

The logo for ENERCON, featuring a stylized 'E' inside a square followed by the word 'ENERCON' in a bold, sans-serif font.

FOUR TOWNPARK COMMONS

SDP from an EOC Perspective

CMBG Conference / July 2019

Presented by Jason Pollan

ENERCON Services, Inc.



Introduction to ENERCON

ENERCON is a multi-disciplined engineering and environmental consulting company providing services internationally and in the United States.

- Founded in 1983
- 100% Employee Owned
- Over 1,200 Employees
- 26 Offices
 - 25 Offices in US
 - Office in Abu Dhabi

ENERCON as an EOC

Engineering News Record

- Top 20 Power
- Top 75 Design
- Top 150 Global Design
- Top 200 Environmental

The logo for ENR TOP 100 is displayed on a white, curved banner. The letters 'ENR' are in a large, bold, red font. Below them, the words 'TOP 100' are written in a black font, with 'TOP' in a smaller size and '100' in a larger size. A thin horizontal line is positioned below the '100'.



SDP – An EOC Perspective

- Benchmarking Activity
 - ✓ Go to:
www.pollev.com/enercon2018
 - ✓ Skip adding your name

What is your typical role in the SDP?

Site Stakeholder

Site Responsible Engineer /
Owner Acceptance Reviewer

Site Supervisor / Manager

EOC / Vendor

What's SDP? I'm just here for
the rides.

SDP – An EOC Perspective



DELIVERING THE
NUCLEAR PROMISE®



nuclear matters:
my work • my plant • my industry

- IP-ENG-001, Rev. 0, issued 2/10/2017
- CMISDP launched early 2018
- Where are we now and what have been challenges and lessons learned based on the implementation of the SDP?

What is the perspective on the benefit of using SDP at your utility?

Great benefit

Moderate benefit

No benefit

Can we please go back to our old utility-specific process?

SDP – An EOC Perspective

Positives

- IP-ENG-001 procedure is well written and easy to follow
- Flexibility to allow for streamlining process based on risk, complexity
- Consistent mod design procedure across industry
- Stability in the procedure
- CMISDP platform

How many on-site meetings does your site have with the EOC for a DEC?

One

Two

Three

Four or more

SDP – An EOC Perspective

Implementation Challenges

- Optional meetings drive cost & schedule
- Stakeholder buy-in and training challenges
- Multiple software platforms implementing SDP
- Interfacing databases (e.g. controlled document storage system)
- Scoping process integration & vendor impacts





SDP –
An EOC
Perspective

Opportunities

- Broaden standardization & graded approach
 - 50.59 Screening & Evaluations
 - Risk Assessments
- Refine & reinforce scoping phase / conceptual design scope lock
- Continue to advocate for, communicate on, and train to the SDP to help unlock its full potential

What influence do you have at your site on implementation of the SDP?

I am driving my organization to embrace the principle of standardization and to leverage the streamlined, graded approach made possible by the SDP to help make the nuclear industry cost competitive

I am a powerless cog in the machine, where I follow my organization's typical approach to implementation for any design I support