PM Panel/Demo on Data Automation and Analysis

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Director, Office of Project Management Policy and Systems (PM-30)
DOE Office of Project Management Oversight and Assessments (PM)
PM Panel Presenters

- Tony Ermovick
  - Director, Office of Departmental Project Oversight (PM-20)
- Igor Pedan
  - Office of Project Management Policy and Systems (PM-30)
  - PARS Owner and Administrator
Integrated EVM / PM Acquisition Lifecycle

EVM is Integral to DOE’s PM Philosophy from CD-0 to CD-4

- Request PED Funds
- Operating Funds
- Begin using compliant EVMS
- Independent Review to Validate PB
- PED Funds
- EIR for Major System Projects
- Construction Funds
- Operating Funds

Initiation
Definition
Execution
Closeout

Critical Decision
CD-0 Approve Mission Need
CD-1 Approve Alternative Selection and Cost Range
CD-2 Approve Performance Baseline (PB)
CD-3 Approve Start of Construction or Execution
CD-4 Approve Start of Operations or Project Completion

TPC

Projects Report Control Account Level
EV ≥ $20M into PARS II

PARS II Reporting for Projects ≥ $10M (top level reporting only)

Surveillance of compliant EVMS

Typical DOE Acquisition Management System for Line Item Capital Asset Projects
PM-30 Organizational Chart

**PM-30**
**Melvin Frank**
**Project Management Policy and Systems**

- **PARS**
  - Igor Pedan
  - Mark Sinichko (CONTR)

- **Compliance Assessment**
  - David Kester
  - Maris Lenss

- **Data Analysis**
  - Brian Kong
  - Robert Loop
  - Rob Stern

- **Processes and Training**
  - Susan Wood (CONTR)
  - Buck Wilkerson (CONTR)

- **Policy**
  - Ivan Graff
  - Wilfred Figueroa

**Karen Urschel (CONTR)**
PRIORITY #4 Assist PM-10/20 & Ongoing Surveillance

• Participate on PPR Teams, EIR/ICE/ICR Teams, and PMSO led IPRs
• Data Analytics for Monthly Performance and Surveillance
  • SME to PM-1/2, PM 20 engineers/analysts and FPDs in the effective use of PARS for monthly project analysis and reporting
  • Conduct monthly automated data analysis as part of risk-based, data-driven surveillance
  • Provide monthly project dashboards ranked by risk to PM-30
  • Conduct initial in-depth compliance analysis for flagged concerns