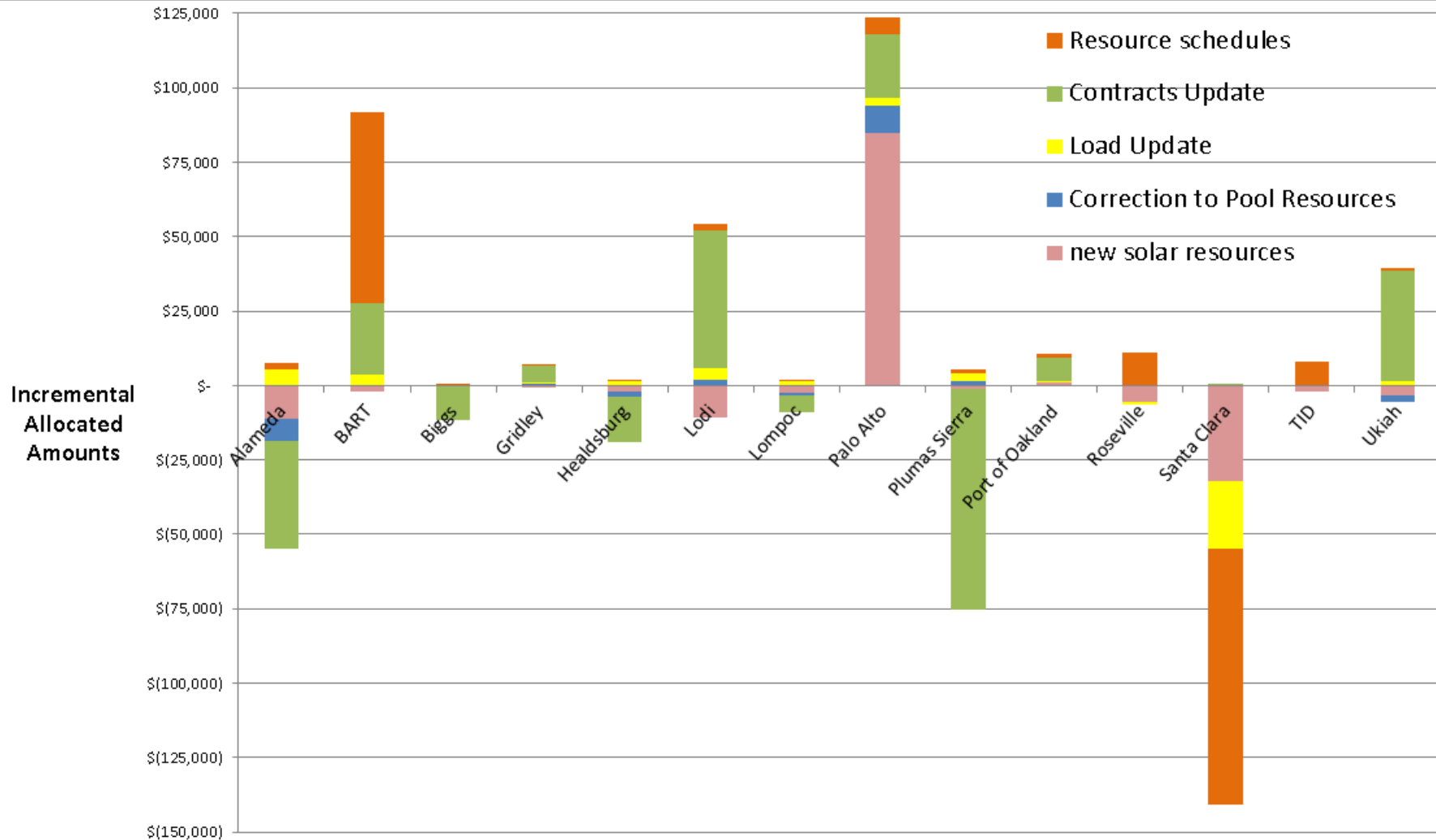
- Removed 288 total resource schedules from
  - DAF Pool Schedule Count – 144 records
  - DAF Pool CAISO Schedule Count – 144 records where Provname = ‘Capacity Max’ for the new Kettleman and Hayworth solar resources;
- Removed 6 total resource schedules from
  - HAF Pool Schedule Count – 3 records
  - HAF Pool CAISO Schedule Count – 3 records where Provname = ‘Capacity Max’ for the new Kettleman solar resource.

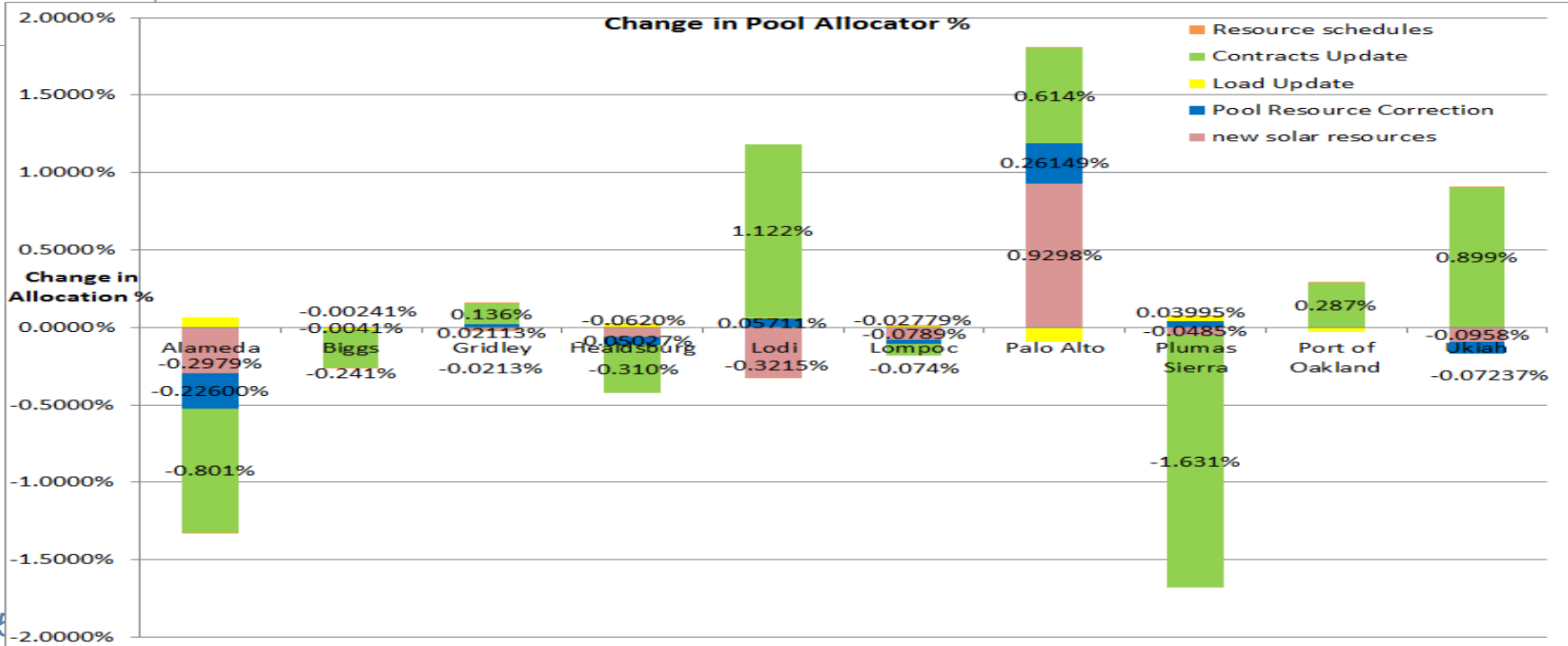
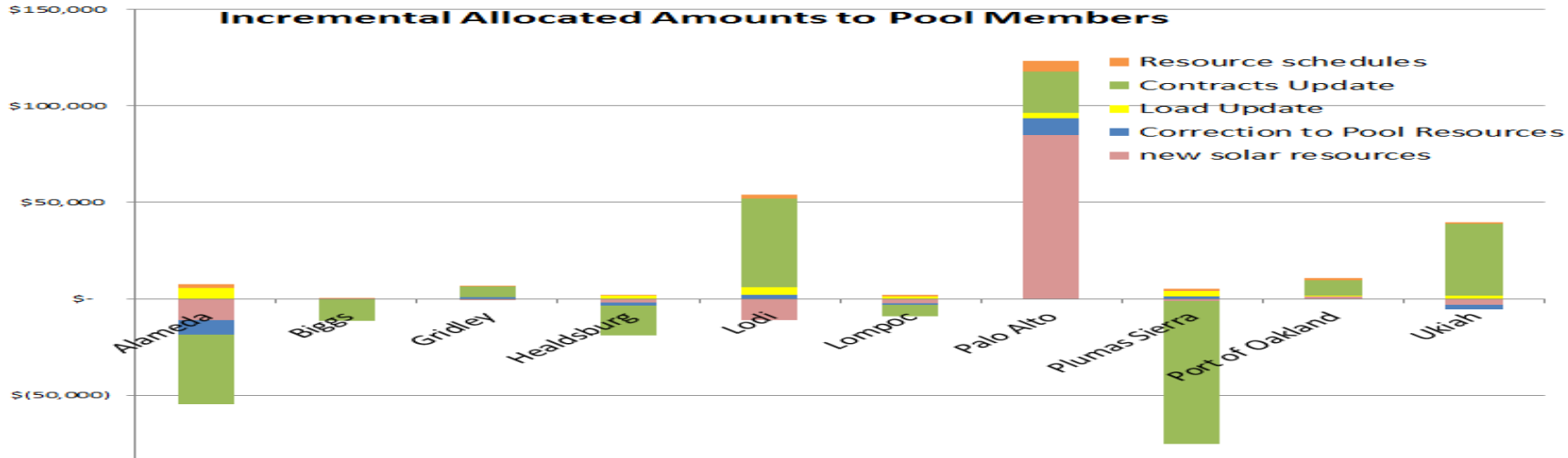
# Corrections to CY 2015 Determinants in the Nexant Cost Allocation Model

## Contract Counts

- Filtered out Deal IDs 1030061 and 1030034 for Kettleman and Hayworth, respectively, from SAS program that performs hourly contract counts and weight factors
- Resulted in approximate \$20k reduction to Palo Alto

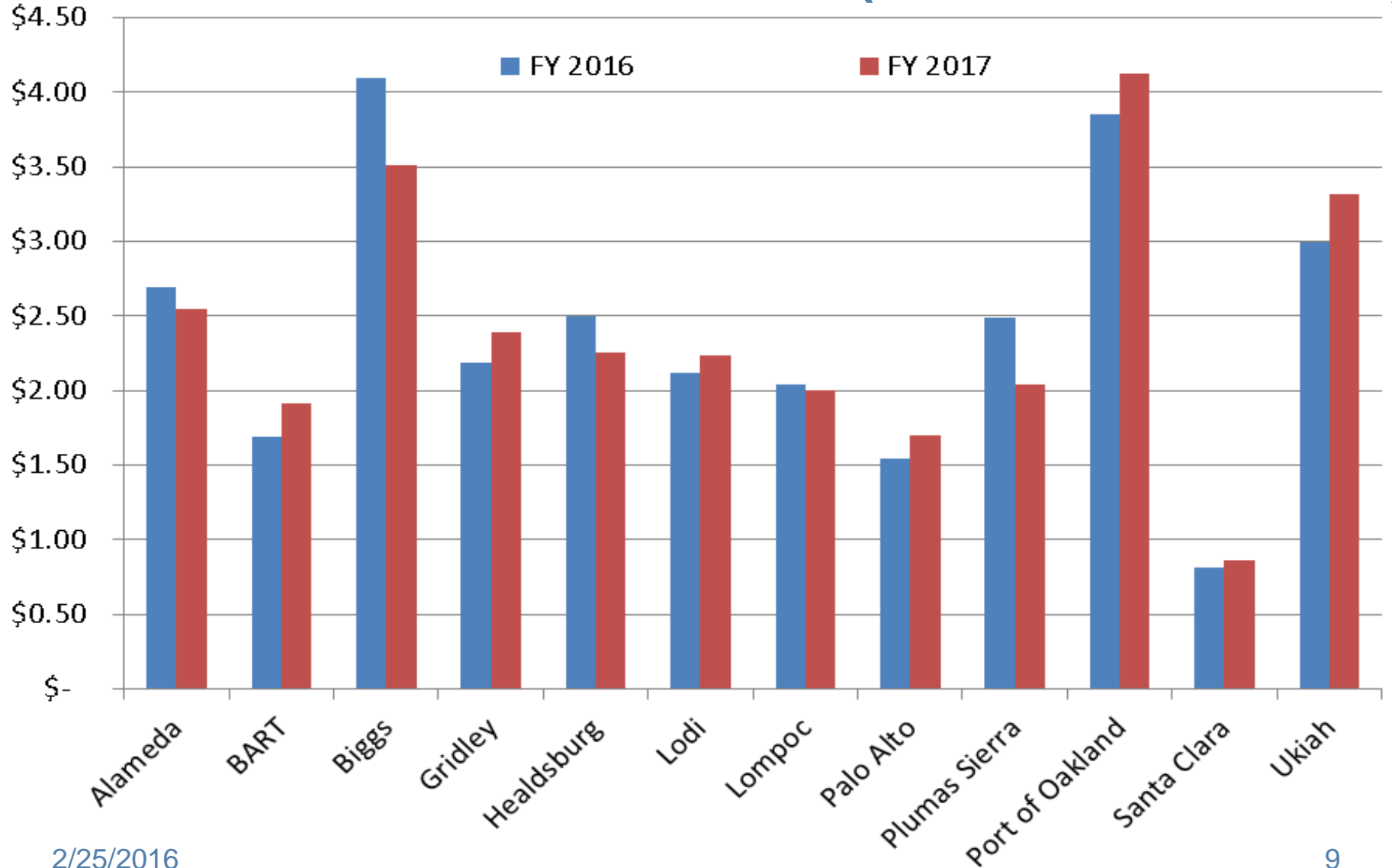
# Nexant Costs by Member – Magnitude of Changes due to updated Determinants







# Nexant Costs for each Member (\$/MWh load served)



Questions?