



JOB AID

PETRINEX EDIT/VALIDATION RULES RELATED TO ALBERTA ALLOWABLE COST SUBMISSIONS

Updated: February 6, 2023



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EDIT/VALIDATION RULES RELATED TO ALBERTA ALLOWABLE COSTS DATA SUBMISSIONS IN PETRINEX

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Note: These are the edits in Petrinex and do not include edits from other internal DOE systems that relate to allowable cost submissions.



JOB AID

1. FACILITY COST CENTER (AC1) SUBMISSIONS EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

Note: The Edit Audience column denotes the party for whom the edit applies. Edit Audience can be one of:

- Industry: Industry batch and online users.
- DOE: Department of Energy Online users (i.e.: DOE Audit)
- DOE Batch: Server to Server process used for confirmation of Industry submissions and DOE INITIATED BATCH submissions
- As this submission is a full-form replacement, all edits, subject to the above Edit Audience rules should be performed on all submissions.

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
FCC ID	On Change and Terminate: Must exist in Petrinex. (Where DOE Batch is the edit audience this only applies to submissions where DOEApproval = Approved or where the submission is a DOEUPDATE. See IS Manage Facility Cost Centre P560 for description of DOEApproval and DOEUPDATE.	Error	[Value] is not a valid FCC ID.	GCA001	Industry/DOE/DOE Batch

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
	Note: Deleting a FCC, physically deletes it from Petrinex after it has been approved by the DOE. It cannot be displayed.				
FCC ID	On Setup: Must be blank.	Error	FCC ID Must be blank.	GCA011	Industry
FCC ID	The FCC cannot be edited if a pending FCC operator change exists.	Error	There is a pending FCC operatorship change, no other changes are allowed.	GCA119	Industry/DOE/DOE Batch
FCC ID	FCC must not have any AC2-AC4 forms filed for this FCC for any time period. (Delete Only)	Error	The FCC [value] could not be deleted when [value] forms exist.	GCA110	Industry/DOE/DOE Batch
FCC ID	FCC must not have been referenced on other FCC's Previous FCC section. (Delete Only)	Error	Cannot delete FCC [value] because has been named as a Previous FCC on AC1 [value].	GCA111	Industry/DOE/DOE Batch
FCC ID	FCC must not have been listed as a transfer on an AC2 of other FCC's. (Delete Only)	Error	Cannot delete FCC [value] because it has been listed as a transfer on an AC2 of AC1's [value].	GCA112	Industry/DOE/DOE Batch
FCC ID	FCCs can only be deleted on-line	Error	FCCs can only be deleted on-line.	GCA113	Industry
FCC ID	Must be a valid, confirmed FCC in Petrinex.	Error	[value] is not valid FCC ID.	GCA001	Industry/DOE
FCC ID	If there are any unconfirmed pending transactions (AC1, AC2 or AC3), update is not allowed.	Error	AC1 updates are not accepted due to unconfirmed pending transactions on the AC1,AC2,or AC3 for this FCC ID	GCA372	Industry/DOE
FCC As of Date	Must be a valid date.	Error	The As Of Date must be valid date in YYYY-MM format. [value]	GCA002	Industry/DOE

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
FCC Name	Must not be blank.	Error	FCC Name must be supplied.	GCA003	Industry/DOE
FCC Name	Must not exceed 60 characters in length.	Error	The FCC Name [value] exceeds 60 characters in length.	GCA004	Industry/DOE/DOE Batch
FCC Name	The FCC Name must be unique within a AER Facility.	Warning	The FCC Name [value] is not unique within the AER Facility [value].	GCA005	Industry/DOE
FCC Name	Must not contain double quote marks (").	Error	The FCC Name contains invalid characters.	GCA006	Industry/DOE
AER Facility Identifier	Must be an Alberta GP or GS	Error	The Facility must be a GS or GP. [value]	GCA012	Industry/DOE/DOE Batch
AER Facility Identifier	Must exist in Petrinex	Error	The Facility [value] does not exist in Petrinex.	GCA007	Industry/DOE/DOE Batch
AER Facility Identifier	Cannot have a specialized status of Mainline Straddle, Field Straddle or Fractionation Plant for the effective period of the FCC.	Error	The Facility [value] has an invalid specialized status for the effective period of this FCC. It cannot be used as the AER Facility on a FCC.	GCA008	Industry/DOE
AER Facility Identifier	Must have an operational status of New, Active Suspended or Retired for the entire effective date range of the FCC.(Not applicable for AC1Setup)	Error	The Facility [value] has an invalid operational status for the effective period of this FCC. It cannot be used as the AER Facility on a FCC.	GCA009	Industry/DOE
AER Facility Identifier	Must have an operational status of New, Active Suspended or Retired as of the FCC Start Date(Applicable for AC1Setup)	Error	The Facility [value] must have an operational status of New, Active Suspended or Retired as of the FCC Start Date.	GCA128	Industry/DOE

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
AER Facility Identifier	Cannot be changed after setup.	Error	The AER Facility ID cannot be changed.	GCA010	Industry/DOE
FCC Start Date	On Setup: Year of FCC Start Date must be > DOE Statute Barred Year	Warning	The FCC Start Date [value] cannot affect a DOE Statute Barred Year [value]	GCA018	Industry
FCC Start Date	Year of FCC Start Date must be > DOE Statute Barred Year. (Delete Only)	Warning	The FCC Start Date [value] cannot affect a DOE Statute Barred Year [value]	GCA018	Industry
FCC Start Date	Must be <= current calendar date.	Error	The FCC Start Date [value] must be less than or equal to the current calendar year month.	GCA014	Industry/DOE/DOE Batch
FCC Start Date	Cannot be changed after setup. (Batch only error – not editable online after setup)	Error	The FCC Start Date [value] cannot be changed.	GCA015	Industry/DOE
FCC Start Date	Must be a valid Year-Month date.	Error	The FCC Start Date [value] is not recognized as a valid date.	GCA013	Industry/DOE/DOE Batch
FCC End Date	If a pending termination or un-termination exists, no further changes are allowed until the record has been confirmed by the DOE.	Error	Changes are not allowed when a pending terminate/un-terminate exists.	GCA100	Industry, DOE
FCC End Date	Must be >= the FCC Start Date	Error	The FCC End Date [value] must be greater than or equal to the FCC Start Date.	GCA016	Industry/DOE/DOE Batch
FCC End Date	On setup this field must be blank.	Error	You cannot terminate an FCC during setup. You must leave the FCC End Date blank.	GCA017	Industry
FCC End Date	If an FCC End Date is supplied (Termination of the FCC), all other changes will be ignored.	Warning	By supplying an FCC End Date, you have chosen to terminate this FCC. All other	GCA019	Industry/DOE

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
			changes on this submission will be ignored.		
FCC End Date	Must be a valid Year-Month date. (Or be blank for EOT)	Error	The FCC End Date [value] is not recognized as a valid date.	GCA020	Industry/DOE/DOE Batch
FCC End Date	If supplied (Termination), Year of FCC End Date must be > DOE Statute Barred Year.	Warning	The FCC End Date [value] cannot affect a DOE Statute Barred Year [value]	GCA021	Industry
FCC End Date	During an FCC Un-Termination Year of original FCC Termination must be > the DOE Statute Barred Year.	Warning	You cannot un-terminate an FCC that has a termination date within a DOE Statute Barred Year [value].	GCA022	Industry
FCC End Date	If this FCC is listed as a Previous FCC on other FCC(s), then this FCC's End Date must be < the Start Date on the FCC(s) where this FCC is listed.	Error	This FCC is listed as a Previous FCC on FCC ID [value] which has a start date of [value]. This FCC must be terminated before that date.	GCA023	Industry/DOE
FCC End Date	Cannot be equal to the current Operator Start Date, unless the Current Operator Start Date month is January. FCC Termination cannot affect a previous operator.	Error	FCC Terminations cannot affect a previous FCC operator. The FCC End Date [value] cannot be equal to the current Operator Start Date [value], unless the current Operator Start Date month is January.	GCA024	Industry/DOE
FCC End Date	If the FCC has been terminated the FCC End Date cannot be changed.	Error	An FCC end date [value] exists it cannot be changed.	GCA117	Industry/DOE/DOE Batch
FCC End Date	If the FCC is terminated, the terminated date should not past the end of the current year.	Error	AC1 future termination dates are not accepted if it is past the end of the current year	GCA373	Industry/DOE

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
FCC End Date	If the FCC is terminated, the termination date should be within the effective period of that FCC operator.	Error	Termination date must be within the period that you are operator of the FCC.	GCA108	Industry
FCC ID	On Change and Terminate: Must exist in Petrinex. (Where DOE Batch is the edit audience this only applies to submissions where DOEApproval = Approved or where the submission is a DOEUPDATE. See IS Manage Facility Cost Centre P560 for description of DOEApproval and DOEUPDATE. Note: Deleting a FCC, physically deletes it from Petrinex after it has been approved by the DOE. It cannot be displayed.	Error	[Value] is not a valid FCC ID.	GCA001	Industry/DOE/DOE Batch
FCC ID	On Setup: Must be blank.	Error	FCC ID Must be blank.	GCA011	Industry
FCC ID	The FCC cannot be edited if a pending FCC operator change exists.	Error	There is a pending FCC operatorship change, no other changes are allowed.	GCA119	Industry/DOE/DOE Batch
FCC ID	FCC must not have any AC2-AC4 forms filed for this FCC for any time period. (Delete Only)	Error	The FCC [value] could not be deleted when [value] forms exist.	GCA110	Industry/DOE/DOE Batch
FCC ID	FCC must not have been referenced on other FCC's Previous FCC section. (Delete Only)	Error	Cannot delete FCC [value] because has been named as a Previous FCC on AC1 [value].	GCA111	Industry/DOE/DOE Batch
FCC ID	FCC must not have been listed as a transfer on an AC2 of other FCC's. (Delete Only)	Error	Cannot delete FCC [value] because it has been listed as a transfer on an AC2 of AC1's [value].	GCA112	Industry/DOE/DOE Batch

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
FCC ID	FCCs can only be deleted on-line	Error	FCCs can only be deleted on-line.	GCA113	Industry
FCC ID	Must be a valid, confirmed FCC in Petrinex.	Error	[value] is not valid FCC ID.	GCA001	Industry/DOE
FCC ID	If there are any unconfirmed pending transactions (AC1, AC2 or AC3), update is not allowed.	Error	AC1 updates are not accepted due to unconfirmed pending transactions on the AC1,AC2,or AC3 for this FCC ID	GCA372	Industry/DOE
FCC As of Date	Must be a valid date.	Error	The As Of Date must be valid date in YYYY-MM format. [value]	GCA002	Industry/DOE
FCC Name	Must not be blank.	Error	FCC Name must be supplied.	GCA003	Industry/DOE
FCC Name	Must not exceed 60 characters in length.	Error	The FCC Name [value] exceeds 60 characters in length.	GCA004	Industry/DOE/DOE Batch
FCC Name	The FCC Name must be unique within a AER Facility.	Warning	The FCC Name [value] is not unique within the AER Facility [value].	GCA005	Industry/DOE
FCC Name	Must not contain double quote marks (").	Error	The FCC Name contains invalid characters.	GCA006	Industry/DOE
AER Facility Identifier	Must be an Alberta GP or GS	Error	The Facility must be a GS or GP. [value]	GCA012	Industry/DOE/DOE Batch
AER Facility Identifier	Must exist in Petrinex	Error	The Facility [value] does not exist in Petrinex.	GCA007	Industry/DOE/DOE Batch

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
AER Facility Identifier	Cannot have a specialized status of Mainline Straddle, Field Straddle or Fractionation Plant for the effective period of the FCC.	Error	The Facility [value] has an invalid specialized status for the effective period of this FCC. It cannot be used as the AER Facility on a FCC.	GCA008	Industry/DOE
AER Facility Identifier	Must have an operational status of New, Active Suspended or Retired for the entire effective date range of the FCC.(Not applicable for AC1Setup)	Error	The Facility [value] has an invalid operational status for the effective period of this FCC. It cannot be used as the AER Facility on a FCC.	GCA009	Industry/DOE
AER Facility Identifier	Must have an operational status of New, Active Suspended or Retired as of the FCC Start Date(Applicable for AC1Setup)	Error	The Facility [value] must have an operational status of New, Active Suspended or Retired as of the FCC Start Date.	GCA128	Industry/DOE
AER Facility Identifier	Cannot be changed after setup.	Error	The AER Facility ID cannot be changed.	GCA010	Industry/DOE
FCC Start Date	On Setup: Year of FCC Start Date must be > DOE Statute Barred Year	Warning	The FCC Start Date [value] cannot affect a DOE Statute Barred Year [value]	GCA018	Industry
FCC Start Date	Year of FCC Start Date must be > DOE Statute Barred Year. (Delete Only)	Warning	The FCC Start Date [value] cannot affect a DOE Statute Barred Year [value]	GCA018	Industry
FCC Start Date	Must be <= current calendar date.	Error	The FCC Start Date [value] must be less than or equal to the current calendar year month.	GCA014	Industry/DOE/DOE Batch
FCC Start Date	Cannot be changed after setup. (Batch only error – not editable online after setup)	Error	The FCC Start Date [value] cannot be changed.	GCA015	Industry/DOE

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
FCC Start Date	Must be a valid Year-Month date.	Error	The FCC Start Date [value] is not recognized as a valid date.	GCA013	Industry/DOE/DOE Batch
FCC End Date	If a pending termination or un-termination exists, no further changes are allowed until the record has been confirmed by the DOE.	Error	Changes are not allowed when a pending terminate/un-terminate exists.	GCA100	Industry, DOE
FCC End Date	Must be >= the FCC Start Date	Error	The FCC End Date [value] must be greater than or equal to the FCC Start Date.	GCA016	Industry/DOE/DOE Batch
FCC End Date	On setup this field must be blank.	Error	You cannot terminate an FCC during setup. You must leave the FCC End Date blank.	GCA017	Industry
FCC End Date	If an FCC End Date is supplied (Termination of the FCC), all other changes will be ignored.	Warning	By supplying an FCC End Date, you have chosen to terminate this FCC. All other changes on this submission will be ignored.	GCA019	Industry/DOE
FCC End Date	Must be a valid Year-Month date. (Or be blank for EOT)	Error	The FCC End Date [value] is not recognized as a valid date.	GCA020	Industry/DOE/DOE Batch
FCC End Date	If supplied (Termination), Year of FCC End Date must be > DOE Statute Barred Year.	Warning	The FCC End Date [value] cannot affect a DOE Statute Barred Year [value]	GCA021	Industry
FCC End Date	During an FCC Un-Termination Year of original FCC Termination must be > the DOE Statute Barred Year.	Warning	You cannot un-terminate an FCC that has a termination date within a DOE Statute Barred Year [value].	GCA022	Industry
FCC End Date	If this FCC is listed as a Previous FCC on other FCC(s), then this FCC's End Date must	Error	This FCC is listed as a Previous FCC on FCC ID [value] which has a start date of	GCA023	Industry/DOE

PRIMARY DATA ELEMENT (BUSINESS NAME)	VALIDATION RULE	RESULT	MESSAGE	MESSAGE NUMBER	EDIT AUDIENCE.
	be < the Start Date on the FCC(s) where this FCC is listed.		[value]. This FCC must be terminated before that date.		
FCC End Date	Cannot be equal to the current Operator Start Date, unless the Current Operator Start Date month is January. FCC Termination cannot affect a previous operator.	Error	FCC Terminations cannot affect a previous FCC operator. The FCC End Date [value] cannot be equal to the current Operator Start Date [value], unless the current Operator Start Date month is January.	GCA024	Industry/DOE
FCC End Date	If the FCC has been terminated the FCC End Date cannot be changed.	Error	An FCC end date [value] exists it cannot be changed.	GCA117	Industry/DOE/DOE Batch
FCC End Date	If the FCC is terminated, the terminated date should not past the end of the current year.	Error	AC1 future termination dates are not accepted if it is past the end of the current year	GCA373	Industry/DOE
FCC End Date	If the FCC is terminated, the termination date should be within the effective period of that FCC operator.	Error	Termination date must be within the period that you are operator of the FCC.	GCA108	Industry

2. FCC OPERATOR CHANGE SUBMISSIONS EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

Business Name	Validation Rule	Result Type	Message	Error Message Number
Current Operator ID	The current FCC operator ID must be entered	ERROR	The current operator of the FCC must be entered.	GCA200
Current Operator ID	Must be a BA ID that exists within Petrinex.	ERROR	The FCC operator [value] is not a valid BA ID.	GCA201
Current Operator ID	The current operator must be the operator of the specified FCCs as of the Start Date being specified.	ERROR	The current operator must be the operator of the specified FCCs as of the Start Date [value] specified.	GCA202
Current Operator ID	The current FCC operator ID may not have BA Corporate status = "Continued Out," "Dissolution/Dissolved," or "Struck" less than the Start Date.	ERROR	The specified current operator is invalid because [operator ID] is [corporate status] on [start date].	GCA203
Current Operator ID	The current operator ID must exist as of the start date.	ERROR	The current operator does not exist as of the Start Date [START DATE] specified.	GCA217
Current Operator ID	DOE is only allowed to change operators if the operator does not have Petrinex access.	ERROR	DOE can only change operators that do not have Petrinex access.	GCA222
Current Operator ID	The submitter must be the current operator or DOE	ERROR	You can not submit the other BA's data.	GCA223
New Operator ID	The new FCC operator ID must be entered	ERROR	The new operator of the FCC must be entered.	GCA204
New Operator ID	Must be a BA ID that exists within Petrinex.	ERROR	The FCC operator [value] is not a valid BA ID.	GCA205
New Operator ID	The new operator ID must exist as of the start date		The new operator does not exist as of the Start Date [START DATE] specified.	GCA218

Business Name	Validation Rule	Result Type	Message	Error Message Number
New Operator ID BA Corporate Status	The new FCC operator ID may not have BA Corporate status = "Continued Out," "Dissolution/Dissolved," or "Struck" as of the Start Date being specified.	ERROR	The specified new operator is invalid because [operator ID] is [corporate status] on [start date].	GCA206
New Operator ID	Warn if BA status is Struck, Continued Out, Dissolution or Dissolved at any point after the FCC Operator Start Date.	Warning	The BA [value] has a status of [value] after the FCC Operator Start Date.	GCA207
New Operator ID	The current and new operator cannot be the same.	ERROR	The new operator can not be the same as the current operator.	GCA221
New Operator ID BA Corporate Status	Must not be Amalgamated or Continued Out Amalgamated where the BA Amalgamated established date less than or equal to the FCC Operator Start Date.	ERROR	This BA [value] has been Amalgamated, please use the new BA ID [value].	GCA208
(FCC Operator) Start Date	The start date of the FCC operator change request is required.	ERROR	The start date of the requested operator change was not entered.	GCA209
(FCC Operator) Start Date	Must be a valid production Year-Month in the form YYYY-MM (or deemed acceptable as per Petrinex standards).	ERROR	The date value entered [value] for field [value] is an invalid date	GCA210
(FCC Operator) Start Date	Must be >= the FCC Start Date of the specified FCCs and <= the current calendar month	ERROR	The FCC Operator Start Date [value] must be between the FCC Start Date [value] and the current calendar month [value].	GCA211
FCC ID	At least one FCC ID must be specified	ERROR	The FCC identifier must be entered.	GCA212
FCC ID	The FCC ID must exist in Petrinex	ERROR	The specified FCC ID does not exist: [FCC ID]	GCA213
FCC Operator Change	FCCs may not have any pending operator change requests.	ERROR	There is already a pending operator change requested to BA [BA ID] for the specified FCC. The pending request must be declined before another operator change can be requested. [FCC ID – FCC name].	GCA214
Date Prepared	Required on FCC Operator Change request	ERROR	Date Prepared must be supplied.	GCA215
Date Prepared	Must be a valid date, less than or equal to the Received Date and greater than or equal to the current version on file.	ERROR	Date Prepared must be a valid date, less than or equal to the Received Date and greater than or equal to the current version on file.	GCA216

3. AC2 SUBMISSIONS EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

Note: The Edit Audience column denotes the party for whom the edit applies. Edit Audience can be one of:

- Industry: Industry batch and online users.
- DOE: Department of Energy Online users (i.e.: DOE Audit)
- DOE Batch: Server to Server process used for confirmation of Industry submissions and DOE INITIATED BATCH submissions
- As this submission is a full-form replacement, all edits, subject to the above Edit Audience rules should be performed on all submissions.

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
AC2 Key						
Change ID	ADD DELETE	Change ID must exist in the Pending Table vprCapitalCostAllowance (P513)	Error	Change ID [value] does not exist	GCA102	DOE Batch
FCC Identifier	ADD DELETE	Must exist in Petrinex.	Error	Invalid FCC ID[value]	GCA300	Industry, DOE, DOE Batch
FCC Identifier	ADD	Must be effective for some part of the production year	Error	Invalid FCC ID [value] must be effective for some part of Production Year [value].	GCA301	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
FCC Identifier	ADD	Must have a FCC status of ACTIVE for the production year specified on the AC2.	Error	Invalid FCC ID [value] is not Active for Production Year [value]	GCA302	Industry, DOE
FCC Identifier	ADD	Must have RUL record for the production year	Error	Invalid Submitting FCC ID [value] does not have RUL record for production year [value]	GCA303	Industry, DOE
FCC Identifier	ADD DELETE	If FCC ID is pending for deletion, AC2 cannot be submitted	Error	You cannot submit [AC2] for FCC [value] and production year [value] as AC1 pending deletion exists.	GCA227	Industry, DOE, DOE Batch
FCC Identifier	ADD DELETE	Only one outstanding transaction waiting for DOE approval/rejection will be allowed for a FCC and production year, no other changes will be allowed.	Error	An unconfirmed or a pending delete exists for this [FCC] [value], no other changes will be permitted.	GCA374	Industry, DOE
FCC Identifier	ADD	Submissions identical to the existing "confirmed" record will be rejected by Petrinex.	Error	The submission is identical to the existing confirmed record FCC [value] for [year], and has been rejected because no changes were detected.	GCA375	Industry, DOE
Submitting BA ID	ADD DELETE	Must be the end of the year operator of the FCC for the production year entered. If FCC is terminated within the year, then must be the operator as of the termination date	Error	Access denied. You are not identified as the end of year operator of FCC ID [value].	AC2037	Industry
Production Year	ADD DELETE	Must be greater than or equal to the Earliest Petrinex	Error	Reported Production Year [value] is prior to Petrinex	GCA305	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		Allowable Costs Production Year.		implementation of Allowable Costs.		
Production Year	ADD DELETE	If calendar date is < March 1 then the production year must be < current calendar year.	Error	Invalid Production Year [value] must be less than to the current calendar year [value].	GCA306	Industry, DOE
Production Year	ADD DELETE	If calendar date is >= March 1 then the production year must be <= current calendar year.	Error	Invalid Production Year [value] must be less than or equal to the current calendar year [value].	GCA307	Industry, DOE
Production Year	ADD DELETE	If calendar date is >= March 1 and <= June 30 and the production year is = to current calendar year.	Warning	Production Year [value] is a future dated year. The current annual production year is [value].	GCA308	Industry, DOE
Production Year	ADD DELETE	Must be > DOE Statute Barred Year	Warning	Production Year [value] is a DOE statute barred year.	GCA309	Industry, DOE
Production Year	ADD DELETE	Must be supplied or entered.	Error	Invalid Production Year [value].	GCA310	Industry, DOE, DOE Batch
Production Year	ADD DELETE	Must be valid date format (YYYY)	Error	Invalid Production year [value], format should be YYYY.	GCA311	Industry, DOE, DOE Batch
Production Year	ADD DELETE	Must be > 2008	Error	Production Year [value] must be greater than 2008.	GCA317	Industry, DOE, DOE Batch
FCC Identifier/ Production Year	DELETE	AC2 must exist for the FCC Identifier / Production Year	Error	AC2 was not found for FCC ID [value], Production Year [value].	AC2039	Industry, DOE, DOE Batch
FCC Identifier/ Production Year	DELETE	Cannot have unconfirmed data	Error	Unconfirmed data [value] cannot be deleted from Petrinex.	GCA996	Industry, DOE
Capital Cost Allowance Calculation						

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Cumulative Allowable Capital (Opening)	ADD	If new FCC (ie. PRODUCTION YEAR is the earliest prod year AC2 filed for the FCC) and PRODUCTION YEAR >= 2004 and FCC does not have previous FCCs listed on the AC1. Should not be supplied.	Warning	Invalid Cumulative Allowable Capital (Opening) value [value]. For new FCCs where the Production Year is greater than or equal to 2004 and no Previous FCCs are listed on the AC1 this is a calculated only field. You should not supply a value.	AC2001	Industry, DOE
Cumulative Allowable Capital (Opening)	ADD	If new FCC (ie. PRODUCTION YEAR is the earliest prod year AC2 filed for the FCC) and PRODUCTION YEAR >= 2004 and FCC has Previous FCCs, Must be >= 0	Error	Invalid Cumulative Allowable Capital (Opening) [value] must be greater than or equal to Allowable Capital Cost (Opening)	AC2004	Industry, DOE
Cumulative Allowable Capital (Opening)	ADD	If new FCC (ie. PRODUCTION YEAR is the earliest prod year AC2 filed for the FCC) and PRODUCTION YEAR >= 2004 and FCC has Previous FCCs, Must be >= ALLOWABLE CAPITAL COST (Opening)	Error	Invalid Cumulative Allowable Capital (Opening) [value]. When Previous FCCs are listed on the AC1 this value must be greater than or equal to Allowable Capital Cost (Opening)[value]	AC2005	Industry, DOE
Allowable Capital Cost (Opening)	ADD	If new FCC (ie. PRODUCTION YEAR is the earliest prod year AC2 filed for the FCC) and PRODUCTION YEAR >= 2004 and FCC does not have	Warning	Invalid Cumulative Allowable Capital (Opening) value [value]. For new FCCs where the Production Year is greater than or equal to 2004 and no Previous FCCs are listed on the AC1 this is a calculated	AC2006	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		previous FCCs listed on the AC1. Should not be supplied.		only field. You should not supply a value.		
Allowable Capital Cost (Opening)	ADD	If new FCC (ie. PRODUCTION YEAR is the earliest prod year AC2 filed for the FCC) and PRODUCTION YEAR >= 2004 and FCC has Previous FCCs, Must be >= 0	Error	Invalid Allowable Capital Cost (Opening) [value]. When Previous FCCs are listed on the AC1 this value must be greater than or equal to 0	AC2009	Industry, DOE
Allowable Capital Cost (Opening)	ADD	If new FCC (ie. PRODUCTION YEAR is the earliest prod year AC2 filed for the FCC) and PRODUCTION YEAR >= 2004 and FCC has Previous FCCs, Must be <= Cumulative Allowable Capital (Opening)	Error	Invalid Allowable Capital Cost (Opening) [value]. When Previous FCCs are listed on the AC1 this value must be less than or equal to Cumulative Allowable Capital (Opening)	AC2010	Industry, DOE
Capital Additions/Adjustments	ADD	If new FCC (ie. PRODUCTION YEAR is the earliest prod year AC2 filed for the FCC) and PRODUCTION YEAR >= 2004 and FCC does not have previous FCCs listed on the AC1, Should not be supplied.	Warning	Invalid Capital Additions/Adjustments value [value]. For new FCCs where the Production Year is greater than or equal to 2004 and no Previous FCCs are listed on the AC1 this is a calculated only field. You should not supply a value.	AC2011	Industry, DOE
Land	ADD	Must be greater than or equal to 0	Error	Invalid Allowable Capital Cost Land [value] must be greater than or equal to zero	AC2012	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Land	ADD	Must not contain more than 13 digits	Error	The value of the field [Land] must not contain more than [13] digits.	GCA371	Industry, DOE, DOE Batch
Average Spare Parts Inventory	ADD	Must be greater than or equal to 0	Error	Invalid Allowable Capital Cost Average Spare Parts Inventory [value] must be greater than or equal to zero	AC2013	Industry, DOE, DOE Batch
Average Spare Parts Inventory	ADD	Must not contain more than 13 digits	Error	The value of the field [Average Spare Parts] must not contain more than [13] digits.	GCA371	Industry, DOE, DOE Batch
Retirements	ADD DELETE	The retirement amount reported in Capital Additions cannot exceed the sum of Allowable Capital Cost (Opening) plus Capital Additions.	Error	The retirement amount reported [value] in Capital Additions can not exceed the sum of Allowable Capital Cost (Opening) + Capital Additions. The retirement amount is changed to [value].	AC2038	Industry, DOE, DOE Batch
Capital Additions / Adjustments						
FCC Identifier	ADD	If Production Year is greater than or equal to 2004 → If Type is Transfer – must be an existing FCC	Error	Invalid Capital Adjustments FCC ID [value]	AC2015	Industry, DOE, DOE Batch
FCC Identifier	ADD	If Production Year is greater than or equal to 2004 and Type is Transfer → If the Amount (\$) > 0, the FCC Id must be effective for some part of the production year or the previous production year.	Error	Invalid Capital Adjustment FCC ID [value] is not effective for some part of current production year [value] or previous production year [value].	AC2016	Industry, DOE
FCC Identifier	ADD	If Production Year is greater than or equal to 2004 and Type is Transfer → If the	Error	Invalid Capital Adjustment FCC ID [value] is not effective for some part of current	AC2017	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		Amount (\$) < 0, the FCC Id must be effective for some part of the production year or the following production year.		production year [value] or following production year [value].		
FCC Identifier	ADD	If Production Year is greater than or equal to 2004 → If Type is not Transfer – must be blank	Error	Invalid Capital Adjustment FCC ID [value] FCC Type is not TRANSFERS, must be blank.	AC2018	Industry, DOE, DOE Batch
Type	ADD	Must be entered if corresponding Amount (\$) exists	Error	Invalid Type. Cannot be blank if corresponding Capital Additions/Adjustments Amount exists.	AC2019	Industry, DOE, DOE Batch
Type	ADD	If Type is Start-up Cost, the FCC Start Date must be within the production year entered	Error	Invalid Type [value] only valid for FCC Start Up Year	AC2020	Industry, DOE
Type	ADD	If Production Year is greater than or equal to 2004 → Must be a valid Type of: Capital Addition, Disposal, Retirement, Start-up Cost or Transfer.	Error	Invalid Type [value] for production year [value]. Must be Capital ADDITIONS, DISPOSITIONS, RETIREMENTS, STARTUP or TRANSFERS.	AC2022	Industry, DOE, DOE Batch
Capital Additions / Adjustments Amount	ADD	Must exist if corresponding Type exists	Warning	Invalid Capital Additions/Adjustments amount. Cannot be blank if corresponding Capital Additions/Adjustments Type exists. Row will be ignored and not forwarded to the DOE	AC2023	Industry, DOE, DOE Batch
Capital Additions/	ADD	Amount >= 0	Error	Invalid Capital Additions/Adjustment amount	AC2074	Industry, DOE, DOE Batch, Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Adjustments Amount				[[0]] must be greater than or equal to zero.		
Capital Additions/Adjustments Amount	ADD	FCCID cannot transfer an amount to itself.	Error	Invalid Capital Addition/Adjustment FCC ID [[0]] cannot be the same as submitting FCC ID [[0]] for type TRANSFER.	AC2075	Industry, DOE, DOE Batch, Batch
Capital Additions / Adjustments Amount	ADD	Must not contain more than 13 digits	Error	The value of the field [Capital Additions Amount] must not contain more than [13] digits.	GCA371	Industry, DOE, DOE Batch
Capital Cost Allowance Allocations to Working Interest Owners						
BA ID (CCA Allocations)	ADD	Must exist in Petrinex	Error	Invalid CCA Allocation BA ID [value]	AC2024	Industry, DOE, DOE Batch
BA ID (CCA Allocations)	ADD	Must be effective and active for some part of the production year "Active" includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non Registered, Start, as well as Amalgamated, Continued Out/Amalgamated where the Amalgamation Established Date >= Jan 1 of the Production Year	Error	Invalid CCA Allocation BA ID [value] must be effective for some part of production year [value]	AC2025	Industry, DOE
BA ID (CCA Allocations)	ADD	Ensure no duplicate BA ID (CCA Allocations) is supplied.	Error	Duplicate CCA Allocation BA ID [value]	AC2026	Industry, DOE, DOE Batch
Capital Cost Allowance Distribution % to	ADD	Must exist if corresponding BA ID (CCA Allocations) exists	Warning	Invalid CCA Distribution Percentage [value]. Cannot be blank if corresponding Capital Cost Allowance	AC2036	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Working Interest Owners				Allocation BA ID exists. Row will be ignored and not forwarded to the DOE		
Capital Cost Allowance Distribution % to Working Interest Owners	ADD	If entered (corresponding BA ID (CCA Allocations) exists), must be $\Rightarrow 0$ and ≤ 100	Error	Invalid CCA Distribution % [value] must be ≥ 0 and ≤ 100	AC2027	Industry, DOE, DOE Batch
Total Capital Cost Allowance Allocated to Working Interest Owners	ADD	The total of all the Capital Cost Allowance Distribution % to Working Interest Owners and Custom Processing Adjustment Factor (CPAF) for Capital Costs must equal 100%	Error	Sum of CCA Distribution % and CPAF [value] must equal 100.	AC2028	Industry, DOE
Capital Cost Allowance Allocations to Other Delivery Facilities (V4)						
This section is only available for Production Year of 2009 or later.						
Facility ID (CCA Allocations)	ADD	Must exist in Petrinex	Error	Invalid Allocations Facility ID [value]	AC2040	Industry, DOE, DOE BATCH
Facility ID (CCA Allocations)	ADD	Must be AB facility that was effective for some part of the production year entered	Error	Invalid Allocations Facility ID [value], is not effective for some part of production year [value].	AC2041	Industry, DOE
Facility ID (CCA Allocations)	ADD	Facility type must be GP or GS	Error	Invalid Allocations facility type [value], must be GP or GS	AC2042	Industry, DOE
Facility ID (CCA Allocations)	ADD	If allocations Facility ID is different than AER Facility ID tied to the FCC, then Volumetric DISP record must exist from the AER facility (tied to the FCC) to the allocated facility. This is for	Warning	Allocations Facility ID [value] may not be valid because the AER Facility ID [value] tied to the FCC does not have a volumetric DISP to the allocated facility. DOE will do	AC2073	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		any given production year and for product 'gas'.		final validation to determine if allocation is valid.		
Facility ID (CCA Allocations)	ADD	Must exist if the corresponding Capital Cost Allowance Distribution % to Other Delivery Facilities exists	Error	Invalid Allocations Facility ID [value]	AC2043	Industry, DOE, DOE BATCH
Facility ID (CCA Allocations)	ADD	Ensure no duplicate Facility ID (CCA Allocations)	Error	Duplicate Allocations Facility ID [value]	AC2044	Industry, DOE, DOE BATCH
Capital Cost Allowance Distribution % to Other Delivery Facilities	ADD	If Production year is < 2009 must not be supplied.	Error	You may not supply CCA Distribution Percentage to Other Delivery Facilities for Production Years prior to 2009.	AC2045	Industry, DOE, DOE BATCH
Capital Cost Allowance Distribution % to Other Delivery Facilities	ADD	Percentage must be between 0 and 100	Error	Invalid CCA Distribution Percentage to Other Delivery Facilities [value] must be greater than or equal to zero and less than or equal to 100.	AC2046	Industry, DOE, DOE BATCH
Capital Cost Allowance Distribution % to Other Delivery Facilities	ADD	Must exist if corresponding Facility ID (CCA Allocations) exists	Error	Invalid CCA Distribution Percentage to Other Delivery Facilities [value] must supply an amount.	AC2047	Industry, DOE, DOE BATCH
Capital Cost Allowance Distribution % to Other Delivery Facilities	ADD	Sum of Capital Cost Allowance Distribution % to Other Delivery Facilities must equal 0% or 100%.	Error	Sum of Capital Cost Allowance Distribution Percentage to Other Delivery Facilities must equal 0 or 100.	AC2048	Industry, DOE, DOE BATCH
Custom Processing Adjustment Factor Calculation for Capital Costs						

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Unit (CPAF for Capital Costs)	ADD	If CPAF TOTAL CUSTOM VOLUMES FOR CAPITAL COSTS > 0 and CPAF TOTAL FCC THROUGHPUT FOR CAPITAL COSTS >0 and CUSTOM PROCESSING ADJUSTMENT FACTOR FOR CAPITAL COSTS > 0,must be one of M3, 103M3, or Tonnes	Error	Invalid CPAF Unit [value]	AC2029	Industry, DOE, DOE Batch
BA ID (CPAF for Capital Costs)	ADD	Must exist in Petrinex	Error	Invalid CPAF BA ID [value]	AC2030	Industry, DOE, DOE Batch
BA ID (CPAF for Capital Costs)	ADD	Must be effective and active for some part of the production year "Active" includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non Registered, Start, as well as Amalgamated, Continued Out/Amalgamated where the Amalgamation Established Date >= Jan 1 of the Production Year	Error	Invalid CPAF BA ID [value] must be effective for some part of production year [value]	AC2031	Industry, DOE
BA ID (CPAF for Capital Costs)	ADD	Ensure no duplicate BA ID (CPAF for Capital Costs Calculation) is supplied.	Error	Duplicate CPAF BA ID [value]	AC2032	Industry, DOE, DOE Batch
Custom Volumes for Capital Costs	ADD	Must exist if corresponding BA ID (CPAF for Capital Costs Calculation) exists	Warning	Invalid CPAF Custom Volume [value]. Cannot be blank if corresponding CPAF BAID exists. Row will be ignored	AC2033	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
				and not forwarded to the DOE		
Custom Volumes for Capital Costs	ADD	Must be greater than or equal to zero	Error	Invalid CPAF Custom Volume [value] must be greater than or equal to zero	AC2034	Industry, DOE, DOE Batch
Total Facility Cost Centre Throughput for Capital Costs	ADD	If Total Custom Volumes for Capital Costs greater than zero, then Total Facility Cost Centre Throughput for Capital Costs must be greater than or equal to Total Custom Volumes for Capital Costs.	Error	Total Facility Cost Centre Throughput for Capital Costs must be greater than or equal to Total Custom Volumes for Capital Costs.	AC2070	Industry, DOE, DOE Batch
Total Facility Cost Centre Throughput for Capital Costs	ADD	Total Facility Cost Centre Throughput for Capital Costs must match the Total Facility Cost Centre Throughput for Operating Costs if both are completed.	Error	Total Facility Cost Centre Throughput for Capital Costs must be equal to Total Facility Cost Centre Throughput for Operating Costs if both are reported.	AC2049	Industry, DOE, DOE Batch
Allowable Operating Costs (V4)						
This section is only available for Production Year of 2009 or later.						
Standard Allowable Operating Costs	ADD	Standard Allowable Operating costs field is applicable to Production years >= 2009	Error	Invalid Allowable Operating Costs -Standard Allowable Operating Costs is applicable to the production year 2009 and later.	AC2050	Industry, DOE, DOE BATCH
Standard Allowable Operating Costs	ADD	Standard Allowable Operating costs fields must be greater than or equal to 0	Error	Invalid Allowable Operating Costs – Standard Allowable Operating Costs [value] must be greater than or equal to zero.	AC2051	Industry, DOE, DOE BATCH

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Standard Allowable Operating Costs	ADD	Must not contain more than 13 digits	Error	The value of the field [Standard Allowable Operating Costs] must not contain more than [13] digits.	GCA371	Industry, DOE, DOE Batch
Co-Generation Utilities	ADD	Standard Allowable Operating costs field is applicable to Production years >=2009	Error	Invalid Allowable Operating Costs – Co-Generation Utilities is applicable to the production year 2009 and later.	AC2052	Industry, DOE, DOE BATCH
Co-Generation Utilities	ADD	Co-Generation Utilities costs fields must be greater than or equal to 0	Error	Invalid Allowable Operating Costs – Co-Generation Utilities [value] must be greater than or equal to zero.	AC2053	Industry, DOE, DOE BATCH
Co-Generation Utilities	ADD	Must not contain more than 13 digits	Error	The value of the field [Co-Generation Utilities] must not contain more than [13] digits.	GCA371	Industry, DOE, DOE Batch
Other Allowables (Description)	ADD	If Other Allowables (Actual Operating Costs) is entered, must enter a description	Error	Invalid description [value] MUST provide a description for Other Allowables.	AC2054	Industry, DOE
Other Allowables (Actual Operating Costs)	ADD	If Other Allowables (Description) is entered, must enter an Other Allowables (Actual Operating Costs) amount	Error	Invalid Other Allowables amount [value] – it cannot be blank if description entered.	AC2055	Industry, DOE, DOE BATCH
Other Allowables (Actual Operating Costs)	ADD	If negative	Warning	Other Allowables - Negative amounts may be subject to audit review.	AC2056	Industry
Other Allowables (Actual	ADD	Must not contain more than 13 digits	Error	The value of the field [Other Allowables Actual Operating Cost] must not contain more than [13] digits.	GCA371	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Operating Costs)						
Greenhouse Gas Emission Compliance Costs	ADD	Greenhouse Gas Emission Compliance Costs field is applicable to Production years >= 2009	Error	Invalid Greenhouse Gas Emission Compliance Costs – Greenhouse Gas Emission Compliance Cost is applicable to the production year 2009 and later.	AC2057	Industry, DOE, DOE BATCH
Greenhouse Gas Emission Compliance Costs	ADD	Greenhouse Gas Emission Compliance Costs must be less than, or greater than or equal to 0.	Error	Invalid Greenhouse Gas Emission Compliance Costs [value] must be less than or greater than or equal to 0.	AC2058	Industry, DOE, DOE BATCH
Greenhouse Gas Emission Compliance Costs	ADD	Must not contain more than 13 digits	Error	The value of the field [Greenhouse Gas Emission Compliance Cost] must not contain more than [13] digits.	GCA371	Industry, DOE, DOE Batch
Operating Cost Allowance Allocation to Working Interest Owners (V4)						
This section is only available for Production Year of 2009 or later.						
BA ID (OCA Allocations)	ADD	Must exist in Petrinex	Error	Invalid OCA Allocations BA ID [value].	AC2060	Industry, DOE, DOE Batch
BA ID (OCA Allocations)	ADD	Must be effective and active for some part of the production year “Active” includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non Registered, Start, as well as Amalgamated, Continued Out/Amalgamated where the Amalgamation Established	Error	Invalid OCA Allocations BA ID [value] must be effective for some part of production year [value].	AC2061	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		Date >= Jan 1 of the Production Year				
BA ID (OCA Allocations)	ADD	Ensure no duplicate BA ID (OCA Allocations) is supplied.	Error	Duplicate OCA Allocations BA ID [value].	AC2062	Industry, DOE, DOE Batch
Operating Cost Allowance Distribution % to Working Interest Owners	ADD	Must exist if corresponding BA ID (OCA Allocations) exists	Warning	Invalid OCA Distribution Percentage to Working Interest Owners [value]. Cannot be blank if corresponding OCA BA ID exists. Row will be ignored and not forwarded to the DOE.	AC2063	Industry, DOE, DOE Batch
Operating Cost Allowance Distribution % to Working Interest Owners	ADD	If entered (corresponding BA ID (OCA Allocations) exists), must be => 0 and <= 100	Error	Invalid OCA Distribution Percentage to Working Interest Owners [value] must be >= 0 and <= 100.	AC2064	Industry, DOE, DOE Batch
Total Operating Cost Allowance Allocated to Working Interest Owners	ADD	The total of all the Operating Cost Allowance Distribution % to Working Interest Owners and Custom Processing Adjustment Factor (CPAF) for Operating Costs must equal 100%	Error	Sum of OCA Distribution Percentage to Working Interest Owners and CPAF for Operating Costs [value] must equal 100.	AC2065	Industry, DOE
Operating Cost Allowance Allocation to Other Delivery Facilities (V4)						
This section is only available for Production Year of 2009 or later.						
Facility ID (OCA Allocations)	ADD	Must exist in Petrinex	Error	Invalid Allocations Facility ID [value].	AC2040	Industry, DOE, DOE BATCH
Facility ID (OCA Allocations)	ADD	Must be AB facility that was effective for some part of the production year entered	Error	Invalid Allocations Facility ID [value], is not effective for some part of production year (value).	AC2041	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Facility ID (OCA Allocations)	ADD	Facility type must be GP or GS	Error	Invalid allocation facility type [value], must be GP or GS.	AC2042	Industry, DOE
Facility ID (OCA Allocations)	ADD	If allocation Facility ID is different than AER Facility ID tied to the FCC, then Volumetric DISP record must exist from the AER facility (tied to the FCC) to the allocated facility. This is for any given production year and for product 'gas'.	Warning	Allocation Facility ID [value] may not be valid because the AER Facility ID [value] tied to the FCC does not have a volumetric DISP to the allocated facility. DOE will do final validation to determine if allocation is valid.	AC2073	Industry, DOE
Facility ID (OCA Allocations)	ADD	Must exist if the corresponding Operating Cost Allowance Distribution % to Other Delivery Facilities exists	Error	Invalid Allocations Facility ID[value]	AC2043	Industry, DOE, DOE BATCH
Facility ID (OCA Allocations)	ADD	Ensure no duplicate Facility ID (OCA Allocations)	Error	Duplicate Allocations Facility ID [value].	AC2044	Industry, DOE, DOE BATCH
Operating Cost Allowance Distribution % to Other Delivery Facilities	ADD	If Production year is < 2009 must not be supplied.	Error	You may not supply Operating Cost Allowance Allocations for Production Years prior to 2009.	AC2066	Industry, DOE, DOE BATCH
Operating Cost Allowance Distribution % to Other Delivery Facilities	ADD	Percentage must be between 0 and 100	Error	Invalid Operating Cost Distribution Percentage to Other Delivery Facilities [value] must be greater than or equal to zero and less than or equal to 100.	AC2067	Industry, DOE, DOE BATCH
Operating Cost Allowance Distribution % to	ADD	Must exist if corresponding Facility ID (OCA Allocations) exists	Error	Invalid Operating Cost Distribution Percentage to Other Delivery Facilities	AC2068	Industry, DOE, DOE BATCH

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Other Delivery Facilities				[value] must supply an amount.		
Operating Cost Allowance Distribution % to Other Delivery Facilities	ADD	Sum of Operating Cost Allowance Distribution % to Other Delivery Facilities must equal 0% or 100%	Error	Sum of Operating Cost Allowance Distribution Percentage to Other Delivery Facilities must equal 0 or 100.	AC2069	Industry, DOE, DOE BATCH
Custom Processing Adjustment Factor Calculation for Operating Costs (V4)						
This section is only available for Production Year of 2009 or later.						
Unit (CPAF for Operating Costs)	ADD	If CPAF TOTAL CUSTOM VOLUMES FOR OPERATING COSTS > 0 and TOTAL FCC THROUGHPUT FOR OPERATING COSTS >0 and CUSTOM PROCESSING ADJUSTMENT FACTOR FOR OPERATING COSTS > 0,must be one of M3, 103M3, or Tonnes	Error	Invalid CPAF Unit [value].	AC2029	Industry, DOE, DOE Batch
BA ID (CPAF for Operating Costs)	ADD	Must exist in Petrinex	Error	Invalid CPAF BA ID [value]	AC2030	Industry, DOE, DOE Batch
BA ID (CPAF for Operating Costs)	ADD	Must be effective and active for some part of the production year "Active" includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non Registered, Start, as well as Amalgamated, Continued Out/Amalgamated where the	Error	Invalid CPAF BA ID [value] must be effective for some part of production year [value]	AC2031	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		Amalgamation Established Date >= Jan 1 of the Production Year				
BA ID (CPAF for Operating Costs)	ADD	Ensure no duplicate BA ID (CPAF for Operating Costs Calculation) is supplied.	Error	Duplicate CPAF BA ID [value]	AC2032	Industry, DOE, DOE Batch
Custom Volumes for Operating Costs	ADD	Must exist if corresponding BA ID (CPAF for Operating Costs Calculation) exists	Warning	Invalid CPAF Custom Volume [value]. Cannot be blank if corresponding CPAF BAID exists. Row will be ignored and not forwarded to the DOE	AC2033	Industry, DOE, DOE Batch
Custom Volumes for Operating Costs	ADD	Must be greater than or equal to zero	Error	Invalid CPAF Custom Volume [value] must be greater than or equal to zero	AC2034	Industry, DOE, DOE Batch
Total Facility Cost Centre Throughput for Operating Costs	ADD	If Total Custom Volumes for Operating Costs greater than zero, then Total Facility Cost Centre Throughput for Operating Costs must be greater than or equal to Total Custom Volumes for Operating Costs.	Error	Total Facility Cost Centre Throughput for Operating Costs must be greater than or equal to Total Custom Volumes for Operating Costs.	AC2071	Industry, DOE, DOE Batch
Total Facility Cost Centre Throughput for Operating Costs	ADD	Total Facility Cost Centre Throughput for Operating Costs must match the Total Facility Cost Centre Throughput for Capital Costs if both are completed.	Error	Total Facility Cost Centre Throughput for Operating Costs must be equal to Total Facility Cost Centre Throughput for Capital Costs if both are reported.	AC2072	Industry, DOE, DOE Batch
Contact Information						
Contact Phone	ADD DELETE	Must be supplied. Industry may submit via batch or on-line the phone number	Error	Invalid Contact phone number [value].	GCA360	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		with or without formatting characters. Petrinex will remove the following characters; space, left round bracket, right round bracket, dash, period, pound sign (e.g. () - . #) to make the field numeric and then apply the above formatting for display. Any other non-numeric characters will cause an error.				
Contact First Name	ADD DELETE	Must be supplied	Error	Invalid Contact First Name [value].	GCA361	Industry, DOE
Contact Last Name	ADD DELETE	Must be supplied	Error	Invalid Contact Last Name [value].	GCA362	Industry, DOE
Date Prepared	ADD DELETE	Must be valid date (YYYY-MM-DD)	Error	Invalid Date Prepared [value] – must be in format (YYYY-MM-DD).	GCA363	Industry, DOE, DOE Batch
Date Prepared	ADD DELETE	Must be greater than or equal to the current version on file	Error	Date Prepared must be greater than or equal to the current version on file.	GCA364	Industry, DOE
Date Prepared	ADD DELETE	Must be less than or equal to Date Received	Error	Invalid Date Prepared [value] must be less than or equal to the Date Received	GCA368	Industry, DOE
DOE Calculated Fields						
All calculated fields	Add	Must be numeric	Error	The value of the field [value] must be numeric.	GCA312	DOE Batch

4. AC3 SUBMISSIONS EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

Note: The Edit Audience column denotes the party for whom the edit applies. Edit Audience can be one of:

- Industry: Industry batch and online users.
- DOE: Department of Energy Online users (ie: DOE Audit)
- DOE Batch: Server to Server process used for confirmation of Industry submissions and DOE INITIATED BATCH submissions
- As this submission is a full-form replacement, all edits, subject to the above Edit Audience rules should be performed on all submissions.

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Identification						
FCC Identifier	ADD DELETE	Must exist in Petrinex	Error	Invalid FCC ID [value].	GCA300	Industry, DOE, DOE Batch
FCC Identifier	ADD	Must be effective for some part of the production year	Error	Invalid FCC ID [value] must be effective for some part of Production Year [value].	GCA301	Industry, DOE
FCC Identifier	ADD	Must have a FCC status of ACTIVE for the production year specified	Error	FCC ID [value] is not ACTIVE for Production Year [value].	GCA302	Industry, DOE
FCC Identifier	ADD DELETE	Only one outstanding transaction waiting for DOE approval/rejection	Error	An unconfirmed or a pending delete exists for this [FCC]	GCA374	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		will be allowed for a FCC and production year, no other changes will be allowed.		[value], no other changes will be permitted.		
From BA ID	ADD DELETE	Must exist in Petrinex	Error	Invalid BA ID [value]	AC3001	Industry, DOE, DOE Batch
From BA ID	ADD	Must be effective and active for some part of the production year "Active" includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non Registered, Start, as well as Amalgamated, Continued Out/Amalgamated where the Amalgamation Established Date >= Jan 1 of the Production Year	Error	Invalid from BA ID [value], must be effective for some part of the production year [value].	AC3002	Industry, DOE
From BA ID	ADD DELETE	If BA has access to Petrinex.	Warning	BA [value] has Petrinex access	AC3003	DOE
From BA ID	ADD DELETE	From BA ID does not have to appear in AC2	Warning	From BA ID [value] is not currently appearing in AC2	AC3023	Industry, DOE, DOE Batch
Production Year	ADD DELETE	Must be greater than or equal to the Earliest Petrinex Allowable Costs Production Year.	Error	Reported Production Year [value] is prior to Petrinex implementation of Allowable Costs.	GCA305	Industry, DOE
Production Year	ADD DELETE	If calendar date is < March 1 then the production year must be < current calendar year.	Error	Invalid Production Year [value] must be less than the current calendar year [value]	GCA306	Industry, DOE
Production Year	ADD DELETE	If calendar date is >= March 1 then the production year must be <= current calendar year.	Error	Invalid Production Year [value] must be less than or equal to the current calendar year [value]	GCA307	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Production Year	ADD DELETE	If calendar date is >= March 1 and <= June 30 and the production year is = to current calendar year.	Warning	Production Year [value] is a future dated year. The current annual production year is [value].	GCA308	Industry, DOE
Production Year	ADD DELETE	Must be > DOE Statute Barred Year	Warning	Production Year [value] is a DOE statute barred year.	GCA309	Industry, DOE
Production Year	ADD DELETE	Must be valid date format (YYYY)	Error	Invalid Production Year [value].	GCA310	Industry, DOE, DOE Batch
Production Year	ADD DELETE	Must be > 2008	Error	Production Year [value] must be greater than 2008.	GCA317	Industry, DOE, DOE Batch
FCC Identifier / From BA ID / Production Year	DELETE	AC3 must exist for the FCC Identifier / From BA ID / Production Year	Error	AC3 was not found for FCC ID [value], from BA ID [value], Production Year [value].	AC3021	Industry, DOE, DOE Batch
Production Year	ADD DELETE	Must use Revision 002 > 2008	Error	[AC3] Revision [001] is not valid for year 2009 and forward, use Revision [002].	GCA991	Industry, DOE, DOE Batch
FCC Identifier / From BA ID / Production Year	DELETE	Cannot have unconfirmed data	Error	Unconfirmed data [value] cannot be deleted from Petrinex.	GCA996	Industry, DOE
Capital Cost Allowance Reallocations (V1) (V2)						
Section is applicable to production years 2008 or earlier						
To BA ID (CCA Reallocations)	ADD	Must exist in Petrinex	Line Reject	Invalid CCA Reallocation BA ID [value]	AC3004	Industry, DOE, DOE Batch
To BA ID (CCA Reallocations)	ADD	Must be effective and active for some part of the production year "Active" includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non Registered, Start, as well as Amalgamated, Continued	Line Reject	Invalid CCA Reallocation BA ID [value] must be effective for some part of the production year [value].	AC3005	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		Out/Amalgamated where the Amalgamation Established Date >= Jan 1 of the Production Year				
To BA ID (CCA Reallocations)	ADD	Must be supplied if corresponding Percent of Original Allocation (CCA Reallocations) is supplied	Line Reject	Invalid CCA Reallocation BA ID [value].	AC3006	Industry, DOE, DOE Batch
To BA ID (CCA Reallocations)	ADD	Ensure no duplicate To BA ID (CCA Reallocations) is supplied.	Error	Duplicate CCA Reallocation BA ID [value]	AC3007	Industry, DOE
Percentage of Original Allocation (CCA Reallocations)	ADD	Must be supplied if corresponding To BA ID (CCA Reallocations) is there	Line Reject	Invalid CCA Reallocation Percent of Original Allocation [value]	AC3008	Industry, DOE, DOE Batch
Percentage of Original Allocation (CCA Reallocations)	ADD	Must be >= 0 and <= 100	Line Reject	Invalid CCA Reallocation Percentage of Original Allocation [value] must be greater than or equal to 0 and less than or equal to 100.	AC3009	Industry, DOE, DOE Batch
Percentage of Original Allocation (CCA Reallocations)	ADD	Sum of Percentage of Original Allocation (CCA Reallocations) must be <= 100	Error	Sum of CCA Reallocation Percentage of Original Allocation must be less than or equal to 100.	AC3010	Industry, DOE, DOE Batch
Custom Processing Volume Reallocations (V2)						
Section is applicable to production years 2004 to 2008 inclusive						
To BA ID (Custom Volumes)	ADD	Must exist in Petrinex	Line Reject	Invalid Custom Volume BA ID [value]	AC3011	Industry, DOE, DOE Batch
To BA ID (Custom Volumes)	ADD	Must be effective and active for some part of the production year "Active" includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non	Line Reject	Invalid Custom Volume BA ID [value] must be effective for some part of production year [value].	AC3012	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		Registered, Start, as well as Amalgamated, Continued Out/Amalgamated where the Amalgamation Established Date >= Jan 1 of the Production Year				
To BA ID (Custom Volumes)	ADD	Must be supplied if corresponding Percent of Original Allocation is supplied	Line Reject	Invalid Custom Volume BA ID [value]	AC3013	Industry, DOE, DOE Batch
To BA ID (Custom Volumes)	ADD	Cannot be supplied if Production Year < 2004	Line Reject	Invalid Custom Volume BA ID [value] – Custom Processing Volume Reallocation is not applicable prior to 2004.	AC3014	Industry, DOE, DOE Batch
To BA ID (Custom Volumes)	ADD	Ensure no duplicate To BA ID (Custom Volumes)	Error	Duplicate Custom Volume BA ID [value]	AC3015	Industry, DOE
Percentage of Original Allocation (Custom Volumes)	ADD	Must be >= 0 and <= 100	Line Reject	Invalid Custom Volume Percentage of Original Allocation [value] must be greater than or equal to 0 and less than or equal to 100.	AC3016	Industry, DOE, DOE Batch
Percentage of Original Allocation (Custom Volumes)	ADD	Must be supplied if corresponding To BA ID (Custom Volumes) is there	Line Reject	Invalid Custom Volume Percentage of Original Allocation [value]	AC3017	Industry, DOE, DOE Batch
Percentage of Original Allocation (Custom Volumes)	ADD	Cannot be supplied if Production Year < 2004	Line Reject	Invalid Custom Volume Percentage of Original Allocation [value] - Custom Processing Volume Reallocation is not applicable prior to 2004.	AC3018	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Percentage of Original Allocation (Custom Volumes)	ADD	Sum of Percentage of Original Allocation (Custom Volumes) must be <= 100	Error	Sum of Custom Volume Percentage of Original Allocation [value] must be less than or equal to 100.	AC3019	Industry, DOE, DOE Batch
Capital Cost Allowance Reallocations / Custom Processing Volume Reallocations	ADD	Must be at least one valid Capital Cost Allowance Reallocation or Custom Processing Volume Reallocation	Error	Invalid submission must be at least one valid reallocation	AC3020	Industry, DOE, DOE Batch
Capital Cost Allowance Reallocations (V3)						
Section is applicable to production years 2009 or later						
From Facility ID (CCA Reallocations)	ADD	From Facility ID does not have to appear in AC2	Warning	CCA Reallocation From Facility ID [value] is not currently appearing in AC2	AC3024	Industry, DOE, DOE Batch
From Facility ID (CCA Reallocations)	ADD	Must exist in Petrinex	Line Reject	Invalid CCA Reallocation From Facility ID [value]	AC3025	Industry, DOE, DOE BATCH
From Facility ID (CCA Reallocations)	ADD	Must be AB facility that was effective for some part of the production year entered	Line Reject	Invalid CCA Reallocation From Facility ID [value], is not effective for some part of production year [value].	AC3026	Industry, DOE
From Facility ID (CCA Reallocations)	ADD	Facility type must be GP or GS	Error	Invalid CCA Reallocation facility type [value], must be GP or GS	AC3027	Industry, DOE
From Facility ID (CCA Reallocations)	ADD	Must be supplied if corresponding Percent of Capital Cost Allowance Reallocation (CCA Reallocation) is supplied	Line Reject	Invalid CCA Reallocation From Facility ID [value]	AC3028	Industry, DOE, DOE BATCH

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
To Facility ID (CCA Reallocations)	ADD	Must exist in Petrinex	Line Reject	Invalid CCA Reallocation To Facility ID [value]	AC3030	Industry, DOE, DOE BATCH
To Facility ID (CCA Reallocations)	ADD	Must be AB facility that was effective for some part of the production year entered	Line Reject	Invalid CCA Reallocation To Facility ID [value], is not effective for some part of production year [value].	AC3031	Industry, DOE
To Facility ID (CCA Reallocations)	ADD	Facility type must be GP or GS	Error	Invalid CCA Reallocation facility type [value], must be GP or GS	AC3032	Industry, DOE
To Facility ID (CCA Reallocations)	ADD	Must be supplied if corresponding Percent of Capital Cost Allowance Reallocation (CCA Reallocation) is supplied	Line Reject	Invalid CCA Reallocation To Facility ID [value]	AC3033	Industry, DOE, DOE BATCH
To Facility ID (CCA Reallocations)	ADD	If reallocations To Facility ID is different than the From Facility ID, then Volumetric DISP record must exist from the From Facility ID to the reallocated facility. This is for any given production year and for product 'gas'.	Warning	Reallocations To Facility ID [value] may not be valid because the From Facility ID [value] does not have a volumetric DISP to the reallocated facility. DOE will do final validation to determine if reallocation is valid.	AC3057	Industry, DOE
To BA ID (CCA Reallocations)	ADD	Must exist in Petrinex	Line Reject	Invalid CCA Reallocation BA ID [value]	AC3004	Industry, DOE, DOE Batch
To BA ID (CCA Reallocations)	ADD	Must be effective and active for some part of the production year "Active" includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non Registered, Start, as well as Amalgamated, Continued Out/Amalgamated where the	Line Reject	Invalid CCA Reallocation BA ID [value] must be effective for some part of the production year [value].	AC3005	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
		Amalgamation Established Date >= Jan 1 of the Production Year				
To BA ID (CCA Reallocations)	ADD	Must be supplied if corresponding Percent of Capital Cost Allowance Reallocation (CCA Reallocation) is supplied	Line Reject	Invalid CCA Reallocation BA ID [value].	AC3006	Industry, DOE, DOE Batch
From Facility ID, To Facility ID, To BA ID (CCA Reallocations)	ADD	Ensure no duplicate From Facility ID, To Facility ID, To BA ID row (CCA Reallocations)	Error	Duplicate CCA Reallocation From Facility ID [value], To Facility ID [value], To BA ID [value]	AC3035	Industry, DOE, DOE BATCH
Percentage of Capital Cost Allowance Reallocations (CCA Reallocations)	ADD	Must be supplied if corresponding From AER Facility ID/To AER Facility ID/To BA ID (CCA Reallocations) are there	Line Reject	Invalid CCA Reallocation Percentage [value]	AC3054	Industry, DOE, DOE Batch
Percentage of Capital Cost Allowance Reallocations (CCA Reallocations)	ADD	Must be >= 0 and <= 100	Line Reject	Invalid CCA Reallocation Percentage [value] must be greater than or equal to 0 and less than or equal to 100.	AC3055	Industry, DOE, DOE Batch
Percentage of Capital Cost Allowance Reallocations (CCA Reallocations)	ADD	Sum of Percentage of Original Allocation (CCA Reallocations) per From AER Facility must be <= 100	Error	Sum of CCA Reallocation Percentage per From Facility must be less than or equal to 100.	AC3056	Industry, DOE, DOE Batch
Operating Cost Allowance Reallocations (V3)						
Section is applicable to production years 2009 and later						

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
From Facility ID (OCA Reallocations)	ADD	From Facility ID does not have to appear in AC2	Warning	OCA Reallocation From Facility ID [value] is not currently appearing in AC2	AC3036	Industry, DOE, DOE Batch
From Facility ID (OCA Reallocations)	ADD	Must exist in Petrinex	Line Reject	Invalid OCA Reallocation From Facility ID [value]	AC3037	Industry, DOE, DOE BATCH
From Facility ID (OCA Reallocations)	ADD	Must be AB facility that was effective for some part of the production year entered	Line Reject	Invalid OCA Reallocation From Facility ID [value], is not effective for some part of production year [value].	AC3038	Industry, DOE
From Facility ID (OCA Reallocations)	ADD	Facility type must be GP or GS	Error	Invalid OCA Reallocation facility type [value], must be GP or GS	AC3039	Industry, DOE
From Facility ID (OCA Reallocations)	ADD	Must be supplied if corresponding Percent of Operating Cost Allowance Reallocation (OCA Reallocation) is supplied	Line Reject	Invalid OCA Reallocation From Facility ID [value]	AC3040	Industry, DOE, DOE BATCH
To Facility ID (OCA Reallocations)	ADD	Must exist in Petrinex	Line Reject	Invalid OCA Reallocation To Facility ID [value]	AC3042	Industry, DOE, DOE BATCH
To Facility ID (OCA Reallocations)	ADD	Must be AB facility that was effective for some part of the production year entered	Line Reject	Invalid OCA Reallocation To Facility ID [value], is not effective for some part of production year [value].	AC3043	Industry, DOE
To Facility ID (OCA Reallocations)	ADD	Facility type must be GP or GS	Error	Invalid OCA Reallocation facility type [value], must be GP or GS	AC3044	Industry, DOE
To Facility ID (OCA Reallocations)	ADD	Must be supplied if corresponding Percent of Operating Cost Allowance Reallocation (OCA Reallocation) is supplied	Line Reject	Invalid OCA Reallocation To Facility ID [value]	AC3045	Industry, DOE, DOE BATCH

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
To Facility ID (OCA Reallocations)	ADD	If reallocations To Facility ID is different than the From Facility ID, then Volumetric DISP record must exist from the From Facility ID to the reallocated facility. This is for any given production year and for product 'gas'.	Warning	Reallocations To Facility ID [value] may not be valid because the From Facility ID [value] does not have a volumetric DISP to the reallocated facility. DOE will do final validation to determine if reallocation is valid.	AC3057	Industry, DOE
To BA ID (OCA Reallocations)	ADD	Must exist in Petrinex	Line Reject	Invalid OCA Reallocation BA ID [value]	AC3047	Industry, DOE, DOE Batch
To BA ID (OCA Reallocations)	ADD	Must be effective and active for some part of the production year "Active" includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non Registered, Start, as well as Amalgamated, Continued Out/Amalgamated where the Amalgamation Established Date >= Jan 1 of the Production Year	Line Reject	Invalid OCA Reallocation BA ID [value] must be effective for some part of the production year [value].	AC3048	Industry, DOE
To BA ID (OCA Reallocations)	ADD	Must be supplied if corresponding Percent of Operating Cost Allowance Reallocation (OCA Reallocation) is supplied	Line Reject	Invalid OCA Reallocation BA ID [value].	AC3049	Industry, DOE, DOE Batch
From Facility ID, To Facility ID, To BA ID (OCA Reallocations)	ADD	Ensure no duplicate From Facility ID, To Facility ID, To BA ID row (OCA Reallocations)	Error	Duplicate OCA Reallocation From Facility ID [value], To Facility ID [value], To BA ID [value]	AC3050	Industry, DOE, DOE BATCH
Percentage of Operating Cost Allowance Reallocations	ADD	Must be supplied if corresponding From AER Facility ID/To AER Facility ID/To BA ID (OCA Reallocations) are there	Line Reject	Invalid OCA Reallocation Percentage [value]	AC3051	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
(OCA Reallocations)						
Percentage of Operating Cost Allowance Reallocations (OCA Reallocations)	ADD	Must be ≥ 0 and ≤ 100	Line Reject	Invalid OCA Reallocation Percentage [value] must be greater than or equal to 0 and less than or equal to 100.	AC3052	Industry, DOE, DOE Batch
Percentage of Operating Cost Allowance Reallocations (OCA Reallocations)	ADD	Sum of Percentage of Original Allocation (OCA Reallocations) per From AER facility must be ≤ 100	Error	Sum of OCA Reallocation Percentage by From Facility must be less than or equal to 100.	AC3053	Industry, DOE, DOE Batch
Contact Phone	ADD DELETE	Must be supplied. Industry may submit via batch or on-line the phone number with or without formatting characters. Petrinex will remove the following characters; space, left round bracket, right round bracket, dash, period, pound sign (e.g. () - . #) to make the field numeric and then apply the above formatting for display. Any other non-numeric characters will cause an error.	Error	Invalid Contact phone number [value].	GCA360	Industry, DOE
Contact First Name	ADD DELETE	Must be supplied	Error	Invalid Contact First Name [value].	GCA361	Industry, DOE
Contact Last Name	ADD DELETE	Must be supplied	Error	Invalid Contact Last Name (value).	GCA362	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Date Prepared	ADD DELETE	Must be a valid date (YYYY-MM-DD)	Error	Invalid Date Prepared [value] – must be in the format (YYYY-MM-DD).	GCA363	Industry, DOE
Date Prepared		Must be greater than or equal to the current version on file		Date Prepared must be greater than or equal to the current version on file.	GCA364	Industry, DOE
Date Prepared	ADD DELETE	Must be less than or equal to Date Received	Error	Invalid Date Prepared must be less than or equal to Date Received.	GCA365	Industry, DOE
Date Received by DOE	ADD DELETE	Must be a valid date (YYYY-MM-DD)	Error	Invalid Date Received [by DOE [value]] – must be in format (YYYY-MM-DD)	GCA366	Industry, DOE, DOE Batch
Date Received by DOE	ADD DELETE	Must be less than or equal to current calendar date	Error	Invalid Date Received [by DOE] must be less than or equal to the Current Calendar date.	GCA367	Industry, DOE, DOE Batch

5. AC5 SUBMISSION EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

Note: The Edit Audience column denotes the party for whom the edit applies. Edit Audience can be one of:

- Industry: Industry batch and online users.
- DOE: Department of Energy Online users (i.e.: DOE Audit)
- DOE Batch: Server to Server process used for confirmation of Industry submissions and DOE INITIATED BATCH submissions
- As this submission is a full-form replacement, all edits, subject to the above Edit Audience rules should be performed on all submissions.

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
AC5 Key						
BA ID	ADD DELETE	Must exist in Petrinex	Error	Invalid BA ID (value).	AC5001	Industry, DOE, DOE Batch
BA ID	ADD	Must be effective and active for some part of the production year "Active" includes Petrinex statuses of: Active, Bankruptcy, Liquidation, Receivership, Non Registered, Start, as well as Amalgamated, Continued Out/Amalgamated where the Amalgamation Established Date >= Jan 1 of the Production Year	Error	Invalid BA ID (value) must be effective for some part of production year (value).	AC5002	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
BA ID	ADD DELETE	If BA has access to Petrinex.	Warning	BA [value] has Petrinex access.	AC5027	DOE
BA ID	ADD DELETE	Only one outstanding transaction waiting for DOE approval/rejection will be allowed for a BA and production year, no other changes will be allowed.	Error	An unconfirmed or a pending delete exists for this [BA] [value], no other changes will be permitted.	GCA374	Industry, DOE
Production Year	ADD DELETE	If calendar date is < March 1 then the production year must be < current calendar year.	Error	Invalid Production Year (value) must be less than to the current calendar year (value).	GCA306	Industry
Production Year	ADD DELETE	If calendar date is >= March 1 then the production year must be <= current calendar year.	Error	Invalid Production Year (value) must be less than or equal to the current calendar year (value).	GCA307	Industry
Production Year	ADD DELETE	If calendar date is >= March 1 and <= June 30 and the production year is = to current calendar year.	Warning	Production Year (value) is a future dated year. The current annual production year is (value).	GCA308	Industry
Production Year	ADD DELETE	Must be > DOE Statute Barred Year	Warning	Production Year (value) is a DOE statute barred year.	GCA309	Industry
Production Year	ADD DELETE	Must be valid date format (YYYY)	Error	Invalid Production Year (value), format should be YYYY.	GCA311	Industry, DOE, DOE Batch
Production Year	ADD DELETE	Must be supplied.	Error	Invalid Production Year (value).	GCA310	Industry, DOE, DOE Batch
Production Year	ADD DELETE	Must be greater than or equal to the earliest Petrinex Allowable Costs Production Year	Error	Reported Production Year (Value) is prior to Petrinex	GCA305	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
				implementation of Allowable Costs.		
Production Year	ADD DELETE	Must be > 2008	Error	Production Year [value] must be greater than 2008.	GCA317	Industry, DOE, DOE Batch
BA Id / Production Year	DELETE	AC5 must exist for the BA ID / Production Year	Error	AC5 was not found for BA ID (value), Production Year (value).	AC5003	Industry, DOE, DOE Batch
Production Year	ADD DELETE	Must use Revision 002 > 2008	Error	[AC5] Revision [001] is not valid for year 2009 and forward, use Revision [002].	GCA991	Industry, DOE, DOE Batch
BA Id / Production Year	DELETE	Cannot have unconfirmed data	Error	Unconfirmed data [value] cannot be deleted from Petrinex.	GCA996	Industry, DOE
Non-Owner in FCC Tied to AER Facility (V2) (V3)						
All data elements from Non-Owner in FCC Tied to AER Facility	ADD	Production Year must be less than 2009	Error	The data elements from Non-Owner in FCC Tied to AER Facility section are not allowed for Production Year 2009 or greater.	AC5037	Industry, DOE, DOE Batch
Custom Processing Fee Paid (non-owner)	ADD	If entered, must be > 0	Line Reject	Invalid Non-owner Custom Processing Fee Paid (value) must be > 0. (In Batch this is a line reject)	AC5004	Industry, DOE, DOE Batch
Custom Processing Fee Paid (non-owner)	ADD	Must exist if corresponding AER Facility Id (non-owner) exists	Line Reject	Invalid Non-owner Custom Processing Fee Paid (value). (In Batch this is a line reject)	AC5005	Industry, DOE, DOE Batch
Custom Processing Fee	ADD	Must not contain more than 13 digits	Error	The value of the field [Custom Processing Fee	GCA371	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Paid (non-owner)				Paid] must not contain more than [13] digits.		
AER Facility Identifier (non-owner)	ADD	Must not be duplicate of AER Facility Id (non-owner)	Error	Duplicate non-owner AER Facility ID (value) – must not be a duplicate AER Facility ID.	AC5006	Industry, DOE, DOE Batch
AER Facility Identifier (non-owner)	ADD	Must exist in Petrinex	Line Reject	Invalid Non-owner AER Facility ID (value). (In Batch this is a line reject)	AC5007	Industry, DOE, DOE Batch
AER Facility Identifier (non-owner)	ADD	Must be an AB facility ID that was effective for some part of the production year	Line Reject	Invalid Non-owner AER Facility ID (value) must be effective for some part of Production Year (value). (In Batch this is a line reject)	AC5008	Industry, DOE
AER Facility Identifier (non-owner)	ADD	Must be a facility type of GP or GS	Line Reject	Invalid Non-owner AER Facility ID (value), must be Facility type GP or GS. (In Batch this is a line reject)	AC5009	Industry, DOE
AER Facility Identifier (non-owner)	ADD	Must exist if corresponding Custom Processing Fee Paid (non-owner) exists	Line Reject	Invalid Non-owner AER Facility ID (value). (In Batch this is a line reject)	AC5010	Industry, DOE, DOE Batch
Owner in FCC Tied to AER Facility (V2) (V3)						
All data elements from Owner in FCC Tied to AER Facility	ADD	Production Year must be less than 2009	Error	The data elements from Owner in FCC Tied to AER Facility section are not allowed for Production Year 2009 or greater.	AC5038	Industry, DOE, DOE Batch
AER Facility Identifier (owner)	ADD	Must exist in Petrinex	Line Reject	Invalid Owner AER Facility ID (value). (In Batch this is a line reject)	AC5011	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
AER Facility Identifier (owner)	ADD	Must be an AB facility ID that was effective for some part of the production year	Line Reject	Invalid Owner AER Facility ID (value) must be effective for some part of production year (value). (In Batch this is line reject)	AC5012	Industry, DOE
AER Facility Identifier (owner)	ADD	Must be a facility type of GP or GS	Line Reject	Invalid Owner AER Facility ID (value), must be Facility type GP or GS. (In Batch this is a line reject)	AC5013	Industry, DOE
AER Facility Identifier (owner)	ADD	If AER Facility Type is GS and only Paid Processing is checked	Warning	Owner AER Facility type is GS and only Paid Processing has been selected.	AC5014	Industry, DOE
AER Facility Identifier (owner)	ADD	Must exist if corresponding Custom Processing Fee Paid (owner) exists	Line Reject	Invalid Owner AER Facility ID (value). (In Batch this is a line reject)	AC5015	Industry, DOE, DOE Batch
AER Facility Identifier (owner)	ADD	Cannot appear as AER Facility Identifier (owner) as well as AER Facility Identifier (non-owner)	Error	Duplicate AER Facility ID (value).	AC5016	Industry, DOE, DOE Batch
Custom Processing Fee Paid (owner)	ADD	Must be >=0	Line Reject	Invalid Owner Custom Processing Fee Paid (value) must be >= 0. (In Batch this is line reject)	AC5017	Industry, DOE, DOE Batch
Custom Processing Fee Paid (owner)	ADD	Must exist if corresponding AER Facility ID (owner) exists	Line Reject	Invalid Owner Custom Processing Fee Paid (value). (In Batch this is a line reject)	AC5018	Industry, DOE, DOE Batch
Custom Processing Fee Paid (owner)	ADD	Must not contain more than 13 digits	Error	The value of the field [Custom Processing Fee Paid] must not contain more than [13] digits.	GCA371	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Energy Adjusted Gas Equivalent Volumes	ADD	Must exist if corresponding Facility Identifier / Custom Processing Fee Paid / Excess Capacity / Custom Services Paid exists	Line Reject	Invalid Energy Adjusted Gas Equivalent Volumes (value). (In Batch this is a line reject)	AC5019	Industry, DOE, DOE Batch
Energy-Adjusted Gas Equivalent Volume	ADD	Must be > 0 and <= 4,500,000	Line Reject	Invalid Energy-Adjusted Gas Equivalent Volume (value), must be > 0 and <= 4,500,000. (In Batch this is a line reject)	AC5020	Industry, DOE, DOE Batch
Excess Capacity (checkmark)	ADD	Must be checked (Y) or blank	Line Reject	Invalid Excess Capacity (checkmark) (value) must be checked (Y) or blank. (In Batch this is a line reject)	AC5021	Industry, DOE, DOE Batch
Custom Services Paid – Processing	ADD	Checkmark that describe the custom processing services for which the reported fees are paid must be checked (Y) or blank	Line Reject	Invalid Processing Custom Services Paid (checkmark) (value) must (Y) or blank. (In Batch this is a line reject)	AC5022	Industry, DOE, DOE Batch
Custom Services Paid - Gathering	ADD	Checkmark that describe the custom processing services for which the reported fees are paid must be checked (Y) or blank	Line Reject	Invalid Gathering Custom Services Paid (checkmark) (value) must (Y) or blank. (In Batch this is a line reject)	AC5023	Industry, DOE, DOE Batch
Custom Services Paid - Field Compression	ADD	Checkmark(s) that describe the custom processing services for which the reported fees are paid must be checked (Y) or blank	Line Reject	Invalid Field Compression Custom Services Paid (checkmark) must be (Y) or blank. (In Batch this is a line reject)	AC5024	Industry, DOE, DOE Batch
Custom Services Paid	ADD	If no services are checked (all blank), DOE will default submission to all checked (Y)	Warning	You have not checked any Custom Services Paid fields – DOE will	AC5025	Industry, DOE

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
				default to all checked Y upon submission.		
Non-Owner in FCC Tied to AER Facility / Owner in FCC Tied to AER Facility	ADD	Must have at least one valid Non-Owner in FCC Tied to AER Facility or Owner in FCC Tied to AER Facility	Error	Invalid submission must be at least one valid Custom Processing Fee Claim.	AC5026	Industry, DOE, DOE Batch
Custom Processing Fees Paid (V4)						
All data elements from Custom Processing Fees Paid	ADD	Production Year must be equal or greater than 2009	Error	The data elements from Custom Processing Fees Paid section are not allowed for Production Year 2008 or earlier.	AC5039	Industry, DOE, DOE Batch
Custom Processing Fee Paid	ADD	If entered, must be > 0	Line Reject	Invalid Custom Processing Fee Paid (value) must be > 0.	AC5030	Industry, DOE, DOE Batch
Custom Processing Fee Paid	ADD	Must exist if corresponding AER Facility Id exists	Line Reject	Invalid Custom Processing Fee Paid (value). Must exist if corresponding AER Facility Id exists.	AC5031	Industry, DOE, DOE Batch
Custom Processing Fee Paid	ADD	Must not contain more than 13 digits	Error	The value of the field [Custom Processing Fee Paid] must not contain more than [13] digits.	GCA371	Industry, DOE, DOE Batch
AER Facility Identifier	ADD	Must not be duplicate of AER Facility Id	Error	Duplicate AER Facility ID (value) – must not be a duplicate AER Facility ID.	AC5032	Industry, DOE, DOE Batch
AER Facility Identifier	ADD	Must exist in Petrinex	Line Reject	Invalid AER Facility ID (value)	AC5033	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
AER Facility Identifier	ADD	Must be an AB facility ID that was effective for some part of the production year	Line Reject	Invalid AER Facility ID (value) must be effective for some part of Production Year (value).	AC5034	Industry, DOE
AER Facility Identifier	ADD	Must be a facility type of GP or GS	Line Reject	Invalid AER Facility ID (value), must be Facility type GP or GS.	AC5035	Industry, DOE
AER Facility Identifier	ADD	Must exist if corresponding Custom Processing Fee Paid exists	Line Reject	Invalid AER Facility ID (value). Must exist if corresponding Custom Processing Fee Paid exists.	AC5036	Industry, DOE, DOE Batch
Contact Information						
Contact Phone	ADD DELETE	Must be supplied Industry may submit via batch or on-line the phone number with or without formatting characters. Petrinex will remove the following characters; space, left round bracket, right round bracket, dash, period, pound sign (e.g. () - . #) to make the field numeric and then apply the above formatting for display. Any other non-numeric characters will cause an error.	Error	Invalid Contact phone number (value).	GCA360	Industry, DOE
Contact First Name	ADD DELETE	Must be supplied	Error	Invalid Contact First Name (value).	GCA361	Industry, DOE
Contact Last Name	ADD DELETE	Must be supplied	Error	Invalid Contact Last Name (value).	GCA362	Industry, DOE
Date Prepared	ADD DELETE	Must be valid date (YYYY-MM-DD)	Error	Invalid Date Prepared (value) – must be in format (YYYY-MM-DD).	GCA363	Industry, DOE, DOE Batch

Primary Data Element (Business Name)	Verb	Validation Rule	Result	Message	Message Number	Edit Audience
Date Prepared	ADD DELETE	Must be greater than or equal to the current version on file	Error	Invalid Date Prepared must be greater than or equal to the current version on file.	GCA364	Industry, DOE
Date Prepared	ADD DELETE	Must be less than or equal to Date Received	Error	Invalid Date Prepared must be less than or equal to the Date Received.	GCA365	Industry, DOE, DOE Batch
Date Received by DOE	ADD DELETE	Must be a valid date (YYYY-MM-DD)	Error	Invalid Date Prepared (value) – must be in the format (YYYY-MM-DD).	GCA366	Industry, DOE, DOE Batch
Date Received by DOE	ADD DELETE	Must be less than or equal to current calendar date	Error	Invalid Date Received (value) must be less than or equal to the Current Calendar Date.	GCA367	Industry, DOE, DOE Batch