Retrocommissioning
Re-Commissioning

• The Role of the Utility
• Current Program Climate and Changes
Retrocommissioning
The role of the Utility

Stimulate the Customer through the Business Case to Engage.

DR. Emmett Brown- Back to the Future... Mad Scientist Guy
Christopher Loyd
Retrocommissioning
The role of the Utility

Market transformation
Change Agent Helping Meet AB 758

3.3.6 Special Skills Training: Include special skills training in core WE&T activities to help meet demand, spur innovation and increase the body of knowledgeable building professionals.

- Retro-commissioning (RCx): Work with the California Commissioning Collaborative (CCC) to integrate retro-commissioning curricula into core WE&T training and education programs.

RCx is standard practice for buildings 25,000 sf and bigger by 2020

CCC, BOMA, Community colleges, trades organizations, utility WE&T programs,
sometimes the things we can’t change end up changing us
Current Landscape

- **RCx as a method or process** - not a ‘measure type’
- **Pressure points:**
  - Standard Maintenance and ‘repairs’
  - Widget based categories applied to commissioning- above code savings only???
    - Retrofit Add-On using EUL/RUL rules eliminates older systems
  - Code compliance as baseline with no future commissioning eligible
Program Issue & Redesign

Existing Condition

- Repair(s)
- Historical RCx Saving Claim
- VAV Damper Repair
  (May vary well resolve entire issue without additional benefit)

- Measure Cost: $300,000
  Project cost not included

- Must Identify Root Causes to Gain Full Potential Of The Measure Outcome.
  Investigation Cost + Limited Incentive/savings= Lower TRC

Operating Condition Baseline

- Commission Guidance
- Duct Static Reset

Strategic /Optimized Verified Condition

- Commissioning
- Measure Cost: 3-5K
  Available Incentive: ~$1,500-2,500

Program Issue & Redesign is necessary for 2016
Utility Supported RCx
Look into the future

Utility Savings Program

Non-Resource Program??

Re-Commissioning??