Project Overview

Objectives

• Increase awareness about the benefits of commissioning

• Facilitate transfer of commissioning-related research
Project Overview

Deliverables

• On-line Library of Commissioning-related Products
• Quarterly News Briefs on Commissioning Projects and Research
• Information Exchange Between CCC and PIER
On-line Library

Objective

• Increase accessibility to information and research on commissioning
  – Background research for building owners and operators
    AND
  – In-depth research on development of tools for commissioning providers
On-line Library

Description

• Library items will include:
  – Research reports
  – Journal and conference papers
  – Guidelines
  – Diagnostic Tools
  – Commissioning specifications and protocols

• Will be housed on CCC website
On-line Library

Description

- **Selection criteria for items:**
  - Directly related to Commissioning
  - Created within last 5 years (or is unique)
  - Falls under selected Subject Areas and Subheadings
### Sample Subject Areas and Sub-headings

<table>
<thead>
<tr>
<th>Cx Guides &amp; Papers</th>
<th>Equipment &amp; Controls</th>
<th>Fault Detection &amp; Diagnostic Tools</th>
<th>Costs and Benefits</th>
<th>Case Studies</th>
<th>Cx for LEED Buildings</th>
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<tbody>
<tr>
<td>Introduction to Cx</td>
<td>Central Plant</td>
<td>Commercialized Tools</td>
<td>New Construction Cx</td>
<td>Office Buildings</td>
<td>LEED for New Construction</td>
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<td>Design Phase</td>
<td>Air Handlers</td>
<td>Tools in development</td>
<td>Existing Building Cx</td>
<td>Schools</td>
<td>LEED</td>
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<td>Testing and Acceptance</td>
<td>Rooftop units</td>
<td>Costs and Benefits</td>
<td>Persistence</td>
<td>Complex Buildings</td>
<td>LEED for Existing Buildings</td>
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<td>Controls</td>
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<td>Electrical</td>
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<td>Continuous Commissioning</td>
<td>Dampers</td>
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<td>LEED</td>
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<td>Working with Contractors</td>
<td>Valves</td>
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<td>Campus (?)</td>
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<td>For Owners</td>
<td>Other</td>
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<td>Sample Cx Documents</td>
<td>Persistence of Benefits</td>
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<td>RFP/RFQ</td>
<td>Operations and Maintenance</td>
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<td>Scope of Work</td>
<td>Training for Operations Staff</td>
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<td>Contract Documents</td>
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<td>Commissioning Plan</td>
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<td>Testing</td>
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<td>RCx Scoping Studies</td>
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<td>Trending or Datalogger Plans</td>
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<td>Final Report</td>
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<td>Persistence of Benefits</td>
<td>Data Collection &amp; Analysis Tools</td>
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<td>Operations and Maintenance</td>
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<td>Utility Bills/Benchmarking</td>
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On-line Library

Process

• Library is currently under development

Key dates:
• November 15th – Delivered for peer review
• December 15th – Launched
Quarterly News Briefs

Objectives

- Build a linked on-line commissioning news source
- Communicate up-to-date information on topics of interest to readers in the commissioning industry
Quarterly News Briefs

Description

- Will include information on:
  - Commissioning products, including commercially available and emerging tools
  - Latest research studies
  - Training materials and opportunities
  - Case studies
- Will be housed on CCC website
Quarterly News Briefs

Process

• Information will be solicited from CCC members
• PECI will collect and publish the news briefs

Key dates:
• November 15th – Delivered for peer review
• December 15th – Launched
Information Exchange

Objectives

• Create a formal mechanism to provide periodic guidance to PIER on commissioning-related research and development needs

• Facilitate a peer review of the current PIER portfolio of commissioning-related research
Information Exchange

Process

• A committee of CCC stakeholders and Advisory Board members will review the portfolio

• Two “ideas sessions” will be held with CCC and PIER

• A final recommendations report will be released
Information Exchange

Process

Key Dates:
• October 2003 – Review of PIER portfolio
• November 2003 & September 2004 – Ideas Sessions