



# The Department of Energy's Project Reporting and Assessment System (PARS)

PM Workshop 2024 – PARS Update  
Matthew Z West and Amber Young

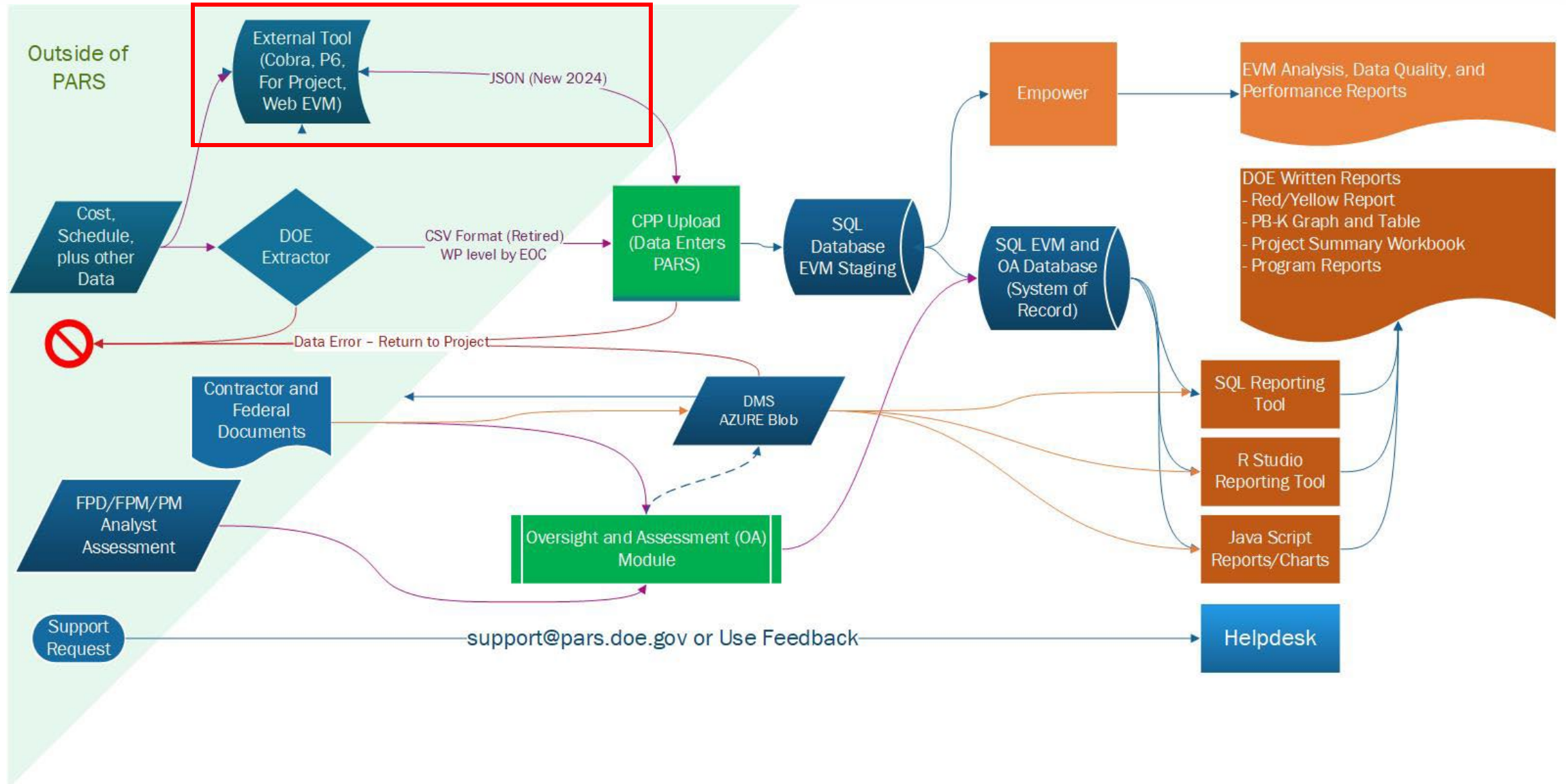


# PARS Overview – Why an enterprise system

- All projects with a TPC greater than \$50M are required to report progress and provide documentation in the Project Assessment and Reporting System (PARS) at Critical Decision (CD)-0 and thereafter, in accord with Appendix C. After CD-2 is approved for projects with a TPC greater than \$50M, earned value reporting shall apply. (*DOE Order 413.3B 06-21-2023 - Admin Change 7*)
- PARS implemented in 2010 based on a 2008 root cause analysis and corrective action plan to improve project and program management
- Empower added to PARS in 2018
- There are multiple parts to PARS, each of which will be explored in more detail throughout this course
  - Overview and assessment (OA) tool
  - Federal project director toolbox
  - Data Upload tool
  - Empower
  - Document Management System (DMS)
  - IP2M METRR
  - DIQ
  - Reports & tools
    - PB-K Graph and Table
    - Benchmarking
  - Support



# PARS Flowchart January 2024





# PARS Home Screen – New User Interface



# PARS

Projects Contractors Reports Analytics Environment Help

Amber Young Admin Register PIV Updates Sign Out

## Welcome to the Project Assessment and Reporting System

### User Interface and Performance Upgrades

3 months ago

Welcome to the newly redesigned PARS. We've updated the interface site-wide to make the site easier to use, load faster, and get you to your data quicker. For those of you who work late nights, the button in the top right of the screen takes you to the new Dark Mode. Save your favorite projects so they're just a click away in the new project lists, and use the expanded assessments interface to more easily enter your monthly updates.

### PARS CPP JSON Format v5.0.0

4 months ago

Incorporating feedback from dozens of contractors and our key EVMS vendors, we've release version 5.0.0 of the PARS CPP JSON Format. This version brings support for multiple subprojects as well as more flexible accounting of indirect costs. See all the details at [the PARS JSON information page](#).

### New Feature: PBK Table

5 months ago

An interactive web version of the PBK Table report is now available for all PARS projects. You can access it from the project sidebar. This report places all project information in PARS, including Project Attributes, EV data, Assessments, FPD toolbox data, and more, on a single page for quick reference.

[Read More](#)

### January 2024 Key Dates

<b>Tue, Jan 9</b>	Program Assessments Due
<b>Mon, Jan 15</b>	<i>Birthday of Martin Luther King, Jr. - Federal Holiday</i>
<b>Tue, Jan 16</b>	PM Assessments Due
<b>Fri, Jan 26</b>	PM Publishes Monthly Report
<b>Wed, Jan 31</b>	CPP Uploads Due

### My Projects

Find a Project

390	Waste Treatment and Immobilization Plant (WTP)	WTP	...	Wiersma, Mark
465	Calcine Disposition Project	CDP	...	Wiersma, Mark
1010	Low Activity Waste Pretreatment System	LAWPS	...	Blaisdell, Rick
1021	Outfall 200 Mercury Treatment Facility	OF200 MTF	...	Wiersma, Mark
1024	Safety Significant Confinement Ventilation System, WIPP	SSCVS	...	Blaisdell, Rick

#### ACCESSIBILITY/SECTION 508

The U.S. Department of Energy is committed to making its electronic and information technologies accessible to individuals with disabilities in accordance with Section 508 of the Rehabilitation Act (29 U.S.C. 794d), as amended in 1998.

#### FEEDBACK

Have questions or feedback? Please use the Feedback tool in the bottom right of the page to share your thoughts.

#### CONTACT US

For tech support, please send us an email at [support@pars.doe.gov](mailto:support@pars.doe.gov) or head to [support.pars.doe.gov](https://support.pars.doe.gov).  
PARSv2.9.0-test.71 © 2023 DOE Office of Project Management



# PARS Projects Page



## PARS

Projects Contractors Reports Analytics Environment Help

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### Projects

View

PARSID ↓↑	Program ↓↑	Project Name ↓↑	Action	DOE Project Number ↓↑	Acronym ↓↑	Site ↓↑	Status ↓↑	Current CD ↓↑	IT ↓↑	PM Oversight ↓↑	Parent ↓↑
389	EM	Salt Waste Processing Facility (SWPF)	...	05-D-405	SWPF	SRS	Completed	CD4	No	No	No
390	EM	Waste Treatment and Immobilization Plant (WTP)	...	01-D-416	WTP	ORP	Active	CD3	No	Yes	No
402	EM	Plutonium Finishing Plant (PFP) Decontamination and Dismantlement - ARRA Base	...	RL-0011.C1	PFP	Richland	Completed and Closed	Closeout	No	No	No
465	EM	Calcine Disposition Project	...	23-D-402	CDP	INL	Active	CD0	No	Yes	No
467	EM	Integrated Facility Disposition Program (IFDP)	...	IFDP	IFDP	Oak Ridge	Active	CD0	No	No	Yes
538	EM	Saltstone Disposal Unit #6 (SDU6)	...	15-D-402	SDU6	SRS	Completed and Closed	Closeout	No	No	No
651	EM	Sludge Processing Facility Buildouts	...	OR-0013B.C1	SL-PFB	Oak Ridge	Cancelled	Cancelled	No	No	No
652	EM	Nuclear Facility D&D - ETP	...	OR-0040.C		ETTP	Transferred	Closeout	No	No	No
659	EM	Nuclear Facility D&D - Y-12	...	OR-0041.C		Y-12	Cancelled	Cancelled	No	No	No
673	EM	Nuclear Facility D&D - River Corridor Closure Project	...	RL-0041.C1	RCCP	Richland	Completed	CD4	No	No	No

564 of 564 row(s).

Rows per page 10 Page 1 of 57 << < > >>

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# Project Overview Screen

PARS

[Projects](#)
[Contracts](#)
[Reports](#)
[Report Builder](#)
[Empower](#)
[IP2M METRR](#)
[Help](#)
Amber Young
Admin ▾
Updates
Sign Out
☀

- 📄 Project Records
- 🏠 Overview
- 🔗 Project Attributes
- 📅 Key Dates
- 👤 Contacts
- 📌 Critical Decisions
- 📈 KPPs
- 📁 Subprojects
- 📄 Project Documents
- 📊 Monitoring
- 📄 Assessments
- 🔗 FPD Toolbox
- 📄 CPP Uploads
- 📄 JSON Uploads (Preview)
- 📄 Reports
- 🔍 Analysis
- 📄 PB-K Table
- 📄 PB-K Graph
- 📄 Empower

Jump to project...

No prior BCPs

<b># months Red: 0</b>	<b># times Yellow: 0</b>	<b>CE/PME</b> Bishop, Tracey
Status: Active	Program: NE	<b>Project Owner</b> Miotla, Dennis
		<b>FPD</b> Herrin, David S. FPD - Level 3
The purpose of this project is to provide an advance post-irradiation examination (PIE) capability to better understand nuclear fuels and materials performance in the nuclear environment.		<b>Contractor</b> BEA Certified
		<b>PM Analyst</b> Grealish, Joseph E

Current CD	CD3	TPC(\$M)	CD-4 Date
% Complete	Original	\$166M	1/31/2020
11.8%	Current	\$166M	11/30/2026
	PM Forecast	\$166M	11/30/2026

	Approved Budget	Remaining Budget	Estimate at Completion
Performance Baseline (TPC)	\$166M		\$166M
DOE Contingency	\$8M	\$5M 71%	
DOE Other Direct Costs (ODC)	<\$1M	<\$1M 100%	
Performance Measurement Baseline	\$141M	\$141M	
Management Reserve (MR)	\$15M	\$1M	
	Planned Value	Earned Value	Actual Cost
Cumulative Earned Value	\$16M	\$16M	\$16M

Critical Decisions					
	CD-0	CD-1-R	CD-2	CD-3	CD-4
Approved	6/18/2015	1/30/2020	1/31/2020	1/31/2020	
TPC	\$95M	\$73M \$166M	\$166M	\$166M	
CD-4 (Range)	9/30/2020	11/30/2026	11/30/2026	11/30/2026	
Next CD Date	11/30/2026		Next CD	CD4	

Assessments			
	PM Feb 2024	Program Jan 2024	FPD Feb 2024
RYG	Green	Green	Green
Forecast TPC	\$166M	\$166M	\$166M
Forecast Completion	11/30/2026	11/30/2026	11/30/2026

PM Assessment (Feb 2024)

The project is assessed GREEN. It is approximately 86% complete against 92% scheduled, with a cumulative schedule performance index (SPI) of 0.94 and a cumulative cost performance index (CPI) of 0.99, indicating the project is performing behind schedule and essentially on budget. Vendor and material delivery delays contributed to the poor schedule performance experienced this period, however the project team has firm delivery dates arranged and sufficient float to accommodate the new timelines. Work continues on the Material Transfer Cell, interior concrete placement, and interior mechanical and electrical scope.

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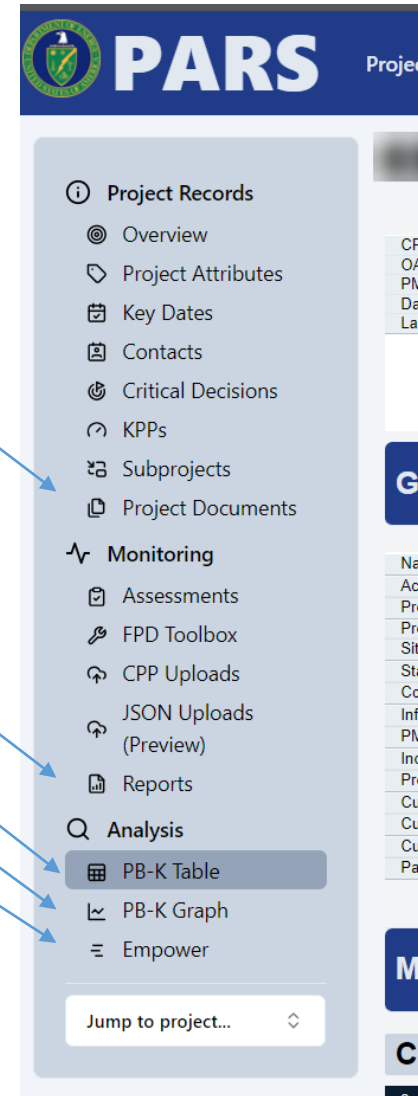
PARSV2.9.0-test.113 © 2013-2024 DOE Office of Project Management



# Top-Level Tools

- Project Documents
- Reports
- PB-K Table
- PB-K Graph
- Empower\*

Use up front to help identify areas to dig into





# Project Attributes – maintenance



## PARS

Projects Contractors Reports Analytics Environment Help

Amber Young Admin Register PIV Updates Sign Out

- Project Records
  - Overview
  - Project Attributes**
  - Key Dates
  - Contacts
  - Critical Decisions
  - KPPs
  - Subprojects
  - Project Documents
- Monitoring
  - Assessments
  - FPD Toolbox
  - CPP Uploads
  - Reports
- Analysis
  - PB-K Table
  - PB-K Graph
  - Empower

Jump to project...

Project Picker

### Project Attributes

Edit

#### Key Information

Project Name: Sample Preparation Laboratory (SPL)  
 Project Acronym: SPL  
 Contract Number: DE-AC07-05ID14517  
 DOE Project Number: 16-E-200  
 Site: INL

#### Project Categorization

Program: NE  
 Status: Active  
 Type: Facility Construction  
 DOE Order: 413.3B Base  
 Project of Special Interest: No

#### Project Description

The purpose of this project is to provide an advance post-irradiation examination (PIE) capability to better understand nuclear fuels and materials performance in the nuclear environment.

#### Oversight

- PM Oversight: Yes
- CPP Upload: Required
- Nuclear: Nuclear - Hazard Category 3
- EVMS Required: No
- Report as Parent: No

#### Funding

Funding Type: LI-Line Item

#### Admin

CUI or UCNI in EVMS Data: No  
 DMS Migrated to DocCTN: No

Last modified by Amber Young on 1/16/2024

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# Project Documents - DMS

- Project Records
  - Overview
  - Project Attributes
  - Key Dates
  - Contacts
  - Critical Decisions
  - KPPs
  - Subprojects
  - Project Documents**
- Monitoring
  - Assessments
  - FPD Toolbox
  - CPP Uploads
  - Reports
- Analysis
  - PB-K Table
  - PB-K Graph
  - Empower

Jump to project...

**Project Picker**

### Project Documents

Approvers View Disabled Show Deleted  Show Not Approved

<input type="checkbox"/>	Filename ↓↑	Attachment Title ↓↑	Document Group ↓↑	CD Level ↓↑	Document Date	
<input type="checkbox"/>	SPL Lessons Learned 04.29.20.pdf	Lessons Learned Report	Project Documents	CD-3	04/28/2020	<input type="button" value="Download"/>
<input type="checkbox"/>	7 - Reassessment of CD-1 Alternative Selection Process for the Sample Preparation Laboratory (SPL) Project.pdf	CD-1 Approval Document	Approval Document	CD-1	01/30/2020	<input type="button" value="Download"/>
<input type="checkbox"/>	1 - Approval of CD-1R23 for the Sample Preparation Laboratory (SPL) Project at the Idaho National Laboratory (INL).pdf	CD-1 Approval Document CD-2 Approval Document CD-3 Approval Document	Approval Document	CD-1 CD-2 CD-3	01/30/2020	<input type="button" value="Download"/>
<input type="checkbox"/>	2 - Project Execution Plan for the Sample Preparation Laboratory Project Main and App. A - CD-1R23.pdf	Project Execution Plan (PEP)	Project Documents	CD-1 CD-2 CD-3	01/30/2020	<input type="button" value="Download"/>
<input type="checkbox"/>	3 - Project Execution Plan for the Sample Preparation Laboratory Project App. B-C - CD-1R23.pdf	Project Execution Plan (PEP)	Project Documents	CD-1 CD-2 CD-3	01/30/2020	<input type="button" value="Download"/>
<input type="checkbox"/>	4 - Project Execution Plan for the Sample Preparation Laboratory Project App. D - CD-1R23.pdf	Project Execution Plan (PEP)	Project Documents	CD-1 CD-2 CD-3	01/30/2020	<input type="button" value="Download"/>
<input type="checkbox"/>	5 - Project Execution Plan for the Sample Preparation Laboratory Project App. E-F - CD-1R23.pdf	Project Execution Plan (PEP)	Project Documents	CD-1 CD-2 CD-3	01/30/2020	<input type="button" value="Download"/>
<input type="checkbox"/>	6 - Acquisition Strategy for the Sample Preparation Laboratory Project - CD-1R23.pdf	Acquisition Strategy	Project Documents	CD-1 CD-2 CD-3	01/30/2020	<input type="button" value="Download"/>



# Project Assessments – FPD / Program / PM

- Project Records
    - Overview
    - Project Attributes
    - Key Dates
    - Contacts
    - Critical Decisions
    - KPPs
    - Subprojects
    - Project Documents
  - Monitoring
    - Assessments**
    - FPD Toolbox
    - CPP Uploads
    - Reports
  - Analysis
    - PB-K Table
    - PB-K Graph
    - Empower
- Jump to project...  
Project Picker

- FPD
- Program**
- PM20

### Program Assessment: January 2024

January 2024

**Green** **11/29/2026** **\$166,000,000** **DRAFT**

Assessed Risk Forecast Completion Forecast Total Project Cost

Assessed by Perez-Velez, Janina M on 01/09/2024

As of the end of November 2023, the Sample Preparation Laboratory (SPL) project achieved a cumulative schedule performance index (SPI) of .95 and cumulative cost performance index (CPI) of 0.99. The project is 85% complete versus scheduled completion of 90%. Primary onsite construction focus is on the Materials Transfer Cell liner rebar and forms, utility infill, hot cell concrete repairs and painting, and final outdoor finishes. The contractor continues to work additional hours, to recover schedule. The project is on track to meet the established baseline. The progress for the reporting period is satisfactory.



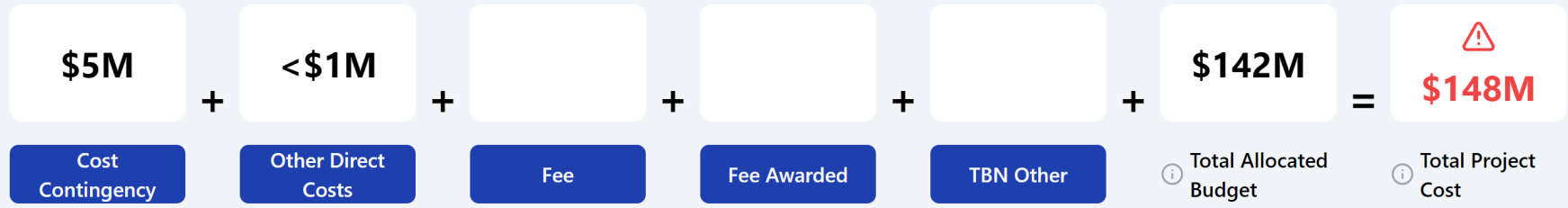
# Project FPD Toolbox (Checkbooks)

- Project Records
  - Overview
  - Project Attributes
  - Key Dates
  - Contacts
  - Critical Decisions
  - KPPs
  - Subprojects
  - Project Documents
- Monitoring
  - Assessments
  - FPD Toolbox
  - CSV/MDB CPP Uploads
  - JSON CPP Uploads
  - Reports
  - Analysis

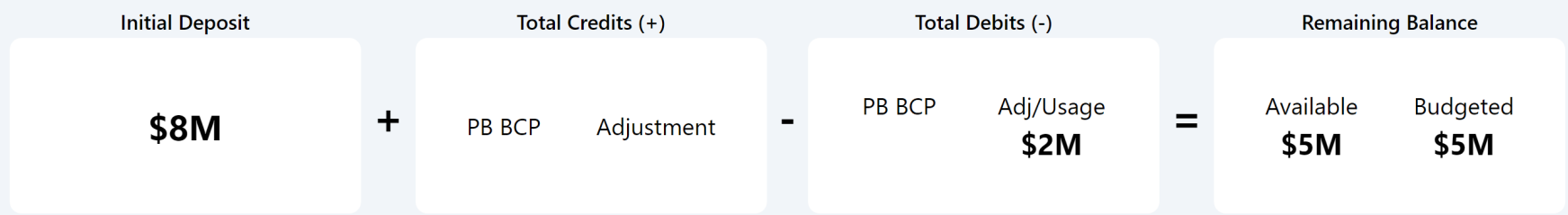


**Work in progress**  
This feature is not yet fully implemented. Please check back later!

Schedule Contingency



## Cost Contingency





# Project Contractor Project Performance (CPP) Upload

PARS

[Projects](#)
[Contracts](#)
[Reports](#)
[Report Builder](#)
[Empower](#)
[IP2M METRR](#)
[Help](#)

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  - 📄 Reports
- 📄 Analysis
  - 📄 PB-K Table
  - 📄 PB-K Graph
  - 📄 Empower

Jump to project... ⌵

## CPP Uploads

### December 2023 Upload Status

✔

**Upload Complete and Published**

Dataset uploaded by Scott Haderlie, 599 hours ago

**PARSCPP\_832\_2023-12-17\_v00\_2024-01-31.zip**

363.04 KB

[Download](#)

### Upload Errors

[Export Upload Report PDF](#)

- WBS File has 17 warnings for TYPE. Data is missing or invalid.
- COST File has 2076 warnings for INC\_ACWP\_UNITS, INC\_BCWS\_UNITS, INC\_BCWP\_UNITS, INC\_ETC\_UNITS. Data is missing or invalid.
- SCHEDULE File has 280 warnings for TASK\_TYPE. Data is missing or invalid.
- IPMR\_FORMAT1 File has 24 warnings for INC\_BCWS LESS THAN ZERO, BAC, INC\_BCWS GREATER THAN CUM\_BCWS, INC\_ACWP LESS THAN ZERO, INC\_ACWP GREATER THAN CUM\_ACWP. Data is missing or invalid.
- IPMR\_FORMAT2 File has 7 warnings for OBS. Data is missing or invalid.

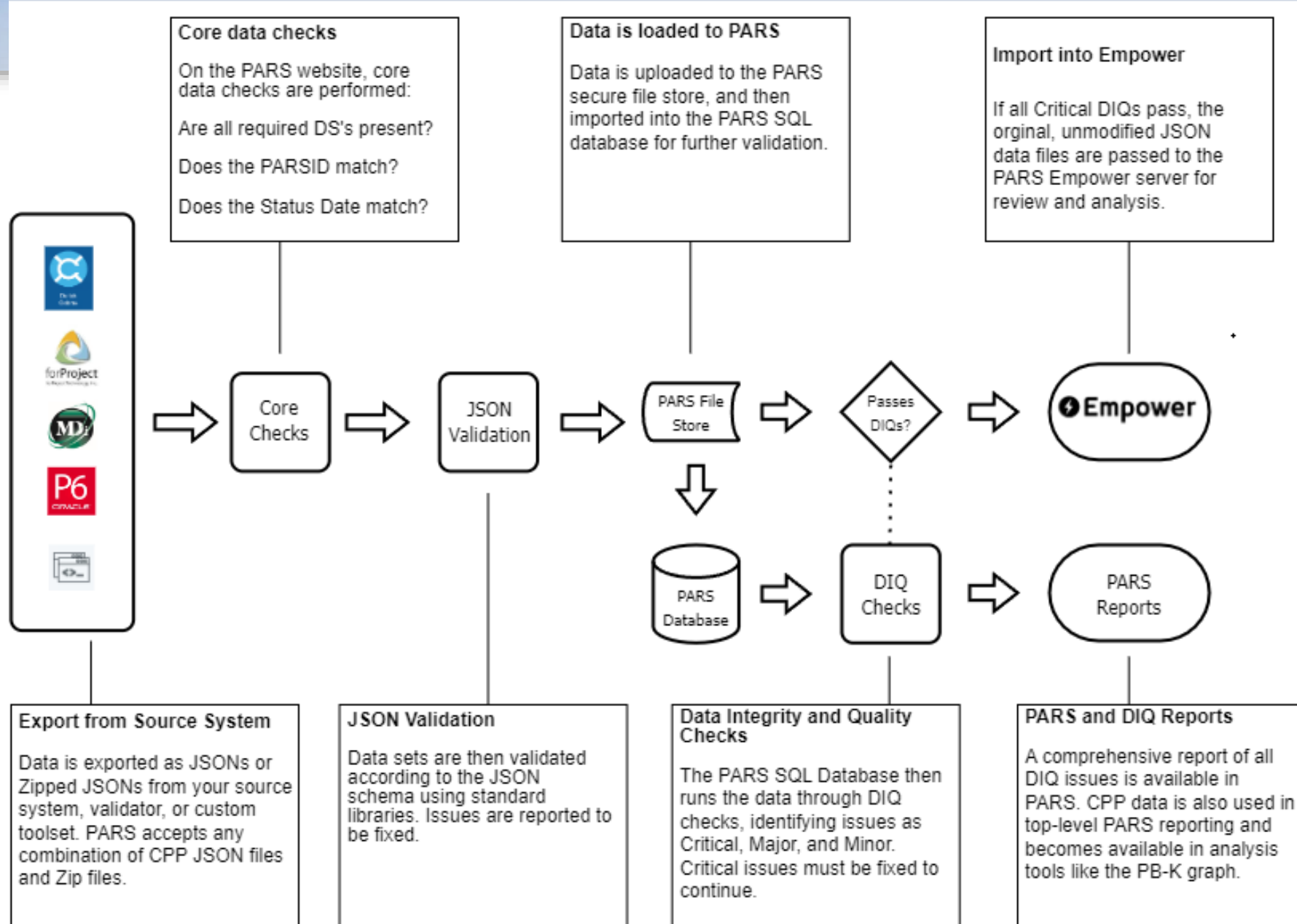
### Prior Uploads

Status Date	Publish User	Publish Date	File Name	
12/17/2023	Scott Haderlie	1/31/2024	PARSCPP_832_2023-12-17_v00_2024-01-31.zip	<a href="#">Unpublish</a>
11/26/2023	Scott Haderlie	12/28/2023	PARSCPP_832_2023-11-26_v00_2023-12-28.zip	<a href="#">Unpublish</a>
10/22/2023	Scott Haderlie	11/29/2023	PARSCPP_832_2023-10-22_v00_2023-11-29.zip	<a href="#">Unpublish</a>
9/30/2023	Scott Haderlie	10/31/2023	PARSCPP_832_2023-09-30_v00_2023-10-31.zip	<a href="#">Unpublish</a>

12



# JSON Flowchart (Preliminary)





# JSON Format

- Direct export from:
  - Oracle Primavera P6
  - Deltek Cobra
  - forProject
  - WebEVM
- Cost data to the WP level by element of cost
- A format to take advantage of EVMS Metric tests for self-surveillance
- Move to JSON in 2024
- json.pars.doe.gov

## DOE CPP Upload Requirements including DID



field name	req'd	description	JSON data type
		unique field identifier (primary & calculated)	example
<b>DS00 header</b>			
description		<p>This JSON data submission should be populated with the project (not contract) data. A valid JSON file contains the header data documented on this page, and one data set specified in the following pages.</p> <p>A complete monthly PARS submission consists of several JSON files inside a zip file, and should include DS01 to DS07, and optionally include DS08 to DS22. A correctly formatted PARS JSON Upload should consist of a zip file named with the PARSID and CPP status date, for example: 1026_2023-07-28.zip. This zip file should contain JSON files with the DS number and title, for example: DS01_WBS.json DS07_IPMR_header.json. Within each JSON file, PARSID and CPP_status_date should be identical, and match the zip file name.</p> <p>Technical documentation of the PARS JSON Schema format <a href="#">can be found here</a>. Valid data sets documented in this DID include:</p> <ul style="list-style-type: none"> <li>• DS00 header</li> <li>• DS01 WBS</li> <li>• DS02 OBS</li> <li>• DS03 cost</li> <li>• DS04 schedule</li> <li>• DS05 schedule_logic</li> <li>• DS06 schedule_resources</li> <li>• DS07 IPMR_header</li> <li>• DS08 WAD</li> <li>• DS09 CC_log</li> <li>• DS10 CC_log_detail</li> <li>• DS11 variance</li> <li>• DS12 variance_CAL</li> <li>• DS13 subK</li> <li>• DS14 HDV_CI</li> <li>• DS15 risk_register</li> <li>• DS16 risk_register_tasks</li> <li>• DS17 WBS_EU</li> <li>• DS18 schedule_EU</li> <li>• DS19 schedule_calendar_std</li> <li>• DS20 schedule_calendar_exception</li> <li>• DS21 rates</li> <li>• DS22 financial_calendar</li> </ul>	
<b>PARSID</b>	X	PARS identifier for the project for which data is submitted.	string, maxLength: 4, numerical
		PARS_ID	3021
<b>CPP_status_date</b>	X	Contractor data-as-of-date. Align with DS22.	string, must be date as YYYY-MM-DD
			2022-08-21



# JSON Site ([json.pars.doe.gov](https://json.pars.doe.gov))

## PARS CPP JSON Schema v5-0-2

**Type: object**

### Essential Links

- For the full guidelines in detail: [DOE CPP Upload Requirements including DID \(PDF Format\)](#)
- Technical guide for developers: [DOE CPP Upload Format \(JSON Schema\)](#)
- Tool to check your JSON files: [JSON Validator](#)
- Latest updates and changes: [Update Notes and Change Log](#)

### PARS JSON Reference Wiki

- View JSON files: [View a PARS JSON File in Excel](#)
- How are versions organized: [JSON Schema Versioning Reference](#)
- How indirect costs should be structured: [Indirect Cost Scenarios Reference](#)
- Additional checks performed on uploads: [PARS Data Integrity and Quality Checks](#)

### Memoranda

- [September 2022 Memo from Paul Bosco](#)
- [November 2023 Memo from Zac West](#)

### Objective

- Testing JSON – Ongoing with EFCOG / Vendors
- Uploading JSON to PARS Test Server – within one to two weeks.
- Uploading to Production – Starts in June 2024



# Contracts

## Contracts

[View](#)
[Add Contract](#)

Contract Number	Name	Acronym	Contract Type	EVMS Certification	Performance Period Start	Performance Period End	Projects
				EVMS Certified	7/28/2008	9/29/2028	
				EVMS Not Certified	12/03/2018	4/29/2025	
				EVMS Certified	1/31/2001	6/29/2014	
				EVMS Certified	12/31/1899	12/31/1899	
				EVMS Certified	11/08/2004	9/29/2024	
				EVMS Certified	9/30/2022	9/29/2027	
				EVMS Certified	10/14/1999	7/30/2011	
				EVMS Under Review	12/10/2000	6/21/2023	
				EVMS Certified	11/13/2000	3/30/2009	
				EVMS Certified	1/04/2015	1/03/2025	

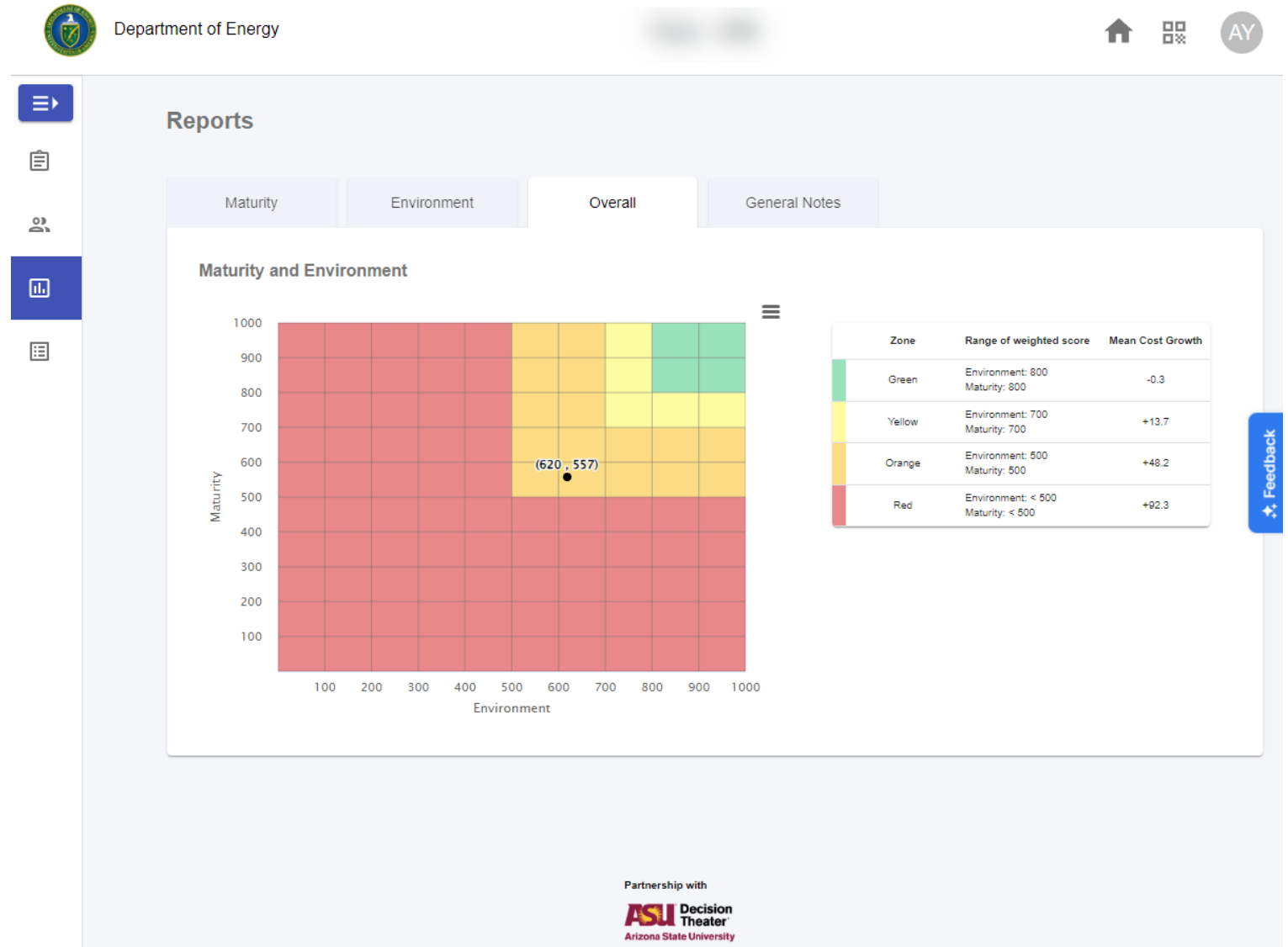
67 of 67 row(s).





# IP2M METRR

- Maturity
- Environment
- Facilitator vs. User





# Support

Moving a lot to Wiki

The screenshot shows the PARS Support website interface. At the top, there is a navigation bar with a "Back to PARS" button and the text "PARS Support". To the right, there are "LOGIN" and "SIGN UP" buttons. Below the navigation bar, there is a search bar with the placeholder text "Enter your search term here...". Underneath the search bar, there are two buttons: "New Support Ticket" and "Check Ticket Status". The main content area is titled "Knowledge base" and is divided into two columns. The left column is titled "General" and contains a list of 10 items under the heading "FAQ (10)". The right column is titled "Getting Started (9)" and contains a list of 9 items. A red rectangular box highlights the "Getting Started (9)" section. An orange arrow points from the text "Moving a lot to Wiki" to the "Getting Started (9)" section.

Support : PARS Support

https://support.pars.doe.gov/support/home

Welcome

LOGIN SIGN UP

Home Solutions

How can we help you today?

Enter your search term here...

+ New Support Ticket Check Ticket Status

### Knowledge base

#### General

#### FAQ (10)

- System Status Page
- What to do if your CPP Uploads are failing
- ERR\_NAME\_NOT\_RESOLVED when trying to ...
- Permissions vs Roles in PARS
- Where can I find information on the PARS CP...

[View all 10](#)

#### Getting Started (9)

- PARS User Reference
- PARS Extractor V2.0.35 Installation Instructions
- PARS User Training
- Empower Useful Commands and Parameters
- PARS Training Document - CPP Upload Process

[View all 9](#)



# Support: User Reference → Wiki (wiki.pars.doe.gov)

- Guidance to assist the FPD with actions for each Critical Decision and event in PARS
- Many step-by-step screenshots and checklists
- More to come

PARS Wiki

Search...

PARSUserGuide / CD / CD1R / CD1Rrequirements

## 1.0 Requirements

### CD1R Requirements

The following tasks must be completed at CD-1R within the current reporting period:

Task	Responsibility
DMS Upload > CD-1R Approval Document	FPD, PM
Project Attributes: Key Dates	FPD, PM
Project Attributes: Contacts	FPD, PM
CD Information: Cost To Go	PM
CD Information: CD-1	PM

PAGE CONTENTS

- > CD1R Requirements
  - > Documents to be uploaded in D...

TAGS

- pars user guide
- requirements
- cd1r

LAST EDITED BY  
Nick Taylor  
03/12/2024



# Support: Training

- Training available in Learning Nucleus
- Two courses: Basic & Advanced
- Being updated to align with 2024 classroom training

A screenshot of a web browser displaying a support article titled "PARS User Training". The browser address bar shows the URL: https://support.pars.doe.gov/support/solutions/articles/70000589362-pars-user-training. The article content includes a breadcrumb trail "Solution home / General / Getting Started", a "Print" button, and a modification date of "Tue, 8 Feb, 2022 at 1:13 PM". The main text states that PARS user training sessions can be found on Learning Nucleus by searching for PARS, and that there are two courses hosted on the DOE Learning Nucleus Site for all users (federal and contractor). A link to "Learning Nucleus" is provided. The article highlights two courses: "The PARS User Training - Basic Course (Learning Nucleus ID: 83618) 6 hours in one hour sessions - on demand e-learning" and "The PARS User Training - Advanced Course (Learning Nucleus ID: 83619) 12 hours in eight sessions - on demand e-learning". A list of learning objectives for the basic course is provided, including defining the basic organization and operations of PARS, identifying data uploaded into PARS, defining user roles, explaining the Document Management System (DMS), identifying the basics of Empower™, demonstrating Empower™ tools, and organizing data using filters and pre-filters. A note states that the course is best completed within one week of starting. A "Related Articles" sidebar on the right lists several other support articles, such as "PARS Training Document - CPP Upload Proc...", "ERR\_NAME\_NOT\_RESOLVED when trying to...", "System Status Page", "What to do if your CPP Uploads are failing", "PARS Extractor V2.0.35 Installation Instructi...", "PARS User Reference", "Permissions vs Roles in PARS", "Where can I find information on the PARS CP...", "November 2023 MEMO Regarding PARS JSO...", and "IP2M METRR User Training Links".



# Training Dates for 2024 Road Show

## PARS Training Schedule 2024

"All PARS users and benefactors available to go to any training site"

Training Room Request - 40-50 people (or more, as needed) Hands on, bring laptop, wifi connection, PARS account (actual or training)"

Training Session	Dates	Days	Location	Sites
1	03/04-05	MON-TUE	Albuquerque, NM	SNL, LANL, Pantex, MSTs, WIPP (Complete)
2	04/23-24	TUE-WED	Richland, WA	WTP, WRPS, PNNL (SC/OE), INL, IEC
3	05/07-08	TUE-WED	Savannah River Site, SC	SRMC, SRNS, SRNL
4	07/10-11	WED-THUR	Oak Ridge, TN	ORNL, OREM, Y-12 (Now in July)
5	06/11-12	TUE-WED	Berkeley, CA	LLNL, LBNL, SLAC
6	07/16-17	TUE-WED	Chicago, IL	FNAL, ANL, Ames, PPPO
7	07/30-31	TUE-WED	Upton, NY	BNL, Princeton, West Valley
8	08/13-14	TUE-WED	HQ Forrestal, Washington DC	HQ, TJNL
9	07/22	1/2 day	VIRTUAL	all others & those who missed on-site
9	07/23	1/2 day	VIRTUAL	all others & those who missed on-site
9	07/24	1/2 day	VIRTUAL	all others & those who missed on-site
9	07/25	1/2 day	VIRTUAL	all others & those who missed on-site
10	07/08	1/2 day	VIRTUAL	Executive Overview

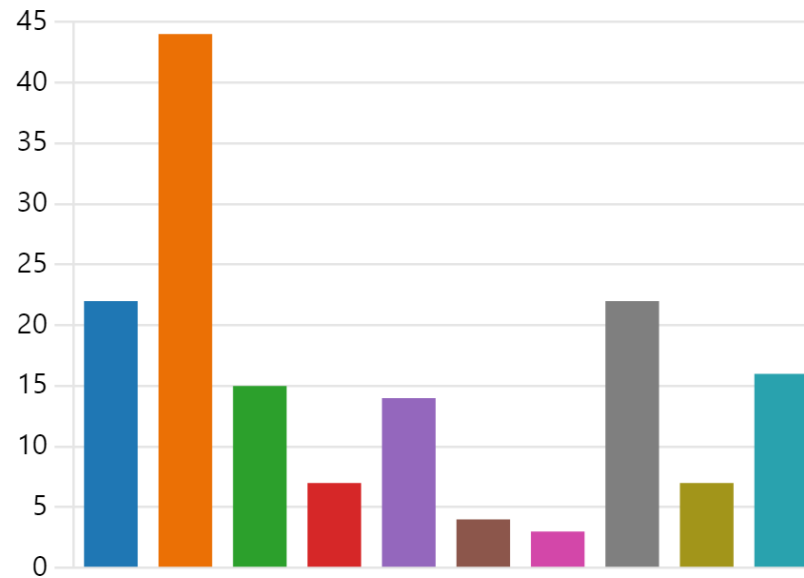


# PARS Training Sign Ups

6. Indicate the training session location and date for which you are registering (a participant can attend at any location - we are looking to cap registration to 50 students per session). All training is in 2024.

[More Details](#)

- March 4-5 in Albuquerque, NM 22
- April 23-24 in Richland, WA 44
- May 7-8 at the Savannah River Sit... 15
- July 10-11 in Oak Ridge, TN (thi... 7
- June 11-12 in Berkley, CA 14
- July 8 - Executive Level Overvie... 4
- July 16-17 in Chicago, IL 3
- July 22-25 - Virtual (4 half days ... 22
- July 30-31 in Upton, NY 7
- August 13-14 at HQ Forrestal B... 16



154 registered of 370 users  
Also want consumers and Leadership



<https://forms.office.com/g/JJTYcZU28r>



# DIQ → Wiki

PARS Wiki

Search...

Home / Browse

JSON Schema

JSON DIQs

PARS User Guide

DIQs

DIQs

PLEASE NOTE: This database of DIQs is up to date as of JSON DID v4-0-0. Some changes have been made to support Indirect scenarios as added in JSON DID v5-0-0 and later. An update is in progress to bring this documentation up to the latest standard.

**DS00**

UID	Title	Severity	Summary	Error Message
<a href="#">1000001</a>	CPP Status Date Missing From Cost Periods	<a href="#">ERROR</a>	Is the CPP Status Date missing from the period dates in the cost file?	DS00.CPP_Status_Date not in DS03.period_date list.
<a href="#">1000002</a>	CPP Status Date Is After CD-4	<a href="#">WARNING</a>	Is the CPP Status Date after CD-4?	DS00.CPP_Status_Date > min DS04.ES_date or EF_date where milestone_level = 190.

**DS01**

PAGE CONTENTS

- > DS00
- > DS01
- > DS02
- > DS03
- > DS04
- > DS05
- > DS06
- > DS07
- > DS08

- 5.0.2 DIQ out soon
- 46 that stop upload
- Major
- Minor



# DIQ → Wiki

PARS Wiki

Search...

Home / Browse

- JSON Schema
- JSON DIQs
- PARS User Guide

## WP or PP with Multiple EVT Groups

Does this WP or PP have more than one EVT group?

Edit

PAGE CONTENTS

- > Basic Information
- > What causes this error?
- > Why do we check this?
- > Code

TAGS

- severity: error
- ds03

LAST EDITED BY  
Young, Amber M  
08/08/2022

### Basic Information

Key	Value
Table	DS03 Cost
Severity	ERROR
Unique ID	1030072
Summary	Does this WP or PP have more than one EVT group?
Error message	WP or PP where EVT group is not uniform (EVTs are not all LOE, Discrete, Apportioned, or Planning Package for this WP or PP data).

### What causes this error?

The Data Integrity and Quality (DIQ) check titled "WP or PP with Multiple EVT Groups" is designed to ensure that each Work Package (WP) or Planning Package (PP) in the DS03 Cost table is associated with a single, uniform EVT group.





# Two Factor Authentication

## Two Factor Authentication – Updates coming

- PIV Card to be used to log on to PARS
- Email with one-time codes remains an option – for now. May have to go to PIV only
- Requirement so that PARS can host Controlled Unclassified Information to include UCNI in the DMS and Data Uploads
- Program determines who can view
- Banners for CUI on all output
- Updates coming: Okta moving to Azure authentication
  - Will need to reset login credentials

The screenshot shows the "Sign in to PARS" login page. It features a "Username" input field, a "Login" button, and two links: "Forgot Username" and "Register Smart Card". Below this is a separate box for "IP2M METRR" with an information icon and a "Login to IP2M METRR" button.



# PARS Feedback Tool

The screenshot shows a user interface for the PARS Feedback Tool. A white modal window is centered on the screen, containing three feedback options:

- Report a bug**: Let us know what's broken (represented by a bug icon)
- Feature request**: Tell us how we can improve (represented by a star icon)
- Contact us**: Get in touch with us (represented by a question mark icon)

At the bottom of the modal, it says "Powered by userback".

In the background, a dark blue header contains a "Logout" link. Below the header is a landscape image of wind turbines at sunset. A vertical blue button with a speech bubble icon and the text "Feedback" is positioned on the right side of the page.



# Project Subprojects

**PARS** Projects Contracts Reports Report Builder Empower IP2M METRR Help Amber Young Admin Updates Sign Out

**Subprojects**  
Data last recalculated 8 minutes ago. Audit View  View

PARSID	Name	Acronym	Status	CD	Budgeted TPC	CD2 TPC	Action
			Active	CD1			...
			Active	CD3A			...
			Active	CD3C			...
			Active	CD3			...
			Active	CD1			...
			Active	CD1			...
			Active	CD1			...
<b>TOTAL:</b>							

Jump to project...



# Project Categorization - New

- In PARS
- Will be added to reports

- Order
- Current CD
- Parent
- Suffix

field: **CD\_current** (calculated based on other PARS fields)

- nomenclature
  - **base\_suffix\_status**
  - see selections on the right
  - based on latest approval date
- examples
  - pre-CD0
  - CD0\_CD0R1\_cancelled
  - CD1\_CD1R2\_CD0R1\_on-hold
  - CD3\_BCP2\_CD4A\_CD3B\_CD3A-pre-CD2
  - CD4\_BCP1\_CD4A\_CD1R1
  - closeout\_BCP1\_CD4A\_CD1R1
- each selection has a set of data fields
  - \* need to determine data fields
- **base** (in order)
  - closeout
    - only post CD4
  - CD4
  - CD3
  - CD2
  - CD1
  - CD0
  - pre-CD0\*
    - placeholder
- **suffix** (in order)
  - BCPx
  - CD4x
  - CD3x
  - CD3A-post-CD2
  - CD3A-pre-CD2
  - CD1Rx
  - CD1Ux
  - CD0Rx
- **status**
  - null
  - cancelled\*
  - deleted\*
  - increment\*
  - on-hold
  - transferred\*
  - CD4win6months
  - COWin6months



# Reports



## PARS

Projects Contractors Reports Analytics Environment Help

Amber Young Admin Register PIV Updates Sign Out

## Reports

Projects CR EERE EM FECM NA NE OE RW SC AU PM Monthly PM-20 PM Audit DEV Data Quality Daily Validation

Search for a Project

PARSID ↓↑	Program ↓↑	Project Name ↓↑	Acronym ↓↑	Site ↓↑	Status ↓↑
389	EM	Salt Waste Processing Facility (SWPF)	SWPF	SRS	Completed
390	EM	Waste Treatment and Immobilization Plant (WTP)	WTP	ORP	Active
402	EM	Plutonium Finishing Plant (PFP) Decontamination and Dismantlement - ARRA Base	PFP	Richland	Completed and Closed
465	EM	Calcine Disposition Project	CDP	INL	Active
467	EM	Integrated Facility Disposition Program (IFDP)	IFDP	Oak Ridge	Active
538	EM	Saltstone Disposal Unit #6 (SDU6)	SDU6	SRS	Completed and Closed
651	EM	Sludge Processing Facility Buildouts	SL-PFB	Oak Ridge	Cancelled
652	EM	Nuclear Facility D&D - ETPP		ETPP	Transferred
659	EM	Nuclear Facility D&D - Y-12		Y-12	Cancelled
673	EM	Nuclear Facility D&D - River Corridor Closure Project	RCCP	Richland	Completed

576 of 576 row(s).

Rows per page

10

Page 1 of 58

<< < > >>

### ACCESSIBILITY/SECTION 508

The U.S. Department of Energy is committed to making its electronic and information technologies accessible to individuals with disabilities in accordance with Section 508 of the Rehabilitation Act (29 U.S.C. 794d), as amended in 1998.

### FEEDBACK

Have questions or feedback? Please use the Feedback tool in the bottom right of the page to share your thoughts.

### CONTACT US

For tech support, please send us an email at [support@pars.doe.gov](mailto:support@pars.doe.gov) or head to [support.pars.doe.gov](https://support.pars.doe.gov).



# Report Builder

## Custom Report Builder

Filter and search for projects based on custom data parameters, export reports to Excel. Almost every recorded and calculated field used in PARS is available.

Instructions [\(Hide\)](#)

- **Filtering.** Apply filters in three different ways: 1. by typing into the field below the column headers, 2. by clicking on the funnel icon below the column header, or 3. in the "Filter" sidebar on the far right. Note: The table defaults to 'Active' projects.
- **Column Visibility.** Toggle column visibility in the "Column" sidebar on the far right.
- **Search.** Search for fields in both the "Filter" & "Column" sidebar menus using the input at the top of each menu.
- **Column Resizing.** Resize columns by clicking & dragging the vertical white lines on any column's edge.
- **Scrolling.** Horizontal & vertical scrolling are enabled on this grid.
- **Grouping & Aggregation.** The following columns can be grouped / pivoted: Project Name, Project Status, Project Type, Funding Type, Program, and Next Status. To group by a column drag the column header into the top row of the grid ("Drag here to set row groups"). Doing so will group by that column, and force all number & dollar fields to sum to the grouped column.
- **Export.** To export the current view, along with the current grouping & aggregations, click the "Export to Excel" button above the grid.
- **Links.** Click one of the four icons in the leftmost column to navigate to the project's pages: OA (network), Empower (lightening bolt), PBK Graph (graph), or PBK Table page (table). Hovering over each icon will display a tooltip indicating which page you'll be redirected to. Note that if no EV data is found, the Empower & PBK Graph links be disabled.

Drag here to set row groups

Links	PARSID	Status	Program	Project Name	Project Acronym	BAC
	387	Completed and Closed	EM	Sodium Bearing Waste Treatment (	SBWT	
	388	Cancelled	EM	U-233 Disposition Project - Building	U-233	
	389	Completed	EM	Salt Waste Processing Facility (SW	SWPF	\$1,885,921,664
	390	Active	EM	Waste Treatment and Immobilizatio	WTP	\$12,852,367,012
	392	Completed and Closed	NA	Nuclear Materials Safeguards and	NMSSUP II	\$218,408,408
	393	Completed and Closed	NA	Heating System Modernization (HS	HSM	\$0
	394	Completed and Closed	NA	High Explosive Pressing Facility (H	HEPF	\$112,152,348
	395	Completed and Closed	NA	High Pressure Fire Loop (HPFL)	HPFL	\$0
	396	Completed	NA	Test Capabilities Revitalization (Ph	TCR II	\$0
	397	Completed and Closed	NA	Ion Beam Laboratory	IBL	\$0
	398	Completed and Closed	NA	Waste Solidification Building (WSB)	WSB	\$334,997,558
	399	Cancelled	NA	Pit Disassembly and Conversion (P	PDC	

Pivot Mode

Search...

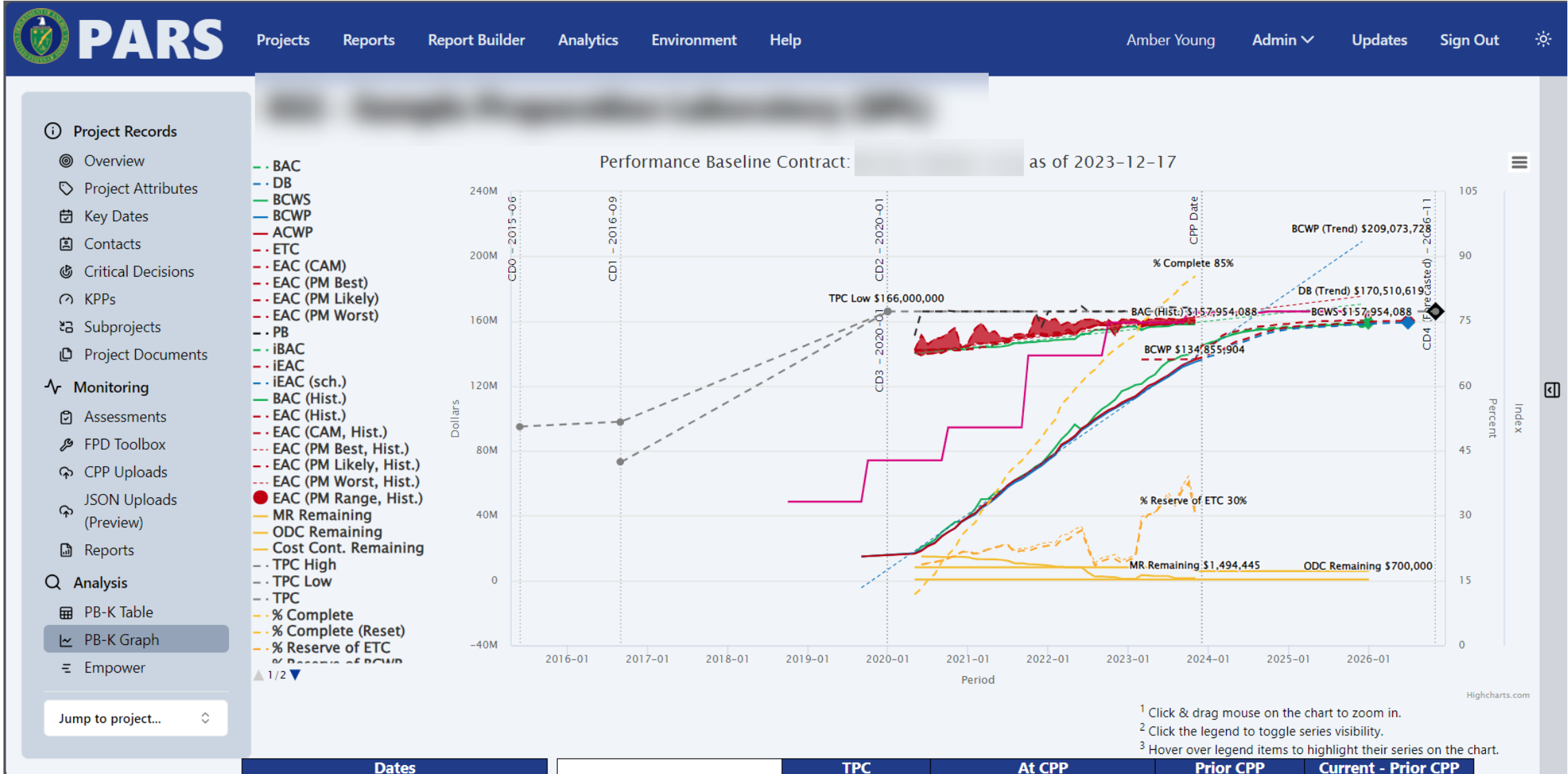
Columns

- Links
- PARSID
- Status
- Program
- Project Name
- Project Acronym
- BAC
- EAC
- BCWS
- BCWP
- ACWP
- Project Status (depreca...
- DOE Project Number

Filters



# PB-K Graph – Request a 1-hour training session





# PB-K Table

**PARS** Projects Reports Report Builder Analytics Environment Help Amber Young Admin Updates Sign Out

**Project Records**

- Overview
- Project Attributes
- Key Dates
- Contacts
- Critical Decisions
- KPPs
- Subprojects
- Project Documents

**Monitoring**

- Assessments
- FPD Toolbox
- CPP Uploads
- JSON Uploads (Preview)
- Reports

**Analysis**

- PB-K Table**
- PB-K Graph
- Empower

Jump to project...

	Current	Prior
CPP Status Date		
OA Period		
PM RYG		
Data As Of		
Latest CPP Upload		

**General**

	POC	Name
Name		
Acronym		
Program		
Program Budget		
Site		
Status		
Contract ID		
Information Tech.		
PM Oversight		
Increment		
Project No.		
Current CD		
Current TPC		
Current CD-4		
Parent YN		
PM-20		
PM-30		
FPD		
FPD Deputy		
FPD Deputy Secondary		
FPD Interim		
FPM		
FPM Deputy		
CO		
Contractor		
Contractor PM		
PME		
Integrator		
Post CD-4		
Federal		
Mission Unit POC		

**PARS** Projects Reports Report Builder Analytics Environment Help Amber Young Admin Updates Sign Out

**832 - Sample Preparation Laboratory (SPL)**

**Project Records**

- Overview
- Project Attributes
- Key Dates
- Contacts
- Critical Decisions
- KPPs
- Subprojects
- Project Documents

**Monitoring**

- Assessments
- FPD Toolbox
- CPP Uploads
- JSON Uploads (Preview)
- Reports

**Analysis**

- PB-K Table**
- PB-K Graph
- Empower

Jump to project...

	Current	Prior
CPP Status Date	2023-12-17	2023-11-26
OA Period	2024-02	2024-01
PM RYG		Green
Data As Of		2024-02-21T18:12
Latest CPP Upload		2023-12-17

- General
- Milestones
- Performance
- Assessments
- Submits
- FPD Toolbox
- Notes
- KPPs

Jump to project...

- One stop shop for all OA & CPP top-level data
- Easy to find both areas of concern and data quality issues





# Empower – to drill down (Tri-Pane View)

Menu Bar

Toolbar

File Options Charts Reports Inputs Dashboards Views Prefilters Admin Help

Dataset Layout Clear Lowest Sum Group Chart Zoom eNotebook Pin Children Drill

MOH-2 JAN 17 WBS Dollars in Thousands :: Gantt :: Empower Default

HIER	WBS	DESCRIPTION	LL	LVL	% CMP	CAM	ET	EVM	DQI	VAR	SV	CV	VAC	SPI	CPI	TCPI-EAC	CPI-EAC	SV	SV %	CV	CV %	VAC
1	1000	MOH-2		1	32.95	Jones			EFI	c				0.942	0.932	1.040	-0.107	-425.6	-5.85	-496.8	-7.25	
11	2000	PROJ MANAGEMENT		2	62.79	Brown	CA		EF					0.985	0.934	1.056	-0.122	-13.2	-1.50	-61.2	-7.04	
111	2100	PROJ MANAGEMENT	x	3	45.70	Brown	WP	LOE	EF					0.959	0.942	1.044	-0.102	-12.0	-4.07	-17.4	-6.16	
112	2200	SYS ENGINEERING	x	3	85.04	Price	WP	P01	EF					1.027	0.901	2.650	-1.749	6.4	2.73	-26.4	-10.95	
113	2300	FUNC INTEGRA	x	3	71.62	Price	WP	P50	EF					0.978	0.952	0.911	0.041	-7.6	-2.15	-17.4	-5.03	
12	3000	PRIME EQUIP		2	30.31	Smith	CA		EF					0.920	0.924	1.006	-0.082	-382.6	-7.96	-365.4	-8.25	
121	3100	SENSORS	x	3	20.87	Smith	WP	M1	EF					0.908	0.971	0.992	-0.021	-36.6	-9.21	-10.6	-2.94	
122	3200	COMMUNICATIONS	x	3	34.63	Tideman	WP	LOE	EFSI	SC				0.777	0.844	1.034	-0.190	-203.2	-22.31	-130.8	-18.49	
123	3300	AUX EQUIP	x	3	27.57	Tideman	WP	P01	EF					0.877	1.133	0.962	0.171	-93.2	-12.27	78.2	11.73	
124	3400	ADPE	x	3	41.89	Zepka	WP	P50	ESI					0.961	1.053	0.978	0.075	-10.2	-3.91	12.6	5.02	
125	3500	COMP PROGRAMS	x	3	47.62	Pino	WP	M1	EF					1.023	1.066	0.934	0.132	2.0	2.27	5.6	6.22	
126	3600	PCC	x	3	28.99	Zepka	WP	LOE	EFSI					0.993	0.850	1.077	-0.177	-11.4	-0.67	-206.7	-17.67	

Sort Window

MOH-2 JAN 17 WBS Dollars [3000 : PRIME EQUIP]

EAC Realism Chart

Chart

MOH-2 JAN 17 WBS Dollars [3000 : PRIME EQUIP] Elements of Cost (Thousands)

	BS_c	BCWP_c	ACWP_c	SV_c	CV_c	BCWS	BCWP	ACWP	SV	CV	BAC	EAC
Hours (Ones)	17,031	15,371	17,431	-1,660	-2,061	64,166	58,674	63,412	-5,492	-4,738	194,039	198,075
LAB \$	145.0	175.0	170.4	30.0	4.6	690.0	715.0	840.2	25.0	-125.2	3,000.0	3,200.0
MAT \$	132.0	21.0	104.0	-111.0	-83.0	192.0	170.0	225.0	-22.0	-55.0	851.0	954.0
G&A \$	21.0	33.0	24.0	12.0	9.0	99.0	102.0	120.0	3.0	-18.0	450.0	508.0
ODC \$	20.0	59.0	0.0	39.0	59.0	120.0	80.0	71.0	-40.0	9.0	100.0	126.0
OH \$	124.0	150.0	146.0	26.0	4.0	591.0	613.0	720.0	22.0	-107.0	1,400.0	1,200.0
EOC Total	442.0	438.0	444.4	-4.0	-6.4	1,692.0	1,680.0	1,976.2	-12.0	-296.2	5,801.0	5,988.0
Delta to Dollars	830.4	712.2	855.0	-118.2	-142.8	3,117.2	2,746.6	2,815.8	-370.6	-69.2	8,805.4	8,927.4

Report

Tri-Pane

Status Bar

Admin::MOH-2 JAN 17 WBS Dollars in Thousands:: [3000 : PRIME EQUIP]::Sort: ↑ Hier::Elements: 23/23



# Sort Window with Schedule

File Options Charts Reports Dashboards Views Prefilters Help

Dataset Layout Clear Lowest Sum Group Chart Zoom eNotebook Pin Children Drill Filter Scale REL Links Critical Milestone Detail

DEC 23 WBS Dollars :: S-011 Finish (G)

HIER	L	Phy %	BLFinish	Finish	Slip	TFloat	Crit	Finish1	Slip1	TFloat1	Crit1	Finish2	Slip2	TFloa	Crit2	Finish3	
1111111	C	EF	Si	0	2022-07-20	2024-01-01	0d	0d	F	2023-11-27	0d	0d	F	2023-10-0d	0d	F	2023-10-01
1111111	C	EF	S'	0	2022-07-21	2024-01-01	0d	0d	F	2023-11-27	0d	0d	F	2023-10-0d	0d	F	2023-10-01
1111111	C	EF	Pr	0	2022-07-28	2024-01-01	0d	0d	F	2023-11-27	0d	0d	F	2023-10-0d	0d	F	2023-10-01
1111111	C	EF	S'	0	2022-08-01	2024-01-01	0d	0d	F	2023-11-27	0d	0d	F	2023-10-0d	0d	F	2023-10-01
1111111	C	EF	D	0	2022-08-04	2024-01-01	0d	0d	F	2023-11-27	0d	0d	F	2023-10-0d	0d	F	2023-10-01
1111111	C	EF	Si	0	2022-08-04		0d	0d	F		0d	0d	F				
1111111	C	EF	S'	0	2022-08-17	2024-01-01	0d	0d	F	2023-11-27	0d	0d	F	2023-10-0d	0d	F	2023-10-01

Schedule Gantt Chart :: S-011 Finish (G)

HIER	Activit	LinkVal	Phy %	BLFinish	Finish	Slip	TFloat	Crit	July	October	January	A
1zzzz	FND	[Unlinked Tasks]	0.0 %	2021-12-28	2024-02-21	0 days	427 days	F				
1zzzz	FND	[Unlinked Tasks]	0.0 %	2022-03-02	2025-04-24	0 days	195 days	F				
1zzzz	C2O	[Unlinked Tasks]	0.0 %		2025-05-27	0 days	178 days	F				
1zzzz	C2O	[Unlinked Tasks]	0.0 %		2025-04-16	0 days	198 days	F				
1zzzz	C2O	[Unlinked Tasks]	0.0 %		2024-04-22	0 days	238 days	F				
1zzzz	C2O	[Unlinked Tasks]	0.0 %		2024-12-03	0 days	173 days	F				
1zzzz	C2O	[Unlinked Tasks]	0.0 %	2026-01-08	2025-12-15	0 days	646 days	F				
1zzzz	C2O	[Unlinked Tasks]	0.0 %	2024-09-30	2024-09-30	0 days	1087 days	F				
1zzzz	C2O	[Unlinked Tasks]	0.0 %	2024-03-31	2024-03-31	0 days	1270 days	F				
1zzzz	C2O	[Unlinked Tasks]	0.0 %	2025-09-30	2025-09-30	0 days	722 days	F				

Task Detail Report

Task Detail

General Information

Item	Value	Item	Value	Item	Value
Unique ID	C201CCR0015	Summary Task	F	IMP	
WBS		Milestone	F	SubType	
OBS		BCWS	0.00000	PlanLevelCode	A
CA		BCWP	24.84000	HDV	N
WP		ACWP	0.00000	Baseline Only	No
EVM	PCT	BAC	28.54000	Forecast Only	No
Contract Milestone		EAC	0.00000	Resource Mitigation Task	

Infrastructure Construction DEC 23 WBS Dollars::::Sort: ↑ Hier::Elements: 2144/2144::Tasks: 30/58 REL [W]

- Hold shift key down and select a Gantt view. Allows you to sort based on schedule.
- Recommend use with Task Description Report



# Audit Metrics Sort View

**Project Assessment and Reporting System**

File Options Charts Reports Dashboards Views Prefilters Help

Dataset Layout Clear Low

Global User Edit Sort View Edit Gantt View Custom Sort Apply / Edit Delete / Reorder

HIER	WBS	C	OBS
1	C		Id: F510
11	C.2		Tr: F510
111	C.2.20		Ad F510 Orchard Brady
1111	C.2.20.10		Sa F510 Orchard Brady
11111	C.2.20.10.10		Cc SPL100 Harris AJ
111111	C.2.20.10.10.10		AF SPL100 Harris AJ
1111111	C.2.20.10.10.10.10		AF SPL100 Harris AJ
11111111	C.2.20.10.10.10.ZZ		C.: SPL100 Harris AJ
111111111	C.2.20.10.10.20		Pr: SPL100 Harris AJ
1111111111	C.2.20.10.10.20.10		AF SPL100 Harris AJ
11111111111	C.2.20.10.10.20.20		Pr: SPL100 Harris AJ
111111111111	C.2.20.10.10.20.40		Pr: SPL100 Harris AJ

**Schedule Gantt Chart :: S-013-G Metric Test Gantt (G)**

- S-001 DOE Leadership
- S-002 DOE Data Validity
- S-003 DOE Schedule Health
- S-004 DOE Variance Analysis
- S-005 DOE Trend Analysis
- S-006 DOE Forecast
- S-010-G DOE Default (G)
- S-011-G Finish (G)
- S-012-G Audit Gantt (G)
- S-013-G Metric Test Gantt (G)
- S-020 A. Organizing Metrics**
- S-020-G A. Organizing Metrics (G)
- S-021 B.01 Planning-Scheduling Metrics
- S-022-G B.02 Planning-Scheduling Metrics (G)
- S-023-G B.03 Planning-Scheduling Metrics (G)
- S-024-G B.06-07 Planning-Scheduling Metrics (G)
- S-025 C. Budgeting-Work Authorization Metrics
- S-025-G C. Budgeting-Work Authorize Metrics
- S-026 D. Accounting Considerations Metrics
- S-027 F. Analysis-Mgmt. Reporting Metrics
- S-028 G. Change Control Metrics
- S-029 H. Material Management Metrics
- S-029-G H. Material Management Metrics (G)
- S-030 DOE CPR
- S-031 DOE Dates

**Analytics Help** Back to Project [Log Out](#)

Children Drill Filter Scale SIB Links Critical Milestone Detail

**Organizing Metrics**

	BCWS	BCWP	ACWP	ETC	EAC	A.01.05	A.04.01	A.04.02	A.04.03	A.05.02	A.05.05	A.05.07
S-020 A. Organizing Metrics	147,460,870	139,088,420	141,683,440	20,351,243	162,034,690							
S-020-G A. Organizing Metrics (G)	147,460,870	139,088,420	141,683,440	20,351,243	162,034,690							
S-021 B.01 Planning-Scheduling Metrics	147,460,870	139,088,420	141,683,440	20,351,243	162,034,690							
S-022-G B.02 Planning-Scheduling Metrics (G)	147,460,870	139,088,420	141,683,440	20,351,243	162,034,690							
S-023-G B.03 Planning-Scheduling Metrics (G)	26,387,345	26,281,569	29,684,493	2,936,725	32,621,218							
S-024-G B.06-07 Planning-Scheduling Metrics (G)	839,625	839,625	839,625	0	839,625	0	0	0	0	1	1	0
S-025 C. Budgeting-Work Authorization Metrics	819,891	819,891	819,891	0	819,891	1	0	0	0	0	0	0
S-025-G C. Budgeting-Work Authorize Metrics	19,735	19,735	19,735	0	19,735	2	0	0	0	0	0	0
S-027 F. Analysis-Mgmt. Reporting Metrics	5,986,130	5,986,130	5,406,602	1,556,005	6,962,608	0	0	0	0	2	1	0
S-028 G. Change Control Metrics	144,768	144,768	144,768	0	144,768	1	0	0	0	0	0	0
S-029 H. Material Management Metrics	1,076,287	1,076,287	1,066,694	83	1,066,777	1	0	0	0	0	0	0
S-029-G H. Material Management Metrics (G)	4,742,069	4,742,069	4,052,385	1,523,678	5,576,063	1	2	2	2	0	0	0

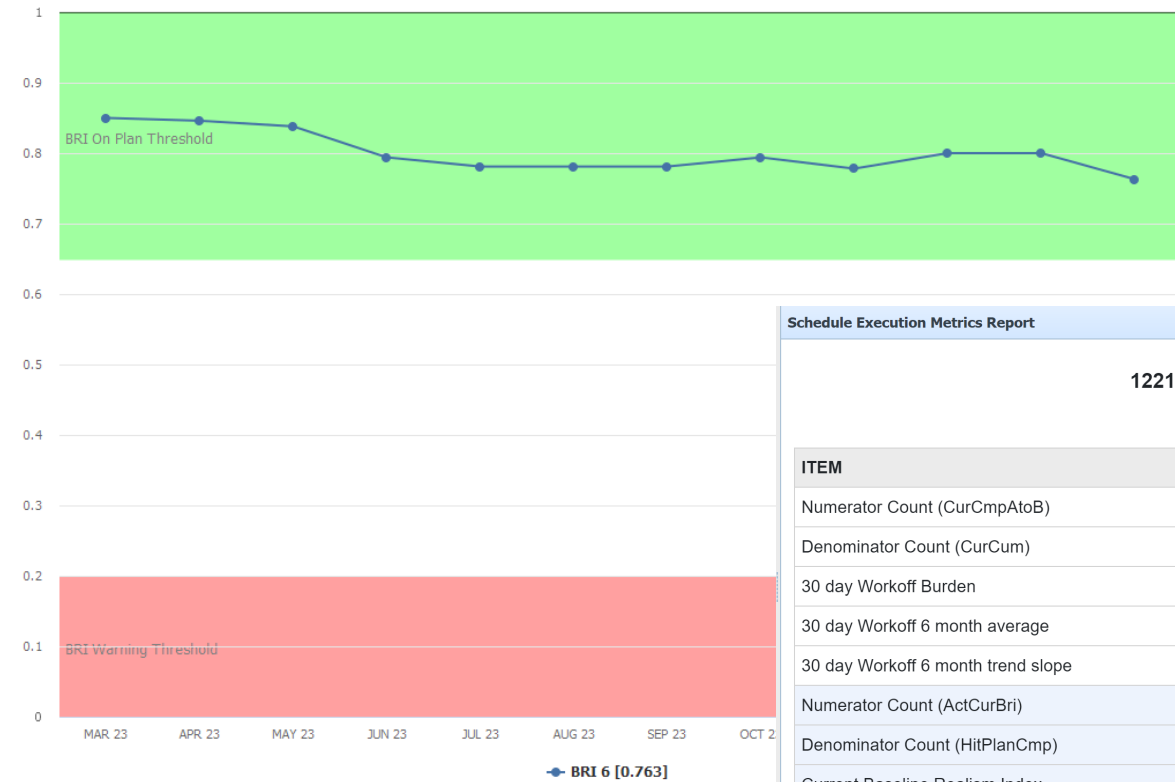
**Audit Metrics Report**



# NRO – Baseline / Forecast Realism Index – Schedule Execution Metrics

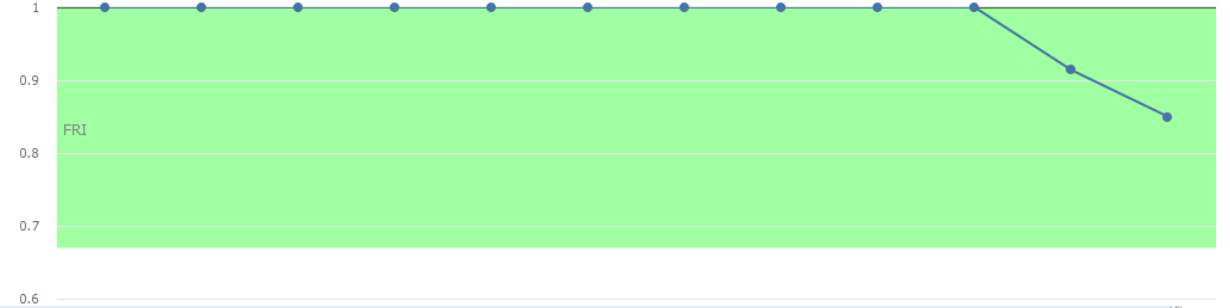
1221 - Far Site Conventional Facilities - Excavation FEB 24 WBS Dollars [131 : LBNF/ DUNE]

Baseline Realism Index



1221 - Far Site Conventional Facilities - Excavation FEB 24 WBS Dollars [131 : LBNF/ DUNE]

Forecast Realism Index



Schedule Execution Metrics Report

1221 - Far Site Conventional Facilities - Excavation FEB 24 WBS Dollars [131 : LBNF/ DUNE]

Schedule Execution Metrics

ITEM	SEP 23	OCT 23	NOV 23	DEC 23	JAN 24	FEB 24
Numerator Count (CurCmpAtoB)	1	1	0	0	1	2
Denominator Count (CurCum)	5	8	5	4	5	8
30 day Workoff Burden	0.200	0.125	0.000	0.000	0.200	0.250
30 day Workoff 6 month average	0.091	0.086	0.059	0.061	0.091	0.143
30 day Workoff 6 month trend slope	-0.010	0.011	0.016	-0.002	0.008	0.014
Numerator Count (ActCurBri)	4	6	5	4	4	6
Denominator Count (HitPlanCmp)	5	7	7	5	5	9
Current Baseline Realism Index	0.800	0.857	0.714	0.800	0.800	0.667
Current BRI 6 month average	0.781	0.794	0.778	0.800	0.800	0.763



# NRO Schedule Execution Metrics AI

## SEM AI Narrative Report

### Schedule Execution Metrics AI Narrative

#### Current Baseline Realism Index (BRI)

The current period Baseline Realism Index (BRI) is 0.667, compared to a maximum value of 1.0. There were 9 activities baselined to finish in this reporting period. Of those specific activities, 6 were completed in this reporting period. This indicates the contractor accomplished 66.7% of the specific activities baselined to be completed in this reporting period, providing a measure of how well the contractor is executing their baseline plan, strictly counting finishes in this period.

#### Cumulative Baseline Realism Index (BRI)

Cumulative to date BRI is 0.957. There were 116 activities baselined to finish cumulative to date. Of those specific activities, 111 were completed cumulative to date. Note: Cumulative BRI and cumulative BPI are always equal. This indicates the contractor accomplished 95.7% of the specific activities baselined to be completed cumulative to date, providing a measure of how well the contractor is executing their baseline plan.

#### Current Period Baseline Execution Index (BEI)

The current period Baseline Execution Index (BEI) is 0.889. There is no maximum value for BEI. There were 9 activities baselined to complete this reporting period while 8 activities were actually completed. The activities completed in this period may not be the tasks baselined to finish this period, but this metric provides insight into the pace of tasks being completed vs. the plan.



# There is more...

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