



Engines and Vehicles – Compliance Information System (EV-CIS)

Production Volume Reporting Module Updates:

Locomotive Industry to be Added for Model Year 2022 Reporting

Informational Meeting
May 18, 2022

Note: This presentation does not apply to the following industries:

- Light-Duty Vehicles and Trucks and Heavy-Duty Highway Class 2b/3 Vehicles will not be incorporated into the new PV reporting module at this time
- Nonroad Compression Ignition Engines will be incorporated into the new PV reporting module in July 2022 at the same time as Locomotives
 - The NRCI webinar presentation from April 2022 can be found under the “Webinars” heading at <https://www.epa.gov/ve-certification/system-documentation-and-guidance-production-volume-reporting>

Agenda

- What's Happening
- Production Volume (PV) Reporting Module Overview
- Demonstration and Screenshots
- Testing and Deployment Information
- Contact Information and Resources
- Questions

What's Happening?

- The Locomotive industry is planned to be incorporated into the new EV-CIS Production Volume Reporting module* in July 2022
- Upon release of the new module, all locomotive production volume reports must be submitted using the new PV reporting module

**The new PV Reporting module was originally released in November 2020 to unify and streamline the PV reporting process across all industries. Industries are being phased into the new module. NRCI and Locomotives are the last two industries planned to be incorporated into the new module at this time.*

What's Happening?

- Upon release of the new module, any corrections/updates to pre-model year 2022 locomotive production volume reports must be submitted to the new PV Reporting module
 - The legacy PV reporting method will be decommissioned
 - The “Create Submission” button must be used the first time a correction/update is needed for a pre-model year 2022 report
 - Any subsequent corrections/updates for the same pre-model year 2022 report can then be made using the “Revise” or “Edit” options (depending on the status of the report)

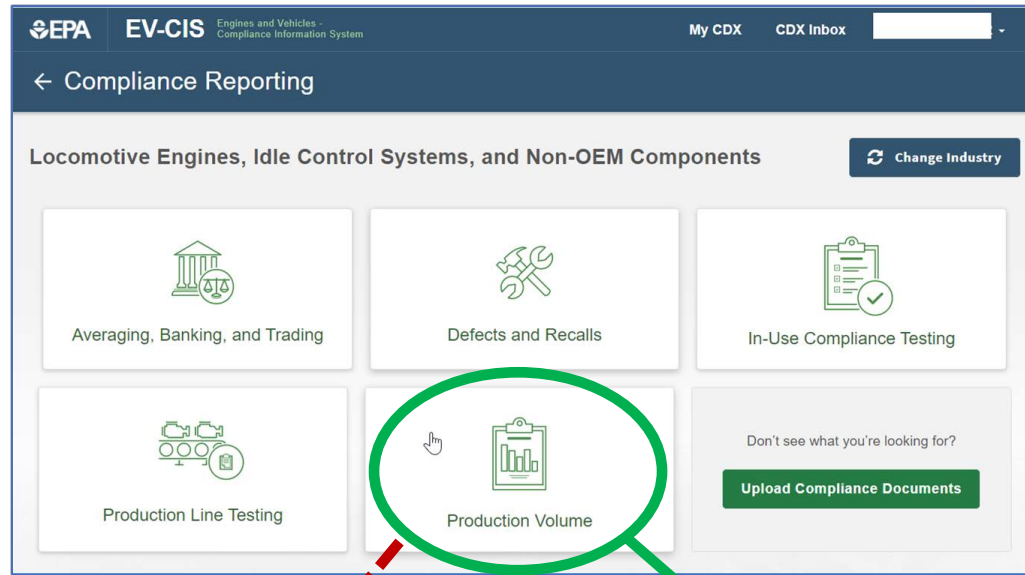
PV Reporting Module Overview

- This new PV Reporting Module is part of EPA's ongoing effort to modernize EV-CIS and develop a comprehensive solution for compliance reporting
- The goals of this module are to—
 - leverage as much existing data as possible to reduce the data entry burden for manufacturers and improve data integrity
 - improve data quality through validation
 - improve rates of compliance with reporting requirements

PV Reporting Module Feature Highlights

- Submission Management
 - Users can see what has been submitted by any user within their company and the status of those submissions
 - Users can create, view, edit, and delete reports with a couple of clicks
 - Locking protects data while it is being worked on
- Pre-loaded Certification Data
 - Users do not need to enter family or model information
 - Users do not need to worry about accidentally omitting families/models
- Real-time Validation
 - No tracking down submission processing reports to determine whether any business rules prevented your submission

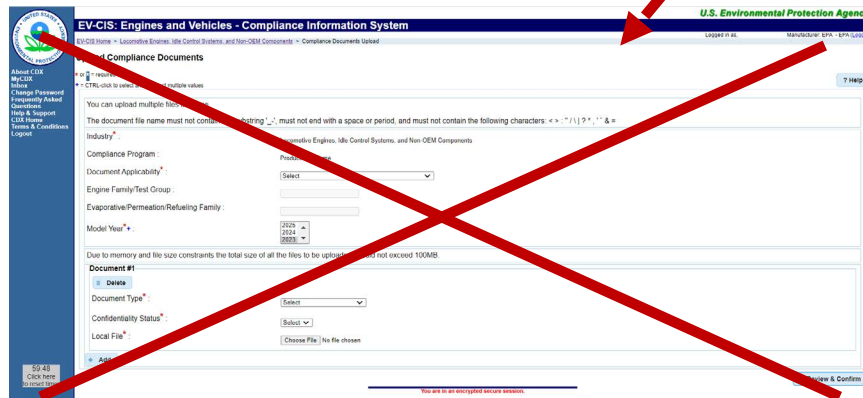
PV Reporting Module Overview



No navigation changes to point of entry for users to submit Locomotive PV reports

Users automatically directed to new PV reporting module

Legacy reporting method will be decommissioned



Mfr Report Name	EPA Report Identifier	Model Year	Industry	Submission Status	Last Modified	Last Modified By	Actions
Ching-shih's Report	EPA-PV-2022-0000136	2023	Locomotive Engines, Idle Control Systems, and Non-OEM Components	Submitted	05/04/2022 01:20:54 pm	Ching-Shih Yang	Select
MY2022 LOCO PVR Report	EPA-PV-2022-0000124	2022	Locomotive Engines, Idle Control Systems, and Non-OEM Components	Submitted	05/04/2022 08:55:15 am	Christi Poirier	Select
Test Report	EPA-PV-2022-0000137	2007	Locomotive Engines, Idle Control Systems, and Non-OEM Components	Submitted	05/04/2022 10:07:03 am	Kelly Kacan	Select

PV Reporting Module Overview

- Production volumes can be reported for three Locomotive family types:
 - Locomotive and Engines (reported at the engine configuration level)
 - Idle Control Systems (reported at the family level)
 - Non-OEM Components (reported at the family level)

**Note: Engine Configuration is a combination of Engine Model and Locomotive Model and is often referred to as “model” for production volume reporting*



Demonstration and Screenshots

MyCDX*

*Screen may vary across users

Access EV-CIS using the “Submitter” role in order to have the ability to edit Production Volume reports. The CAO and CROMERR Signer roles will only provide the ability to view PV reports.

The screenshot shows the MyCDX Central Data Exchange interface. At the top, there is a navigation bar with buttons for MyCDX, Inbox, My Profile, Role Sponsorship, Submission History, and Payments. Below this is a section titled "Services" with a "Manage" link. A table lists three services, each with a user icon, a status dropdown, a program service name, and a role dropdown. The role "Submitter" in the third row is highlighted with a red circle.

Services		Manage
Status	Program Service Name	Role
	EV-CIS: Engines and Vehicles - Compliance Information System	Company Approving Official (CAO)
	EV-CIS: Engines and Vehicles - Compliance Information System	CROMERR Signer
	EV-CIS: Engines and Vehicles - Compliance Information System	Submitter

EV-CIS Home*

*Screen may vary across industries and user EV-CIS roles

Click the [“Submit Compliance Information”](#) button on EV-CIS Home. Then, select the desired industry to view all the applicable compliance reporting requirements for that industry (which includes Production Volume).

The screenshot shows the EV-CIS Home interface. At the top, there is a navigation bar with the EPA logo, the text 'EV-CIS Engines and Vehicles - Compliance Information System', and links for 'My CDX' and 'CDX Inbox'. Below this is a dark blue header with 'EV-CIS Home'. The main content area is titled 'What would you like to do?' and contains six action buttons arranged in a 2x3 grid:

- Maintain Manufacturer Information
- Submit Certification Information
- Request Certificate or CSI Update
- Submit Fuel Economy Label Information
- Submit Compliance Information (highlighted with a red circle)
- Update Introduction to Commerce Date

Compliance Reporting Home*

*Screen varies across industries

After the Production release, click the “[Production Volume](#)” button on Compliance Reporting Home to open the new PV Reporting module for Locomotive.

The screenshot shows the EPA EV-CIS Compliance Reporting Home interface. The header includes the EPA logo, EV-CIS (Engines and Vehicles - Compliance Information System), and navigation links for My CDX and CDX Inbox. The main heading is "Compliance Reporting" with a back arrow. Below this, the industry is identified as "Locomotive Engines, Idle Control Systems, and Non-OEM Components" with a "Change Industry" button. The main content area features five tiles: "Averaging, Banking, and Trading" (scales icon), "Defects and Recalls" (wrench and hammer icon), "In-Use Compliance Testing" (clipboard with checkmark icon), "Production Line Testing" (assembly line icon), and "Production Volume" (clipboard with bar chart icon). The "Production Volume" tile is circled in red. A "Don't see what you're looking for?" section at the bottom right contains an "Upload Compliance Documents" button.

PV Reporting- Home (Submission History)

Click the “[Create Submission](#)” button to create a PV report for model year 2022 or to create a correction to a pre-MY2022 report (the industry of the report will default to the industry selected to enter the PV module).

Note: The year included in the [EPA Report Identifier](#) is the calendar year the report was first created and not the model year of the PV report.

The screenshot shows the EPA EV-CIS interface for Production Volume Reporting. At the top, there is a navigation bar with the EPA logo, 'EV-CIS Engines and Vehicles - Compliance Information System', and user information 'My CDX' and 'CDX Inbox'. Below this is a breadcrumb trail 'Production Volume Reporting' and a 'Home' link. The main content area is titled 'Submission History' and contains a table of reports. Above the table are several controls: a 'Create Submission' button (highlighted with a red box), 'Export All' and 'Print All' buttons, a 'Submission Status' dropdown menu set to 'Submitted', and a 'Search' box containing the text 'Locomotive Engines, Ic' (also highlighted with a red box). The table has columns for 'Mfr Report Name', 'EPA Report Identifier', 'Model Year', 'Industry', 'Submission Status', 'Last Modified', 'Last Modified By', and 'Actions'. Three rows are visible, each with a 'Select' button in the 'Actions' column (these buttons are also highlighted with a red box). The first row is 'Ching-shih's Report' with EPA Report Identifier 'EPA-PV-2022-0000136'. The second row is 'MY2022 LOCO PVR Report' with EPA Report Identifier 'EPA-PV-2022-0000124'. The third row is 'Test Report' with EPA Report Identifier 'EPA-PV-2022-0000137'. At the bottom of the table, there is a pagination control showing 'Showing 1 to 3 of 3 entries (filtered from 79 total entries)' and 'Previous 1 Next'.

Mfr Report Name	EPA Report Identifier	Model Year	Industry	Submission Status	Last Modified	Last Modified By	Actions
Ching-shih's Report	EPA-PV-2022-0000136	2023	Locomotive Engines, Idle Control Systems, and Non-OEM Components	Submitted	05/04/2022 01:20:54 pm	Ching-Shih Yang	Select
MY2022 LOCO PVR Report	EPA-PV-2022-0000124	2022	Locomotive Engines, Idle Control Systems, and Non-OEM Components	Submitted	05/04/2022 08:55:15 am	Christi Poirier	Select
Test Report	EPA-PV-2022-0000137	2007	Locomotive Engines, Idle Control Systems, and Non-OEM Components	Submitted	05/04/2022 10:07:03 am	Kelly Kacan	Select

When entering the PVR module, all PV reports submitted by any user for the Manufacturer Code and selected industry (e.g., Locomotive) will be displayed. Type additional text in the [Search box](#) to filter which PV reports to display.

Click the “[Select](#)” button and then “[Revise](#)”, “[History](#)”, or “[View](#)” for submitted reports or “[Edit](#)”, “[History](#)”, or “[Delete](#)” for pending reports.

PV Reporting- Home

- The Production Volume Home screen shows all “Pending” (not yet submitted to EPA) and “Submitted” PV reports for all model years that were created by any users for your Manufacturer Code
- Any user can view or edit any report regardless of who initially created it, unless it is locked because another user is currently editing the report
- The list will initially be filtered to only display reports for the industry selected when clicking the Submit Compliance Information button on EV-CIS Home, but can be further filtered to only display reports of interest
- Click the “Create Submission” button to create a new PV report

PV Reporting- Report Setup

Enter a unique Manufacturer Report Name for this PV report. A warning business rule will display on the Review & Confirm screen if the same Manufacturer Report Name already exists for a different PV report for your manufacturer.

Tip: In order to filter reports on the PV Reporting Home page for a specific model year, include “model year” or “MY” in the Manufacturer Report Name field in addition to the model year.

The screenshot shows the 'Report Setup' screen in the EPA EV-CIS system. The header includes the EPA logo, 'EV-CIS Engines and Vehicles - Compliance Information System', and user options 'My CDX' and 'CDX Inbox'. The main heading is 'Production Volume Reporting'. The form fields are as follows:

- EPA Manufacturer Code: EPA
- Manufacturer Name: Environmental Protection Agency
- Industry: Locomotive Engines, Idle Control Systems, and Non-OEM Compr
- Report Type: Production Volume Report
- Model Year: 2022
- Manufacturer Report Name: Mfr MY2022 Locomotive PV Report Name (highlighted with a red box)
- Manufacturer Report ID: Optional Mfr Report ID
- Comments: Any comments for this PV report...

At the bottom, there is an 'Exit' button and a 'Next →' button (highlighted with a red box).

When creating a new report, clicking the “Next” button on the Report Setup screen will lock the Industry, Report Type, and Model Year fields so they cannot be modified. If any of these are entered incorrectly, delete the pending report and create a new one.

PV Reporting- Report Setup

- After clicking the “Next” button on the Report Setup screen, the report will automatically be saved as a pending report, after which the following fields can no longer be revised:
 - Industry, Report Type, Model Year
 - If any of these fields are entered incorrectly, delete the pending report and create a new one
- Pending reports can continue to be updated using the “Edit” option in the “Actions” column until they have been submitted
- Once a report has been submitted, it can be updated using the “Revise” option in the “Actions” column

PV Reporting- Report Description

Select all applicable Contact(s) for this PV Report. If the correct Contact is not included in the drop-down list, go to Maintain Manufacturer Information and add the combination of the applicable Industry and Compliance Program of “Production Volume” to an existing Contact or to a newly created contact.

The screenshot shows the EPA EV-CIS interface for 'Production Volume Reporting'. The top navigation bar includes the EPA logo, 'EV-CIS Engines and Vehicles - Compliance Information System', and user options 'My CDX' and 'CDX Inbox'. The main heading is 'Production Volume Reporting' with a back arrow. Below this is the 'Report Description' section, which features a progress indicator with five steps: 1. Report Setup (checked), 2. Report Description (active), 3. Report Details, 4. Review & Confirm, and 5. Complete. The form contains several fields: EPA Manufacturer Code (EPA), EPA Report Identifier (EPA-PV-2022-0000156), Report Type (Production Volume Report), Manufacturer Name (Environmental Protection Agency), Industry (Locomotive Engines, Idle Control Systems, and Non-OEM Components), and Report Name (Mfr MY2022 Locomotive PV Report Name). A 'Contact(s)' dropdown menu is currently set to 'Select Contact...' with a plus sign to its right. A large text area for 'Comments (3966 characters available):' contains the placeholder text 'Any comments for this PV report...'. At the bottom, there are four buttons: 'Back' (green), 'Exit' (grey), 'Save' (dark blue), and 'Next' (green with a right arrow).

Click the “Next” button to proceed to the Report Details screen where production volumes will be entered.

PV Reporting- Report Description

- The Contact(s) drop-down list on the Locomotive Report Description screen will only include contacts from the EV-CIS Manufacturer Information module that have an active combination of:
 - Industry of “Locomotive Engines, Idle Control Systems, and Non-OEM Components” and a Compliance Program of “Production Volume Report”
- If the correct contact is not included in the drop-down list for a PV report, exit the PV module, click on “Maintain Manufacturer Information” on EV-CIS Home, and add the required combination of Industry and Compliance Program to an existing Contact or to a newly created contact
 - Note- There may be a delay until the additional contact appears in the PVR Contact(s) drop-down list while the update is being processed by EV-CIS

PV Reporting- Report Details

Production volumes can be reported for three Locomotive family types:

- Locomotive & Engine
- Idle Control System
- Non-OEM Component.

The PV Report Details screen initially only displays certified Locomotive & Engine families. To view/report production volumes for Idle Control System and/or Non-OEM Component families, select “Yes” for the applicable question(s) (see next slides).

Report Details

Report Setup | Report Description | **Report Details** | Review & Confirm | Complete

EPA Manufacturer Code: EPA
EPA Report Identifier: EPA-PV-2022-0000156
Report Type: Production Volume Report

Manufacturer Name: Environmental Protection Agency
Industry: Locomotive Engines, Idle Control Systems, and Non-OEM Components
Report Name: Mfr MY2022 Locomotive PV Report Name

Report volumes for Idle Control System Families (PV-29)? *
Note: Selecting "No" will cause Idle Control System data to be ignored when importing from a CSV file.

Report volumes for Non-OEM Component Families (PV-30)? *
Note: Selecting "No" will cause Non-OEM Component data to be ignored when importing from a CSV file.

List of Locomotive & Engine Families:

Edit	Family Name	Status	Remanufactured Locomotive?	Projected Sales (Total U.S.)	Production Volume (Total U.S.)	# Exempted Engines
<input checked="" type="checkbox"/>	NEPAG15.0JB2	Certified	No	20	(Model data incomplete)	0
<input checked="" type="checkbox"/>	NEPAG15.0JB3	Revoked	No	20	(Model data incomplete)	0
<input checked="" type="checkbox"/>	NEPAG30.0JB1	Certified	No	6	(Model data incomplete)	0
<input checked="" type="checkbox"/>	NEPAG30.0JB2	Suspended	No	6	(Model data incomplete)	0

Display 10 per page

Displaying 1-4 of 4 total records

Since production volumes are provided at the model level for Locomotive & Engine families, click the Edit pencil icon next to a family name to display all certified models for that family. The screen will continue to say “(Model data incomplete)” for any families where volumes have not been entered for all models (see next slide).

Click the “Save” button to save an incomplete PV report since Locomotive PV reports cannot be submitted until production volumes are provided for all certified families that are displayed on the Report Details screen.

Once all required production volumes have been provided, click the “Review & Confirm” button to validate the report.


PV Reporting- Report Details

For Locomotive & Engine families, click the [Edit pencil icon](#) next to a family name to display all certified models for that family.

The screen will continue to say “[\(Model data incomplete\)](#)” for each family until production volumes have been provided for all models.


List of Locomotive & Engine Families:

Search for Families... Hide Completed Records


Edit	Family Name	Status	Remanufactured Locomotive?	Projected Sales (Total U.S.)	Production Volume (Total U.S.)	# Exempted Engines
	NEPAG15.0JB2	Certified	No	20	(Model data incomplete)	1

List of Models for Family: NEPAG15.0JB2



Search for Models... Hide Completed Records

Engine Model	Locomotive Model	Production Volume (Total U.S.) *	# Exempted Engines	Manage Exempted Engines
ASX15-L	2Engine	123	1	




List of Exempted Engines for Configuration: ASX15-L / 2Engine

Delete	Exempted Engine Loc Id *	Exempted Engine Buyer *	Exempted Engine Shipping Destination *
	<input type="text"/>	<input type="text"/>	<input type="text"/>

Add Exempted Engine Cancel Done

ASX15-L	1Engine	456	0	
ASX15-L	3Engine	<input type="text"/>	0	

Cancel Done

	NEPAG15.0JB3	Revoked	No	20	(Model data incomplete)	0
	NEPAG30.0JB1	Certified	No	6	(Model data incomplete)	0
	NEPAG30.0JB2	Suspended	No	6	(Model data incomplete)	0

Click the [Edit pencil icon](#) in the Manage Exempted Engines column for a model to provide Exempted Engine information. Click the “[Done](#)” button to close the list of Exempted Engines for that model.

After providing production volumes for all models, click the “[Done](#)” button and the system will calculate/display the total production volume for the family.

PV Reporting- Report Details

Report volumes for Idle Control System Families (PV-29)? * Yes No

Note: Selecting "No" will cause Idle Control System data to be ignored when importing from a CSV file.

Report volumes for Non-OEM Component Families (PV-30)? * Yes No

Note: Selecting "No" will cause Non-OEM Component data to be ignored when importing from a CSV file.

To view/report production volumes for Idle Control System and/or Non-OEM Component families, select “Yes” for the applicable question(s) and separate tables will be displayed with all certified families for that type. Select “No” if production volumes will not be reported for that type.

Production volumes for Idle Control System and/or Non-OEM Component families are reported at the family-level (not model-level).

List of Idle Control System Families:

Search for Families...

Family Name	Status	Projected Sales (Total U.S.)	Production Volume (Total U.S.)
NEPAKIDLEJB1	Void	1	<input type="text"/>
NEPAKIDLEJB4	Certified	1	<input type="text"/>

Display 10 per page

Displaying 1-2 of 2 total records

List of Non-OEM Component Families:

Search for Families...

Family Name	Status	Projected Sales (Total U.S.)	Production Volume (Total U.S.)
NEPAKCOMPJB3	Certified	1	<input type="text"/>
NEPAKCOMPJB4	Certified	1	<input type="text"/>
NEPAKCOMPJB5	Certified	1	<input type="text"/>

Display 10 per page

Displaying 1-3 of 3 total records

Comments (3966 characters available):

Any comments for this PV report...

Back Exit Save Review & Confirm

PV Reporting- Report Details

- All certified locomotive families (and all models for applicable families) will be auto-populated on the Report Details screen so that required production volumes can be entered
 - “Yes” or “No” must be selected for both questions regarding reporting Idle Control and Non-OEM Component family production volumes
 - A PV report can only be submitted to EV-CIS after production volumes have been entered for all required families
 - Incomplete reports can be saved as pending reports so they can be completed and submitted in a future session
 - Exempted Engines can be entered for any applicable models for Locomotive & Engine families

PV Reporting- Data Import

- There are two data import options for locomotives: production volume data and exempted engines information
- In lieu of manually entering the data, Locomotive production volume data can be imported onto the Report Details screen from a properly formatted locomotive CSV template
 - The same Locomotive-specific CSV template will be used to import production volume data for all three locomotive family types and a separate CSV template will be used to import Exempted Engines information
 - Any rows of a CSV file that do not match a certified family/model combination will be ignored
 - Data entered on the user interface for a family/model that matches a family/model row of the CSV file will be overwritten by the data in the CSV file
 - Data entered on the user interface for a family/model that does not match any family/model rows of the CSV file will not be modified after importing the CSV file
 - Upon clicking the Review & Confirm button, any imported data will undergo the same validation as data that was manually entered

PV Reporting- Data Import

To import data from a CSV file:

1. Click the “Import Production Volume Data from a CSV File” or “Import Exempted Engines Data from a CSV File” button depending on the type of data to be imported.
2. Click the “Choose File” button and browse for and select the applicable Locomotive CSV file.
3. Click the “Import” button.
4. If there is a problem with your CSV file, an error will be displayed. Otherwise, data in your CSV file that matches certified families/models on the Report Details screen will be imported (and will replace any data already entered on the screen for matching rows).

Report Details

EPA Manufacturer Code: EPA
EPA Report Identifier: EPA-PV-2022-000015
Report Type: Production Volume Report

Import Family Model Data from Template

Choose File PVR loco.csv

You can import Production Volume Family Model data from a properly formatted CSV file from your workstation.

WARNING: Production volume data imported from this file will replace any production volume data you have already entered! Production volume data for any families not included in the imported file will not be modified.

Cancel Import

Report Name: Mfr MY2022 Locomotive PV Report Name

Report volumes for Idle Control System Families (PV-29)? * Yes

Report volumes for Non-OEM Component Families (PV-30)? * Yes

Import Production Volume Data from a CSV File

Import Exempted Engines Data from a CSV File

List of Locomotive & Engine Families:

Search for Families... Hide Completed Records

Edit	Family Name	Status	Remanufactured Locomotive?	Projected Sales (Total U.S.)	Production Volume (Total U.S.)	# Exempted Engines
✓	NEPAG15.0JB2	Certified	No	20	(Model data incomplete)	0
✓	NEPAG15.0JB3	Revoked	No	20	(Model data incomplete)	0
✓	NEPAG30.0JB1	Certified	No	6	(Model data incomplete)	0
✓	NEPAG30.0JB2	Suspended	No	6	(Model data incomplete)	0

Display 10 per page

PV Reporting- Data Import

This is an example of Locomotive CSV file for importing production volume values.

	A	B	C	D	E	F	G	H	I
1	# This is a template for importing Production Volume Report data for the Locomotive industry for all Family Types.								
2	# Rows of the CSV File for Idle Control System Families will be ignored unless 'Yes' is selected for 'Report volumes for Idle Control System Families (PV-29)' on the Report Details screen.								
3	# Rows of the CSV File for Non-OEM Component Families will be ignored unless 'Yes' is selected for 'Report volumes for Non-OEM Component Families (PV-30)' on the Report Details screen.								
11	# Any row that starts with a '#' in the first column will be ignored.								
12	#								
13	# The Family Type (PV-4) will be determined from characters 6-9 in the Family Name (PV-2).								
14	# Production Volume (Total U.S.) (PV-11) is required for Family Type (PV-4) of 'Idle Control System' or 'Non-OEM Component'; otherwise it is not allowed.								
15	# Engine Model (PV-13) is required for Family Type (PV-4) of 'Locomotive or Engine'; otherwise it is not allowed.								
16	# Locomotive Model (PV-14) is required for Family Type (PV-4) of 'Locomotive or Engine'; otherwise it is not allowed.								
17	# Production Volume (Total U.S.) (PV-24) is required for Family Type (PV-4) of 'Locomotive or Engine'; otherwise it is not allowed.								
19	# See examples below.								
20	#								
21	# Model Year	Engine Family Name	Production Volume (Total U.S.)	Engine Model	Locomotive Model	Production Volume (Total U.S.)			
22	# PV-1	PV-2	PV-11	PV-13	PV-14	PV-24			
23	# **Required for CSV**	**Required for CSV**	**Conditional for CSV**	**Conditional for CSV**	**Conditional for CSV**	**Conditional for CSV**			
			Only required for Idle Control System or Non-OEM Component families	**Only required for Locomotive & Engine families**	**Only required for Locomotive & Engine families**	**Only required for Locomotive & Engine families**			
24	# **Always Required**	**Always Required**							
25	# 2022	NEPAG99.9ABC		Model A	LM1	9999			
26	# 2022	NEPAGIDLE123	9999						
27	# 2022	NEPAGCOMP456	99						
28	# 2022	NEPAK99.9ABC		Model B	LM2	99			
29	# 2022	NEPAKIDLE123	999						
30	# 2022	NEPAKCOMP456	9						
31	2022	NEPAG30.OJB2		AST30	LN5	555			
32	# The production volume value in the next row will replace the production volume value already entered on the Report Details screen								
33	2022	NEPAG30.OJB2		AST30	LN7	777			
34	2022	NEPAG30.OJB2		AST30	LN9	9			
35	# The production volume value in the next row will replace the value imported from the previous row since it is for the same MY, family, and model								
36	2022	NEPAG30.OJB2		AST30	LN9	99999999			
37	2022	NEPAKIDLEJB1	11111						
38	# The next row will be ignored since it is not a valid combination that exists on the Report Details screen								
39	2023	NEPAG30.OJB2		AST30	LN9	11111			

PV Reporting- Data Import

These screenshots show the Report Details screen before importing data from a CSV file. The **highlighted** rows will be modified after importing data from the CSV file (see next slide).

List of Locomotive & Engine Families:

Edit	Family Name	Status	Remanufactured Locomotive?	Projected Sales (Total U.S.)	Production Volume (Total U.S.)	# Exempted Engines
	NEPAG15.0JB2	Certified	No	20	6645	0
	NEPAG15.0JB3	Revoked	No	20	6645	0
	NEPAG30.0JB1	Certified	No	6	6690	0
	NEPAG30.0JB2	Suspended	No	6	(Model data incomplete)	0

List of Models for Family: NEPAG30.0JB2

Search for Models... Hide Completed Records

Engine Model	Locomotive Model	Production Volume (Total U.S.) *	# Exempted Engines	Manage Exempted Engines
AST30	LN7	71	0	
AST30	LN5		0	
AST30	LN9		0	

Cancel Done

List of Idle Control System Families:

Family Name	Status	Projected Sales (Total U.S.)	Production Volume (Total U.S.)
NEPAKIDLEJB1	Void	1	
NEPAKIDLEJB4	Certified	1	1

List of Non-OEM Component Families:

Family Name	Status	Projected Sales (Total U.S.)	Production Volume (Total U.S.)
NEPAKCOMPJB3	Certified	1	31
NEPAKCOMPJB4	Certified	1	42
NEPAKCOMPJB5	Certified	1	53

PV Reporting- Data Import

These screenshots show the Report Details screen after importing data from a CSV file. The **highlighted** rows were modified after importing data from the CSV file.

List of Locomotive & Engine Families:

Edit	Family Name	Status	Remanufactured Locomotive?	Projected Sales (Total U.S.)	Production Volume (Total U.S.)	# Exempted Engines
	NEPAG15.OJB2	Certified	No	20	6645	0
	NEPAG15.OJB3	Revoked	No	20	6645	0
	NEPAG30.OJB1	Certified	No	6	6690	0
	NEPAG30.OJB2	Suspended	No	6	100001331	0

List of Models for Family: NEPAG30.OJB2

Search for Models...

Engine Model	Locomotive Model	Production Volume (Total U.S.) *	# Exempted Engines	Manage Exempted Engines
AST30	LN7	777	0	
AST30	LN5	555	0	
AST30	LN9	99999999	0	

List of Idle Control System Families:

Family Name	Status	Projected Sales (Total U.S.)	Production Volume (Total U.S.)
NEPAKIDLEJB1	Void	1	11111
NEPAKIDLEJB4	Certified	1	1

List of Non-OEM Component Families:

Family Name	Status	Projected Sales (Total U.S.)	Production Volume (Total U.S.)
NEPAKCOMPJB3	Certified	1	31
NEPAKCOMPJB4	Certified	1	42
NEPAKCOMPJB5	Certified	1	53

PV Reporting- Data Import

This is an example of a Locomotive CSV file for importing Exempted Engines information.

	A	B	C	D	E	F	G	H	I	J	
1	# This is a template for importing Production Volume Report data for the Locomotive industry Exempted Engines.										
11	# See examples below.										
12	#										
13	# Model Y	Engine Family Name	Engine Model	Locomotive Model	Exempted Engine Loc ID	Exempted Engine Buyer	Exempted Engine Shipping Destination				
14	# PV-1	PV-2	PV-13	PV-14	PV-26	PV-27	PV-28				
15	# **Requi	**Required for CSV**	**Required for CSV**	**Required for CSV**	**Required for CSV**	**Required for CSV**	**Required for CSV**				
16	#										
17	# 2022	NEPAG99.9ABC	Model A	LM1	6101	Buyer 1	Full Address 1				
18	# 2022	NEPAK99.9ABC	Model B	LM2	6102	Buyer 2	Full Address 2				
19	2022	NEPAG30.0JB2	AST30	LN5	AST30-LN5	Buyer 1	Address 1				
20	2022	NEPAG30.0JB2	AST30	LN7	AST30-LN7	Buyer 2	Address 2				
21	2022	NEPAG30.0JB2	AST30	LN9	AST30-LN9	Buyer 3	Address 3				
22	#The following row will be ignored since the family/model combination does not match a combination on the Report Details screen:										
23	2022	NEPAG30.0JB9	AST30	LN7	AST30-LN7	Buyer 2	Address 2				
24	#The following row would cause a CSV import error if it were not commented out because the Exempted Engine Buyer and Shipping Destination are blank:										
25	#2022	NEPAG30.0JB2	AST30	LN9	AST30-LN9						
26											

PVR loco exempted engines

PV Reporting- Data Import

This screenshot shows the Report Details screen before importing Exempted Engines information from a CSV file.

The **highlighted** values will be modified after importing data from the CSV file.

List of Locomotive & Engine Families:

Search for Families... Hide Completed Records

Edit	Family Name	Status	Remanufactured Locomotive?	Projected Sales (Total U.S.)	Production Volume (Total U.S.)	# Exempted Engines
	NEPAG15.0JB2	Certified	No	20	6645	0
	NEPAG15.0JB3	Revoked	No	20	6645	0
	NEPAG30.0JB1	Certified	No	6	6690	0
	NEPAG30.0JB2	Suspended	No	6	100001331	0

List of Models for Family: NEPAG30.0JB2

Search for Models... Hide Completed Records

Engine Model	Locomotive Model	Production Volume (Total U.S.) *	# Exempted Engines	Manage Exempted Engines
AST30	LN7	<input type="text" value="777"/>	0	
AST30	LN5	<input type="text" value="555"/>	0	
AST30	LN9	<input type="text" value="99999999"/>	0	

Cancel Done

PV Reporting- Data Import

These screenshots show the Report Details screen after importing data from a CSV file. The **highlighted** values were modified after importing data from the CSV file.

The screenshot displays the 'List of Locomotive & Engine Families' and 'List of Models for Family: NEPAG30.0JB2' sections. The 'List of Models' table shows the following data:

Engine Model	Locomotive Model	Production Volume (Total U.S.) *	# Exempted Engines
AST30	LN7	777	1

The 'List of Exempted Engines for Configuration: AST30 / LN7' shows one entry:

Exempted Engine Loc Id *	Exempted Engine Buyer *	Exempted Engine Shipping Destination *
AST30-LN7	Buyer 2	Address 2

The 'List of Locomotive & Engine Families' table shows the following data:

Edit	Family Name	Status	Remanufactured Locomotive?	Projected Sales (Total U.S.)	Production Volume (Total U.S.)	# Exempted Engines
	NEPAG15.0JB2	Certified	No	20	6645	0
	NEPAG15.0JB3	Revoked	No	20	6645	0
	NEPAG30.0JB1	Certified	No	6	6690	0
	NEPAG30.0JB2	Suspended	No	6	10001331	3

The 'List of Exempted Engines for Configuration: AST30 / LN5' shows one entry:

Exempted Engine Loc Id *	Exempted Engine Buyer *	Exempted Engine Shipping Destination *
AST30-LN5	Buyer 1	Address 1

The 'List of Exempted Engines for Configuration: AST30 / LN9' shows one entry:

Exempted Engine Loc Id *	Exempted Engine Buyer *	Exempted Engine Shipping Destination *
AST30-LN9	Buyer 3	Address 3

PV Reporting- Review & Confirm



If no business rule errors are displayed at the top of the Review & Confirm screen, click the “Submit” button to submit this PV report.

Click the “Exit” button to return to the PV Home screen and keep this PV report as pending.

Click the “Back” button to continue editing this PV report or to resolve any business rule errors.

Report Setup

Manufacturer Code:	EPA	Manufacturer Name:	Environmental Protection Agency
EPA Report Identifier:	EPA-PV-2022-0000036	Industry:	Nonroad Compression-Ignition Engine
Report Type:	Production Volume Report	Model Year:	2012
Manufacturer Report Name:		Manufacturer Report ID:	Optional Manufacturer Report ID

Report Description

Contacts:

- Mrs. Christi Poirier (poirier.christi@epa.gov)

Summary of Modifications:

Annual Modifications

Report Details

List of Families:

Show/Hide	Family Name	Status	Projected Sales (48 States)	Projected Sales (CA)	Projected Sales (Total U.S.)	Production Volume (Total U.S.)
+	CEPAL2.B1234	Certified	900	100	1000	7400
+	CEPAL5.B1234	Certified	400	600	1000	2250

Comments:

Optional comments for this Production Volume Report

Back **Exit** **Submit**

PV Complete



Record the CDX Transaction ID for each PV report submission in case there are any issues with the submission.

You will NOT receive CDX inbox messages for Production Volume Report submissions.

Complete

Your report has been submitted to EPA. If you have any questions, please contact EPA at 703-253-3259 or email evcishelpdesk@epacdx.net. You can check the status of your submission on the Production Volume Reporting Home Page.

Report Setup Report Description Report Details Review & Confirm Complete

Submission Summary

Date:	03/24/2022	Process Code:	Correction
Manufacturer Code:	EPA	Manufacturer Name:	Environmental Protection Agency
Industry:	Nonroad Compression-Ignition Engines	Report Type:	Production Volume Report
Model Year:	2012	EPA Report Identifier:	EPA-PV-2022-0000036
Transaction ID:	_9918ca17-2140-453a-b10d-14f16116a698		

[Go to My CDX](#) [Done](#)

Testing and Deployment Information

- EPA will NOT be holding an official Manufacturer Testing period due to:
 - Limited/unknown availability of the EV-CIS testing environment
 - The time that would be required by manufacturers and EPA to get families certified in the testing environment, which is a prerequisite for testing the PV Reporting module
- The production deployment date for incorporating the NRCI and Locomotive industries into the new PV Reporting module is planned for Friday, July 22, 2022 (and available for use beginning Monday, July 25, 2022)
 - Possible backup date is Friday, July 29, 2022 (and available for use beginning Monday, August 1, 2022)



Contact Information

EV-CIS Help Desk

Direct all system-related questions to the EV-CIS Help Desk—
Email evcishelpdesk@epacdx.net

EV-CIS Listserver

To sign up for the EV-CIS list server, send email to evcis-subscribe@lists.epa.gov

Manufacturer Information and Guidance Listserver

To be notified when new manufacturer information letters, guidance letters, and advisory circulars are issued for vehicle, engine, and equipment programs, join the Manufacturer Information list server by sending email to manufacturer-info-subscribe@lists.epa.gov.



Resources

EV-CIS Website

<https://www.epa.gov/vehicles-and-engines>

EV-CIS User Registration

<https://www.epa.gov/ve-certification/how-register-engines-and-vehicles-compliance-information-system-ev-cis>

System Documentation and Guidance for Production Volume Reporting

<https://www.epa.gov/ve-certification/system-documentation-and-guidance-production-volume-reporting>



Questions?