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April 2, 2013

# MEMORANDUM

- **TO:** Council Members
- **FROM:** Charlie Grist
- SUBJECT: Presentation on implementation of energy efficiency

This briefing is part of an overview of how energy efficiency is implemented by various entities around the Northwest. Last month, the Council looked at a graphic of the efficiency implementation web. We also heard from NEEA on its market transformation work. At the Council meeting in April, two utilities, with service territories in eastern part of the region, will discuss the implementation of energy efficiency programs from their perspectives.

Bruce Folsom, Director, Energy Efficiency Policy will brief the Council from the perspective of Avista Utilities. Avista is a large investor-owned utility that serves both electric and gas customers in four states. It serves 340,000 electric customers and has annual revenues of about \$1.5 billion. The other perspective will be delivered by John Francisco, Manager of Energy Services at Inland Power and Light. Inland is a public power cooperative which serves 38,000 mostly residential and largely rural customers. Inland has revenues of about \$60 million and primarily buys power from the Bonneville Power Administration.

Between them, the two presenters represent two very different utilities. We have asked them both to touch on the successes and challenges of implementing energy efficiency programs in their service territories in the region.

Attachments:

Presenter Bios Avista Presentation Inland Presentation

# **Biographies of Bruce Folsom, Avista and John Francisco, Inland Power**

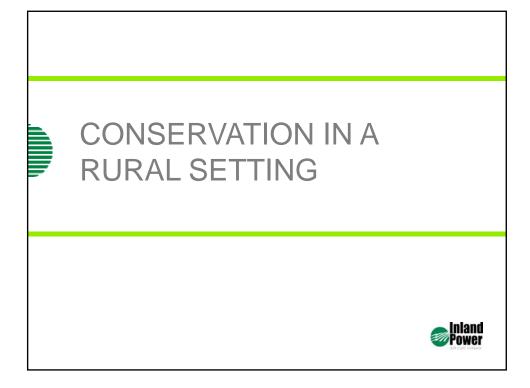
April 2, 2013

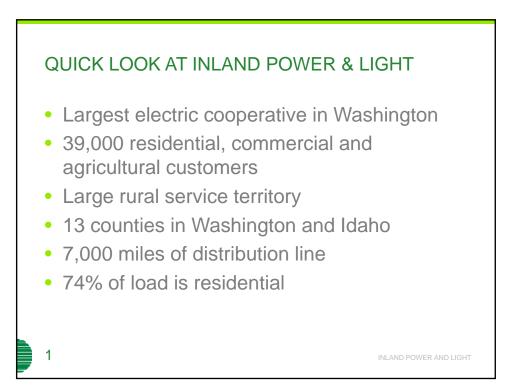
## **Bruce Folsom**

Bruce Folsom is Director of Energy Efficiency Policy for Avista Utilities. Folsom's career with Avista began in 1993 in the company's State and Federal Regulation Department. In 2006 he was asked to lead the growth of Avista's energy efficiency services before assuming his current position in August 2010. Prior to joining Avista, Folsom was employed by the Washington Utilities and Transportation Commission beginning in 1984, and then served as the Electric Program Manager from 1990 to February, 1993. From 1979 to 1983, he was the Pacific Northwest Regional Director of the Environmental Careers Organization, a national, private, notfor-profit organization. Folsom has testified as an expert witness in over two dozen formal cases in four jurisdictions and promotes mutual gain approaches through cooperative efforts with interested parties and stakeholders. Folsom has been recognized for his leadership in energy efficiency in North America, winning several national and regional awards. Folsom is a member of the Board of Directors of the Northwest Energy Efficiency Alliance and is a member of the Regional Technical Forum's Policy Advisory Committee. Folsom holds a Master of Business Administration degree from Seattle University and Bachelor of Arts and Bachelor of Science degrees from the University of Washington.

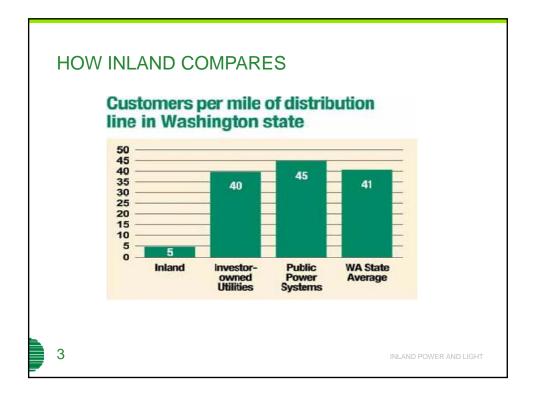
### John Francisco

John Francisco has been with Inland Power for 18 years. A licensed CPA, he began his career in the finance group. After five years he moved to IT, where he was tasked with building the one person IT department into a highly functioning business unit. He presently oversees the IT department, and it now numbers four staff and manages all the critical technical infrastructure of the utility. Beginning in 2007 John was asked to spearhead the construction of Inland's new headquarters campus with 50,000 square feet of office, warehouse and fleet maintenance facilities. In January of 2010, he took the reins of the conservation initiative, leading the change in conservation at Inland from a BPA funding conduit to an integrated resource for the utility.

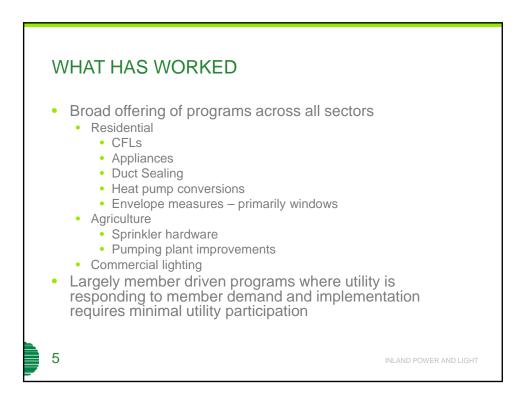


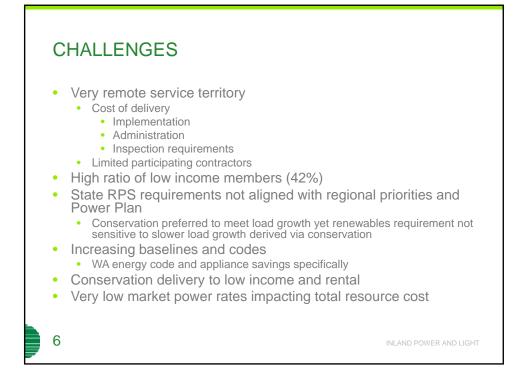




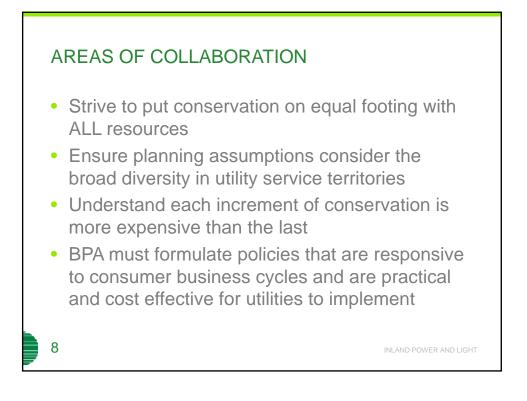


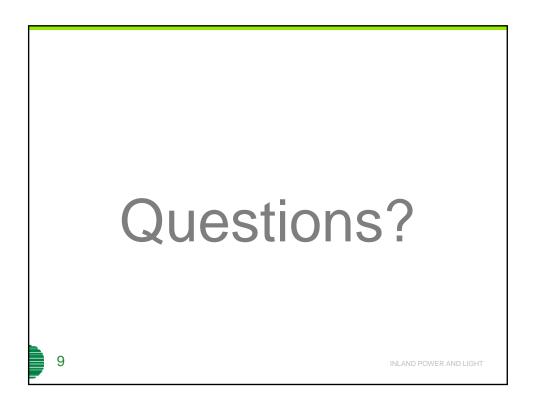


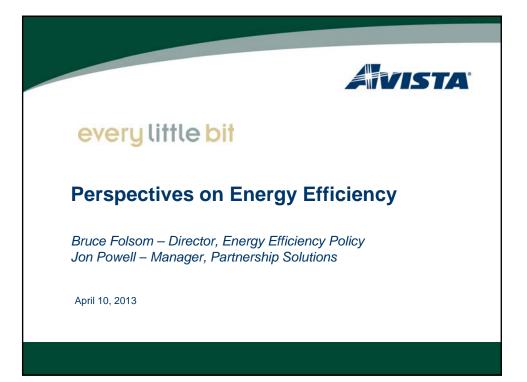


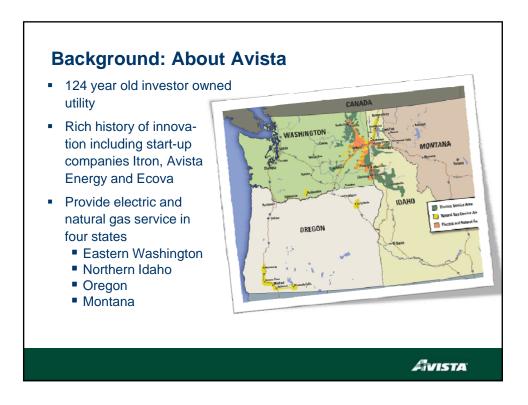


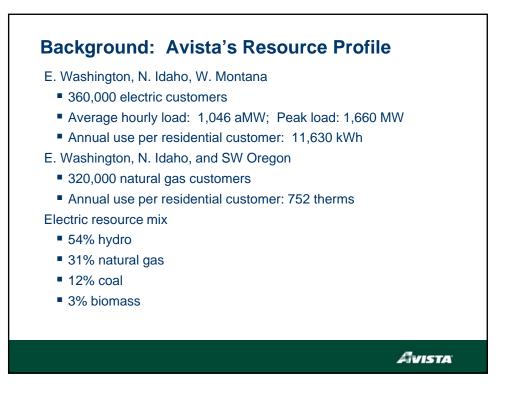


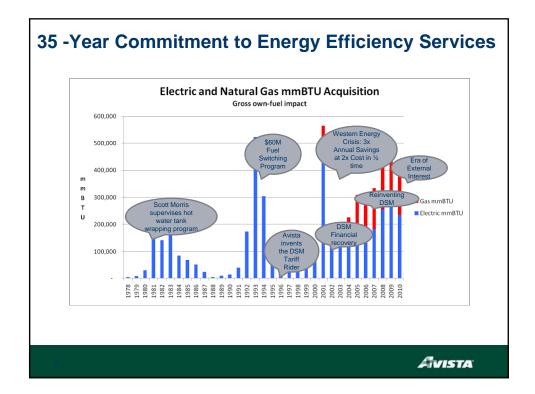




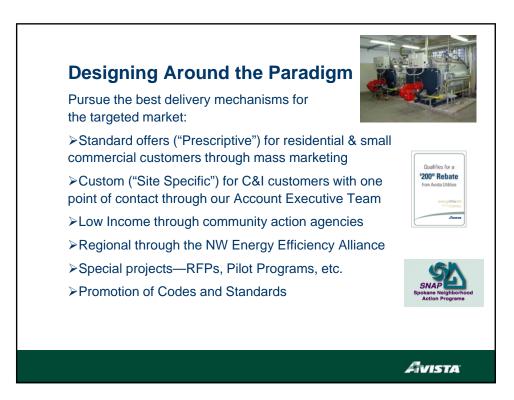




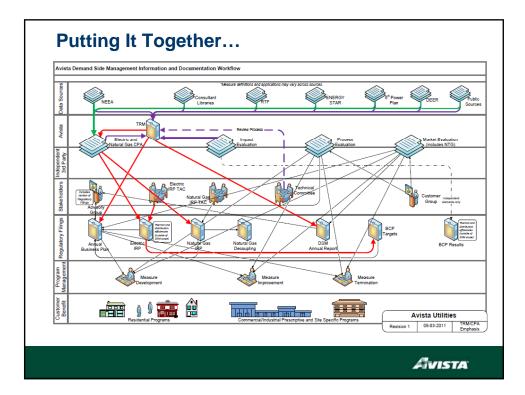


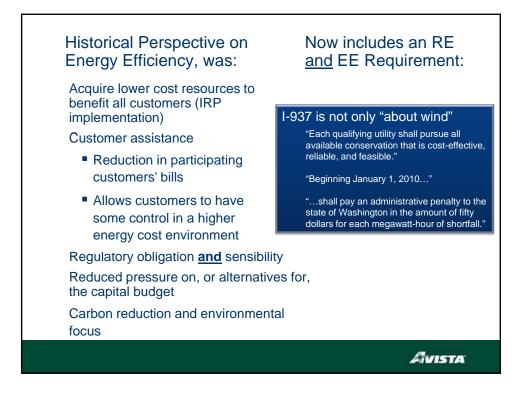


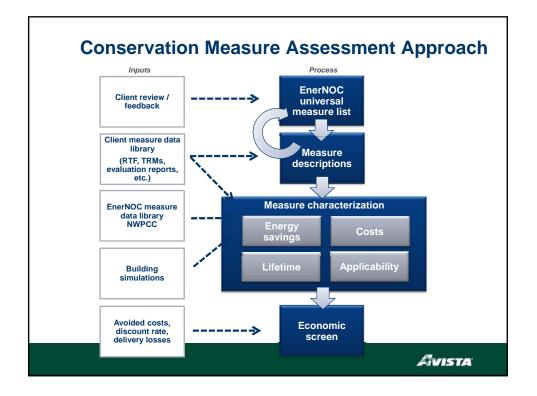


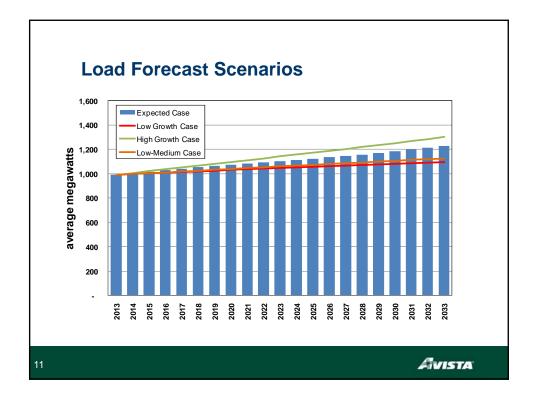


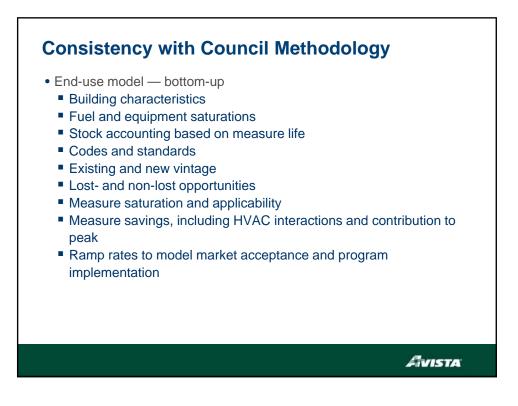


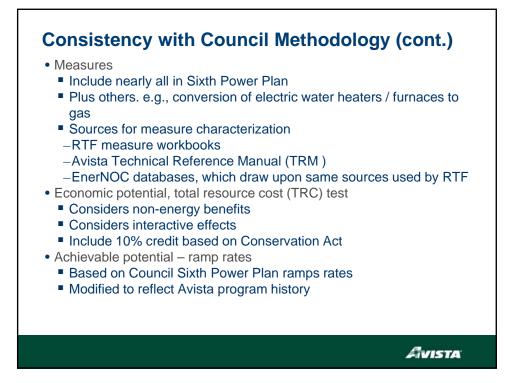


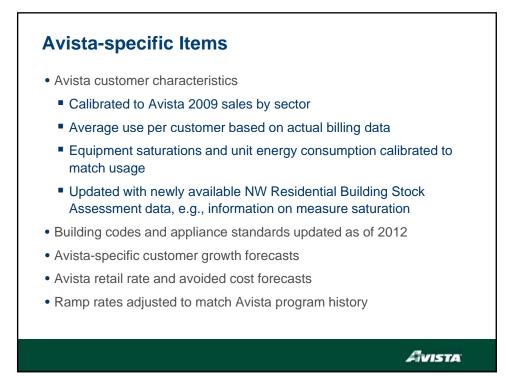


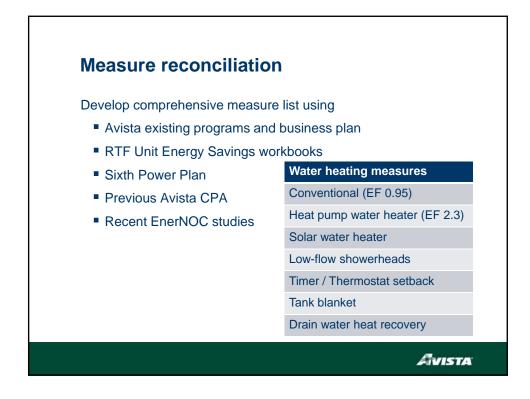


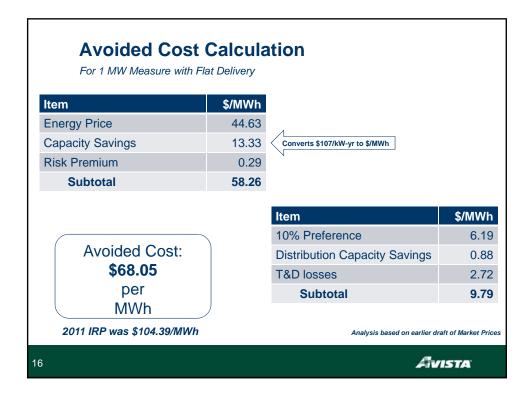




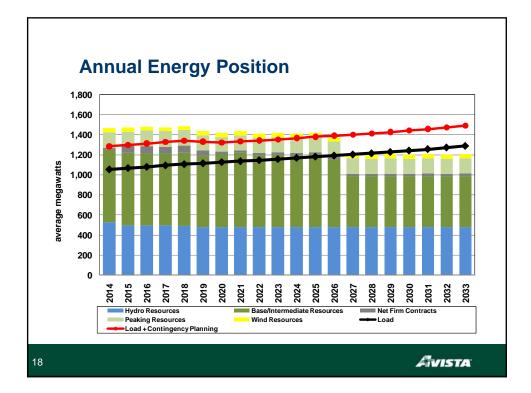


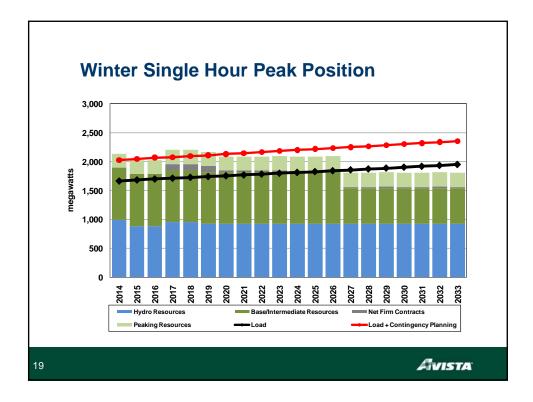


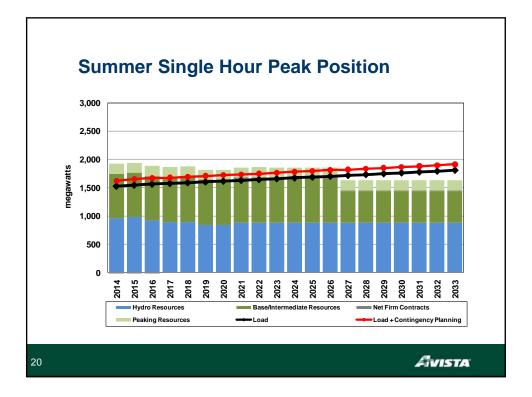


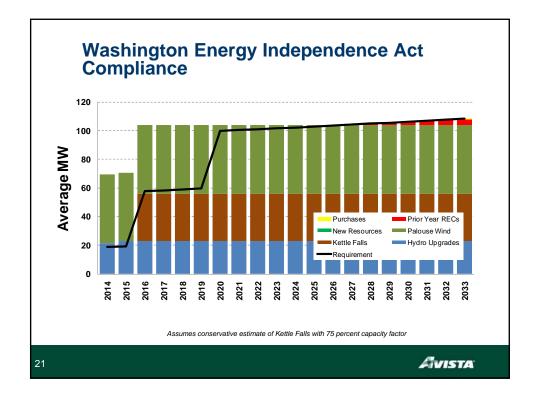


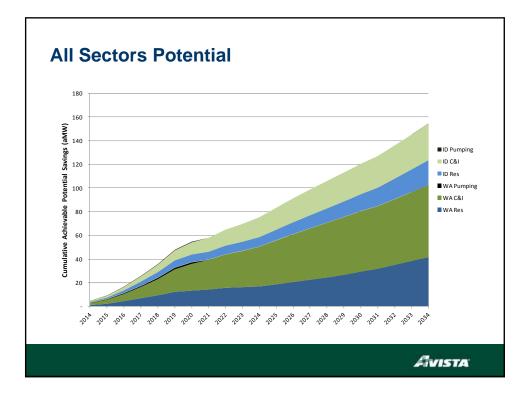
Resource	By the End of Year	Winter Peak (MW)	Energy Capability (aMW)
SCCT	2019	88	69
Rathdrum CT Upgrade	2021	2	6
SCCT	2023	46	40
SCCT	2026	78	62
CCCT	2026	281	245
SCCT	2029-32	79	69
Generation Total		574	491
Conservation	2014-33	199	147
Demand Response	2022-30	20	0
Distribution Efficiencies	2014-16	<1	<1

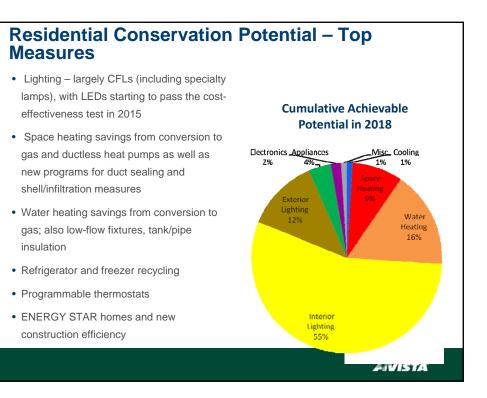


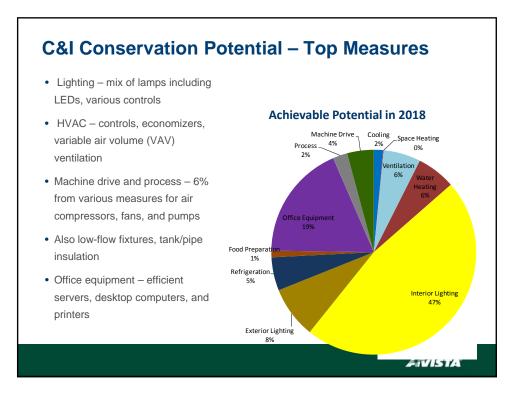


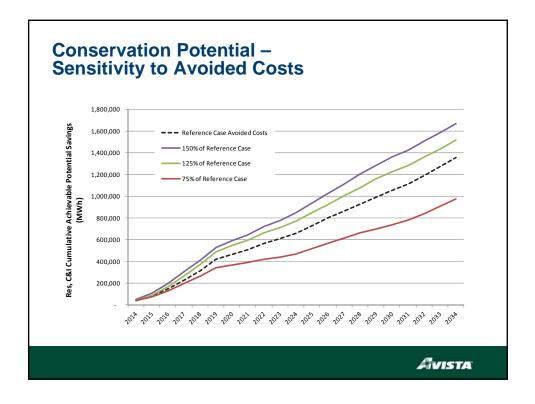


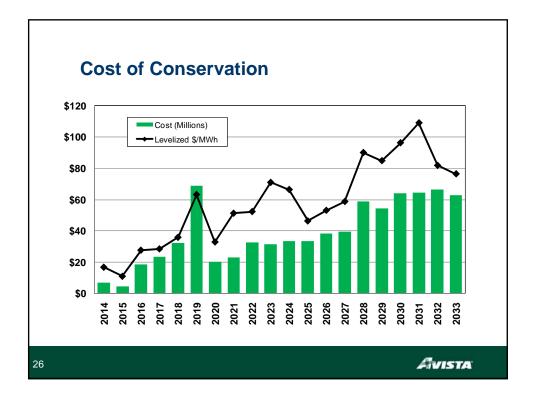


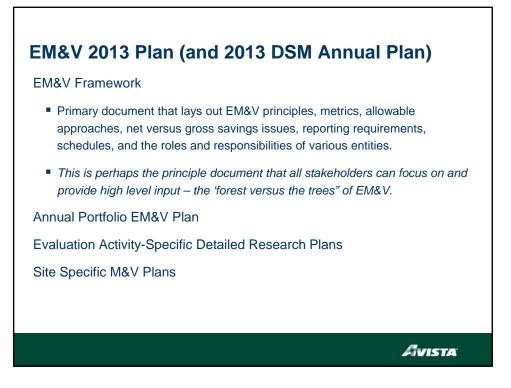


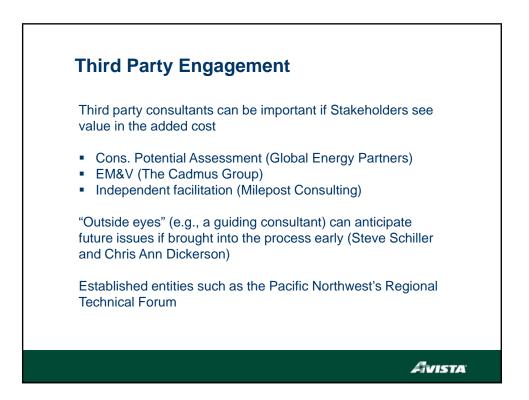












# **Avista Advisory Group**

Non-binding oversight, policy & technical advisory committee

Meets (in-person or by Webinar) at least once per quarter

Regular reporting & Periodic Newsletters



### AVISTA

# Conclusions re EM&V

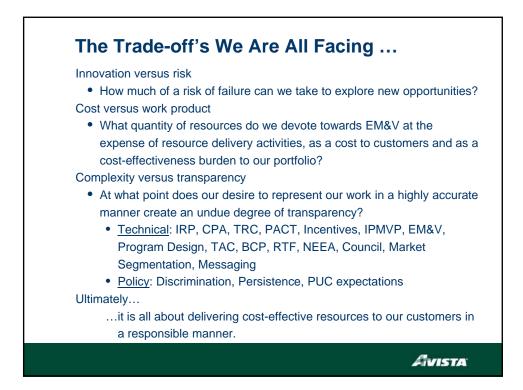
Meaningful story for every kWh and therm saved by measure and program...with transparent and accessible documentation

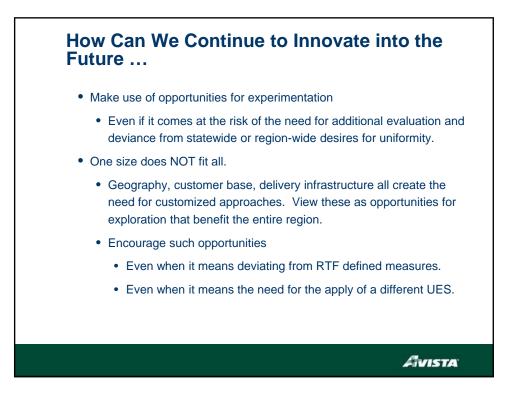
 All stakeholders satisfied that the EM&V policy and technical (i.e., quantitative methods) components are appropriately planned for company implementation and reporting

Having more effective EM&V allows Avista to provide more consistent and effective:

- Regulatory compliance through documented benefits
- Program planning through feedback
- Energy resource planning through documented savings projections
- Customer service and satisfaction through providing effective efficiency measures and documenting customer value

### AVISTA





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