

TC9.9 - Building Commissioning Research Subcommittee Report

2002 Annual Meeting
Saturday, Jan 13, 2002, 1:00-3:00pm.
Atlantic City Convention Center
Kristin Heinemeier

1. Funded Projects

Priority	Title	Status	Contractor	Notes
	RP 1032 - Identification and Preservation of Building Design Information for Use in Commissioning and Operations	In-Progress	PECI	Reps on PMS: JR Anderson and Eli Howard. Project complete, final report has been delivered, being reviewed at this meeting.
	RP 1137 - Field Performance Assessment of VAV Control systems Before and After Commissioning	In-Progress	Patrick Fleming/ Stantech Consulting	Reps on PMS: Larry Fisher

2. Projects in the Pipeline (75 minutes)

Priority	Title	Status	Author	Notes
1	Impact of Commissioning HVAC Systems on Life Cycle Cost	RTAR Work Stmt	Kristin Heinemeier	Submitted to R&T for consideration at Summer 01 meeting...rejected. Comments: that it is too difficult to estimate difference between costs with- and without-commissioning. Subcomm. should consider rescoping and resubmitting.
2	Field Performance Assessment of Package Equipment to Quantify the Need for Monitoring, FDD, and Continuous	RTAR Work Stmt	Todd Rossi	Co-sponsored and championed by 4.11; RTAR was rejected previously, but comments were addressed in revising WS. We should have the latest draft at our meeting. (minor mods to the

	Commissioning			version in this packet) ready to approve.
3	Quantifying Building Energy Performance Persistence of Savings after Retro-Commissioning	RTAR Draft Work Stmt	Ken Gillespie	Author working on Work Statement. RTAR was rejected with comments.
4	The Impact of Commissioning on Comfort	RTAR	Dave Shipley	New item. Considerable interest. Coordinate with TC 2.1 and SSPC 55.
5	WS 1115 - Identification of Ideal Monitoring Data Points for Commissioning Support During HVAC Design	RTAR Draft Work Stmt	Dave Shipley	Submitted, accepted, and contractor selected before Tech Council turned it back. We believe some parts may be done by others, so we will reassess need for project, and rescope/redraft WS if necessary. Dave will follow up with Ken Gillespie (PG&E), PECEI, and TC1.7 (GPC 4) and make recommendation at next meeting whether to resubmit or drop.

3. Old Ideas

Priority	Title	Status	Author	Notes
	Development and Implementation of Commissioning Strategies for Optimal Control Evaluation	One pager	Dave Shipley	Deferred unless 4.6 is interested in moving it forward. Potentially co-sponsored by 4.6.
	The Building Automation System's Role in Commissioning of HVAC Systems	One pager	Jim Gartner	Deferred unless 1.4 is interested in moving it forward. Could be related to WS 1115. Potentially co-sponsored by 1.4.
	Automated Tools for Managing the Commissioning Process		Karl Stum	This is being looked at by PECEI. Delete or recast to dovetail with PECEI or ARTI-funded work.
	Automated Tools for Testplan Generation and Execution		Karl Stum	Delete or recast to dovetail with PECEI or ARTI-funded work.
	Evaluation of Standards 90.1 and 62 Requirements and		Elia Sterling	There was interest in increasing priority, but

	development of Commissioning Techniques for Compliance			needs a champion.
	A Placeholder for Research Gaps Identified by GPC-1		GPC-1	
	IAQ Benefits of Documentation, Commissioning and O&M:		Eli Howard	From SSPC 62.1, 9.9 is interested in co-sponsoring.

4. New Ideas

Title/Description
Certification Process for Commissioning Practitioners. (JRA)