TODAY

Tomorrow & Beyond

LEVERAGING LEADERSHIP, DIVERSITY AND INNOVATION

2016 ECC CONFERENCE 48TH
Advanced Work Packaging (AWP): A Reality Check

Panel Discussion
## Panel Introduction

<table>
<thead>
<tr>
<th>Moderator</th>
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<td>Jim Rammell</td>
<td>Justin Weaver</td>
<td>Michael Van Swol</td>
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<td>Vice President, Construction Operations</td>
<td>Performance Improvement Project Manager</td>
<td>Vice President, Project Delivery</td>
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<td>Performance Excellence Manager</td>
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AWP Panel Discussion - Overview

- Advanced Work Packaging (AWP) Introduction
- What does AWP look like at your company?
- AWP Implementation and Project Results at Southern Company, Jacobs and Shell
- Who really owns the AWP process?
- How does construction-driven engineering impact the typical sequence of engineering activities?
- What Contracting Strategies have been most Effective with AWP?
Audience Background (for ARS)

1. Are you a(n):
   a. Owner/Operator
   b. EPC
   c. Supplier
   d. Other
2. What is your primary Industry?

   a. O&G / PetChem
   b. Power
   c. Government
   d. Infrastructure
   e. Other
3. What is your knowledge of AWP?
   
   a. None
   
   b. A little
   
   c. Average
   
   d. A lot
4. What is your company’s experience with AWP?

a. Have not used

b. Limited to a few projects

c. Multiple projects

d. Enterprise Implementation
AWP Introduction

• What is AWP?

• What does Success look like?

• Summary Benefits
  • Productivity
  • Predictability
  • Safety
  • Alignment
What does AWP look like at your Company?

Justin Weaver
Performance Improvement Project Manager
Southern Company

Michael Van Swol
Vice President, Project Delivery
Jacobs Engineering Group Inc.

Ash Ahmed
Performance Excellence Manager
Shell
AWP Implementation at Southern Company

• Case for Implementation, background
  • Approach, Lessons Learned, Path Forward

• Who really owns the AWP process?
  • Focus on the interplay between owner/contractor and engineering/construction
AWP Project Results at Jacobs

• Data from selected Project
  • Productivity, Cost, Safety
  • Schedule, Predictability, Quality

• How does construction-driven engineering impact the typical sequence of engineering activities?
  • How have teams successfully (or unsuccessfully) managed this?
AWP Project Results at Shell

• Key highlights from our AWP journey
  • Productivity, Cost, Safety
  • Schedule, Predictability, Quality

• What Contracting Strategies have been most effective with AWP?

Ash Ahmed
5. What do you see as the largest benefit of AWP?

a. Predictability

b. Productivity

c. Safety

d. Alignment between Stakeholders

e. Quality / Reduces Field Rework
6. What is a Significant Barrier for your company to implement AWP?

a. Contracts don’t support

b. Lack of standard procedures / Existing tools and systems don’t support

c. Unknown Cost/ROI

d. Cultural Resistance / Resistance to Change
Wrap Up

- Questions / Answers
- Driving the AWP benefits during Industry slowdowns and growth
- Implementation Resources
- Additional discussions thru conference
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