

January 25, 2021

BY ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk Rhode Island Public Utilities Commission 89 Jefferson Boulevard Warwick, RI 02888

RE: Docket 5099 - Proposed FY 2022 Gas Infrastructure, Safety, and Reliability Plan Responses to PUC Data Requests - Set 2

Dear Ms. Massaro:

I have enclosed an electronic version of National Grid's¹ responses to the Public Utilities Commission's Second Set of Data Requests in the above-referenced matter.

Thank you for your attention to this matter. If you have any questions, please contact me at 781-907-2121.

Very truly yours,

Raquel J. Webster

Enclosures

cc: Leo Wold, Esq.

Al Mancini, Division John Bell, Division Rod Walker, Division

¹ The Narragansett Electric Company d/b/a National Grid (National Grid or Company).

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

January 25, 2021

Joanne M. Scanlon

Date

Docket No. 5099- National Grid's FY 2022 Gas Infrastructure, Safety and Reliability (ISR) Plan - Service List 1/7/2021

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The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 In Re: Gas Infrastructure, Safety, and Reliability Plan FY2022 Responses to the Commission's Second Set of Data Requests Issued on January 14, 2021

PUC 2-1

Request:

Referring to Bates pages 17 and 18, please provide a detailed breakdown of the \$4.9 million of expenditures, (a) identifying each component of the estimated expenses, (b) providing a description of each component, (c) providing an estimate of the timeframe when the expenses will be incurred, and (d) identifying the potential solution to which the component of expenses pertain.

Response:

Below is the current FY 2021 Forecast and FY 2022 Proposed Budget for the Aquidneck Island Long Term Capacity Category. The FY 2021 Forecast is updated from the Company's response to Division 2-4. There are four components of the expenditure: (1) New Regulator Station; (2) Main Installation; (3) Portable LNG Equipment & Site Preparation; and (4) LNG Barge Interconnect Land to Marine Main.

FY 2021 Forecast – Old Mill Lane Alternatives:

Scope of Work	November 2020 Forecast, Cost (millions)	January 2021 Forecast, Cost (millions)
Portable LNG Equipment & Site Prep	\$0.50	\$0.12
Main Installation	\$0.60	\$0.10
New Regulator Station	\$0.10	\$0.00
LNG Barge Interconnect Land to Marine Main	\$0.00	\$0.05
Total	\$1.20	\$0.27

FY 2022 Proposed Budget – Old Mill Lane Alternatives:

Scope of Work	Cost (millions)
Portable LNG Equipment & Site Prep	\$3.00
Main Installation	\$1.00
New Regulator Station	\$0.40
LNG Barge Interconnect Land to Marine Main	\$0.50
Total	\$4.90

The change in the FY 2021 Forecast is due to many of engineering activities beginning in November, after the Company received approval from the Navy to access the parcels. The work

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to be performed in FY 2021 and FY 2022 will inform the Company's decision on the final infrastructure solution for Aquidneck Island in FY 2022. If the final infrastructure solution is the Portable LNG at a Navy-owned parcel, the Company will continue necessary work described below to facilitate right of way easements and a lease with the Navy.

Portable LNG Equipment & Site Prep

The Company will be assessing the potential of three available Navy-owned parcels along Defense Highway, also known as Burma Road, for use as a new Portable LNG site. The available Navy parcels are Tank Farm 3, located in Portsmouth, Tank Farm 5 [RM1] and the Former Navy Transfer Station, both located in Middletown. In January 2021, the Company was informed by the Navy that Tank Farm 5 is no longer available for consideration. For FY 2021, the Company started the environmental site assessment and civil site surveys for the Navy-owned parcels. Also, for FY 2021, the Company will draft a portable LNG equipment site layout for the Navy-owned parcels and initiate a process safety review for layout. For FY2022, the Company plans to complete the environmental site assessments and civil site surveys for the Navy-owned parcels, start the preliminary site engineering, develop portable LNG equipment specifications and start the procurement of the portable LNG equipment.

Main Installation

For the new Portable LNG site, the Company proposes a new 99 psig main extension from the existing 99 psig main to connect to the proposed portable LNG injection site on an available Navy-owned parcel. The budget is based on selecting Tank Farm 3 for the new Portable LNG site, which will require approximately four miles of 16-inch steel main. The Company is developing two route alternatives: a first route with a proposed connection to the existing 99 psig main in Defense Highway at the intersection with Chandler Street, Middletown, on the Navy Base; and the second route with a proposed connection to the existing 99 psig main in Maple Avenue at the intersection with Yarnell Avenue, Middletown. For FY 2021, the Company started the civil site surveys. For FY 2022, the Company will complete the civil site surveys and substantially complete the engineering.

New Regulator Station

For the new Portable LNG site, the Company proposes a new regulator that will connect the proposed 99 psig main to the 55 psig system located on Green Lane at the intersection of Defense Highway, Middletown. For FY 2021, the Company does not currently forecast spend for this component. Since this component is less complex, the Company will be focusing on the other components. The environmental assessments and civil site survey that will be completed

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for the Portable LNG Equipment and Main Installation will provide information to determine a location of the proposed new regulator station. For FY 2022, the Company will start the preliminary engineering after the decision is made on the final infrastructure solution.

LNG Barge Interconnect Land to Marine Main

The Company is assessing LNG Barge for off shore storage and vaporization service as an alternate LNG option to portable LNG at a Navy-owned parcel. For this service, the Company proposes a new 99 psig main extension from land to marine to connect to the LNG Barge. For this assessment, the Company will perform a feasibility study and develop a conceptual scope and conceptual estimate for the LNG Barge Interconnect Land to Marine Main. For FY 2021, the Company will start the feasibility study. For FY 2022, the Company plans to complete the feasibility study. If the feasibility study findings support the land to marine main connection, then the Company will proceed with developing the conceptual scope and conceptual estimate.

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PUC 2-2

Request:

Referring to Bates pages 17 and 18,

- (a) In instances where the Company or any of its distribution affiliates have not made a final determination regarding a proposed solution to a service reliability issue, how are the costs of a preliminary study evaluating multiple capital and non-capital options typically treated for financial accounting purposes? Please provide some actual examples.
- (b) Does the Company always treat the costs of preliminary studies of alternatives as a capitalized expense, even when it is not yet determined what, if any, capital project alternative will be selected?
- (c) How does project uncertainty affect the accounting decision before a decision is made to pursue a particular alternative?
- (d) Please provide copies of any accounting guidance documents that are used by the Company for determining whether preliminary expenses relating to a potential capital project are considered O&M or capital expenses.

Response:

(a) The Company typically treats the costs of a preliminary study evaluating multiple capital options as capital, and the cost associated with evaluating non-capital options as operating expense. In the event the Company chooses not to pursue a potential capital project, the costs associated with the preliminary work would then be written off and treated as operating expense.

The Company notes that the Aquidneck Island Long Term Capacity report is the first time this type of comprehensive capacity analysis has been undertaken by the Company. This approach is a new way of evaluating long term capacity needs, considering potential solutions that include both pipes and non-pipes alternatives to meet capacity needs. National Grid has done extensive stakeholder outreach, and based on stakeholder feedback, believes it is critical to maintain solution optionality until the Company and stakeholders can arrive at the mix of solutions that address long term capacity needs, consideration of non-pipes alternatives and stakeholder's overwhelming desire for finding a timely alternative to the recurring temporary LNG plant at Old Mill Lane. To be responsive to finding a timely alternative, it is necessary to progress site review and preliminary studies for both potential LNG projects to guard against the possibility that

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one of the options cannot move forward. Thus, there are no specific examples to provide in response to this question.

- (b) Please see the Company's response to PUC 2-2 (a).
- (c) Please see the Company's response to PUC 2-2 (a).
- (d) Please see PUC 2-2 (d) Attachment.

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Work Order Life Cycle Playbook

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Document History

Version

Version:	4.0
Department:	Plant Accounting Center of Excellence (COE)
Owner:	Daniel DeMauro, Director of Balance Sheet Integrity
Repository Location:	016 FAAD\Plant Accounting Library\Playbooks\Work Order Lifecycle Playbook
Effective Date:	9/30/2013

Revision History

Version	Date	Summary of Changes	Revised By
1.0	5/21/2012	Created	PwC
2.0	9/30/2013	Updated	KPMG
3.0	3/23/2015	Updated	Dan DeMauro
4.0	11/30/2018		Howard Kamesky

Playbook Revision Methodology

At a minimum, this document should be reviewed every other year, and the results of the review should be noted in the Revision History, along with the next expected review date. The document should be reviewed shortly after any major business process or system changes.

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Approvals

Approver	Title	Playbook Role	Applicable Section(s)	Signature	Date
Daniel	Director of	Reviewer	All		
DeMauro	Balance Sheet Integrity				
Matthew Myles	Plant Accounting Manager	Reviewer	All		
Ryan Powell	Analyst	Owner	PowerPlan Close		
Matthew Myles	Plant Accounting Manager	Owner	SAP Journal Entries		
Andrey Androshchuk	Director of Plant Accounting	Owner	All		11/30/2018
Howard Kamensky	Plant Accounting Manager	Owner	All		11/30/2018

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Plant Accounting Work Order Lifecycle Playbook: Overview

Anytime in this document where we have the terms Legacy Keyspan and Legacy National Grid they refer to the below companies:

Legacy Keyspan

- 5120 NG ENG SVCS
- 5220 KEDNY
- 5230 KEDLI
- 5330 Boston
- 5340 Colonial
- 5430 GENCO

Legacy National Grid

- 5110 Servco
- 5210 NIMO
- 5310 MECO
- 5320 Nant
- 5360 NECO
- 5410 NEP
- 5360 NECO

Today we are one company, however for certain processes and procedures they differ and the Legacy processes and procedures remain in place.

Work Order Lifecycle Overview

The purpose of this playbook is to provide policy guidance and process details on the Work Order Life Cycle used by National Grid's Plant Accounting department in monitoring and recording fixed assets within National Grid's financial records. This overview is intended to assist the user in understanding the overall structure of the individual processes that comprises the Work Order Life Cycle.

The Work Order Life Cycle is critical to National Grid because work orders are the method by which capital charges are tracked and eventually recorded as fixed assets. National Grid's fixed asset rate base is key to the rate case cost recovery and ultimately National Grid's financial performance.

Business Group Descriptions

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The primary roles within the Work Order Lifecycle, from a Plant Accounting perspective, are summarized in the table below:

Business Group	Responsibility
Plant Accounting Workorder lifecycle	Responsible for accuracy of the Plant Accounting portions of this document throughout the life of the process.
General Accounting	Responsible for providing input of the General Accounting portions of this document throughout the life of the process.
Controls Excellence Team (CET)	Functional group responsible for ensuring compliance with SOX, Data Security, and Records Management. Responsible for providing input on the Controls portions of this document.
IS Personnel – PowerPlan System Support	Functional group responsible for day-today support of PowerPlan: IBM – Joseph Muti: (607) 744 2605 Ira Pal: (607) 744 2905

Roles and Descriptions

Title	Responsibility
Plant Accounting Clerk	Plant Accounting Clerk provides input to the overall process steps, manually creating WOs, when required and manually updating work orders based upon field personnel authorization The Plant Accounting Clerk is also responsible for processing retirments as neededand remediating WO Unitization Errors and ad hoc reporting and research, when requested.
Plant Accounting Analyst	Plant Accounting Analyst provides input to the overall process and is kept informed throughout the work order creation process as well as posting transactions to the G/L. Responsible for active and non-active WO reviews as well as retirement transactions, Unitization Error handling, when escalated from the Plant Accounting Clerk, regulatory reporting requirements, ad hoc report requests, year-end audit preparation, G/L Account Analysis, G/L Account reconciliations, and research.
Plant Accounting Manager	Plant Accounting Manager is held accountable for accuracy of WO processing & review, error remediation, retirement

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	_		
Title	Responsibility		
	transactions, reconciliations, and requests that need additional		
	information from other responsible departments.		
Director of Plant Accounting	Director of Plant Accounting is consulted for his knowledge to		
	the overall process and kept informed throughout the WO		
	lifecycle process		
IS Personnel	IS Personnel are responsible for the operational management		
	and maintenance of company systems and applicable		
	technologies. They facilitate the processing of certain		
	transactions within company work management (STORMS and		
	MAXIMO) and fixed asset systems (PowerPlan).		
Project Management	Authorized, front office personnel are responsible for		
	identifying the need for a job/project, budgeting, scening		

identifying the need for a job/project, budgeting, scoping,

initiating the work order within the system. Furthermore,

obtaining approvals, gathering all required information, and

front office personnel are responsible for the overall project

management of the job associated with a work order/project.

Scope

The Work Order Lifecycle is divided into the following three stages:

- Work Order Creation
- Work Order Processing and Review
- Asset Retirement

Work Order Creation

Field Operations

Owner

Initiator

Operations

Work Order Creation applies to activities associated with the creation of all National Grid work orders and capital projects. Work Order Creation is the period prior to construction, when engineering preliminary survey and investigation (AKA FERC account183) costs are incurred on Legacy Grid work orders. The concept of preliminary survey and investigation currently does not exist for Legacy Keyspan work orders. However, proper work order governance and project authorizations are followed and obtained, and capital work orders are established after receiving all required approvals for all work orders according to National Grid's Delegation of Authority.

Owner	Project owners are responsible for managing the construction of a capital project and accruing capital and general expenses incurred.
Activity	For capital projects, charges that are incurred during this phase are capitalized to the Preliminary Survey and Investigation FERC G/L account 183 (AKA PS&I) for Legacy Grid work orders. Once the project is deemed

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	feasible and construction costs are capitalized to the Construction Work in Progress, FERC G/L account 107 (AKA: CWIP) the PS&I charges capitalized to the 183 account are required to be transferred to the 107 account.
	For Legacy Keyspan capital projects ,costs are capitalized to the Construction Work in Progress, FERC G/L account 107 (AKA: CWIP).
	AFUDC charges are now capitalized to work orders that have charges in or 107.
Outcome	At the completion of the PowerPlan month-end close, all fixed asset transactions for the period are derived and posted to PowerPlan's Cost Repository and Settled in SAP. The open month in PowerPlan is closed and the new month in PowerPlan is opened.

Work Order Processing and Review

Work Order Processing and Review activities occur during and after construction, when charges are incurred and assets are placed into service.

Construction

Construction is the process during which the capital project is being constructed. This process includes recording all costs valid for capitalization such as overhead expenses, labor, materials, and AFUDC. It also includes the accounting for any possible capital disallowances, impairments, abandonments, or deferral of projects prior to completion.

Owner	Project owners are responsible for managing the construction of a capital project and accruing capital and general expenses as incurred. This includes the process of reviewing work orders that are deemed to be Inactive (12 months without a charge other than AFUDC) or in Violation (18 months without a charge other than AFUDC)	
Activity	Capital costs that are incurred during this phase are capitalized to the Construction Work in Progress FERC G/L account 107 (aka CWIP). Project owners take part in a quarterly review process of their Inactive or Violation work orders.	

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Upon the entry of an In-Service Date into the PowerPlan application the accumulated charges within the FERC G/L account 107 are progressed and transferred by PowerPlan to the Completed Construction Not Classified FERC G/L account 106 (AKA: CCNC)

Once a Completion Date is entered the Late Charge Wait (LCW) period begins. PowerPlan has a default LCW period of 3 months.

Once the LCW has elapsed, PowerPlan will attempt to unitize the work order to Plant in Service FERC G/L account 101 (aka PIS).

Outcome

There is an additional 3 months where the work order is kept open in PowerPlan (originally this additional 3 month LCW period was believed to be in SAP but it is in PowerPlan) to accommodate the posting of any straggling invoices that are received that fall outside of the default LCW's. When this occurs, the PowerPlan application will attempt to perform an auto Minor Add of these charges to Plant In Service FERC account 101.

At the completion of the PowerPlan month-end close, all fixed asset transactions for the period are derived and posted to PowerPlan's Cost Repository and Settled in SAP. The open month in PowerPlan is closed and the new month in PowerPlan is opened.

As part of the quarterly review process, project owners are expected to progress their work orders to one of the following three statuses:

- 1. Closed
- 2. Cancelled
- Exception (Exceptions are maintained manually outside of PowerPlan and SAP by the Plant Accounting staff)

Asset In-Service

Assetsare considered In Service, energized, and placed into service once construction is completed. Once a work order is classified as in-service ongoing accounting activities such as depreciation, impairment assessments, and other types of ongoing adjustments can be made. Entry of an In-Service Date in PowerPlan progresses the work from CWIP to CCNC. Entry of a Completion Date within PowerPlan triggers the Late Charge Wait Period. After the Late Charge Wait Period expires Unitization is attempted, if successful the work order is unitized to Plant in

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Service FERC g/l account 101. If Unitization fails, a Unitization Error is generated and the work order will remain in CCNC until the Unitization Error is successfully resolved and Unitization is attempted again and is successful.

Owner	Project owners are responsible for providing Plant Accounting with the As-Built information, which signifies the asset has been defined and placed in service. This information is required for timely and accurate unitization of an asset (accounting for an asset as Plant in Service).
Activity	During this process, the focus is on accurately placing assets into service. Capitalized construction costs that were processed from CWIP are now sitting in CCNC, awaiting final As-Built information for further processing. AFUDC is shut off once Capitalized construction costs are moved from CWIP to CCNC. Once the Capitalized construction costs are in CCNC, the asset begins depreciating. The quarterly inactive and violation work order review process described in the Construction section above apply during this phase as well.
Outcome	Once PowerPlan receives final As-Built information from a project owner, PowerPlan transfers charges from CCNC into the Plant in Service FERC G/L Account 101 (AKA PIS). The quarterly inactive and violation work order review process described in the Construction section above apply during this phase as well.

Asset Retirement

Asset Retirement occurs at the end of an asset's useful life and/or at the time an asset is disposed. The Retirement process ensures that assets are retired at the appropriate time, no further depreciation is recorded for disposed assets, and any gain or loss on the retirement of the asset is recorded appropriately (e.g., gain or loss on disposal).

Owner	Authorized retirement requestors are responsible for identifying when an asset is no longer used or useful.
Activity	During this process, the focus is on accurately and timely retirement of an asset from service. Additional costs for removal or sale of an asset may be incurred

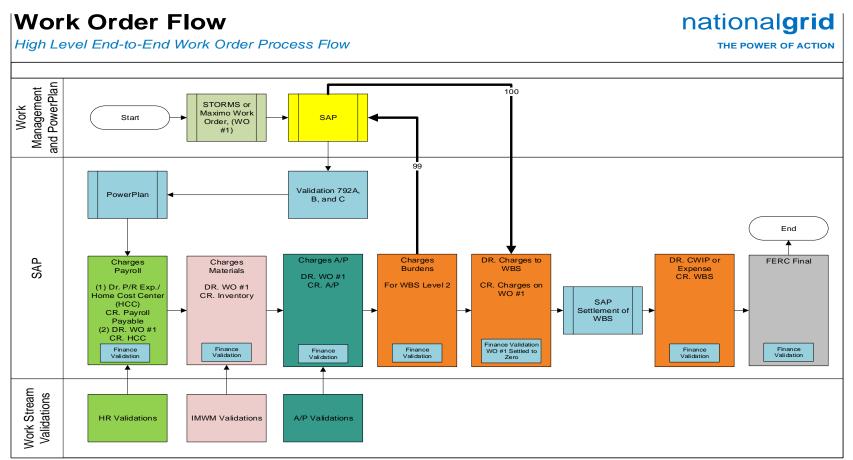
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	within the Retirement Work in Progress account (FERC
	account 108).
Outcome	account 108). The original cost of the asset is transferred from FERC account 101 into the Accumulated Reserve account for depreciation (FERC account 108). In addition, any applicable installation costs and costs of removal/sale are also transferred/charged to RWIP. When a new work order is placed in-service, the presumption is that there is an existing asset that is being replaced and is required to be retired. As part of the work order close out process Retirement Estimates are required to be entered into PowerPlan. Otherwise, there will be a Unitization Error indicating that there
	are no Retirement Unit Estimates present on the work order.

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Work Order Lifecycle Overview



Interface Legend

 $\textbf{792A}-\text{Work order header information for } \underline{\text{PowerPlan}} \text{ initiated work orders, only}$

792B – Status triggers for ALL work orders and header changes for ALL work orders

792C - New estimate lines for ALL work order derivations

99 – Multiple times daily interface between PowerPlan and SAP to pull costs accumulated in SAP into PowerPlan for processing within PowerPlan's Cost Repository

100 – PowerPlan derived costs that have been posted to the Cost Repository are sent back to SAP on a daily basis for settlement in SAP

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Work Order Life Cycle Playbook: Work Order Creation

Work Order Creation Process

The Work Order Creation process starts when a work order is created in either:

- STORMS
- Maximo
- PowerPlan only work orders

Once the work order is set-up in STORMS or Maximo the header information is interfaced over to SAP in order to create the work order in SAP. Once the work order is created in SAP, the work order header information is interfaced over to PowerPlan, the work order is created in PowerPlan. Once the work order is created in SAP the work order is able to accept charges for the work performed. The process for setting up PowerPlan only work orders is the same as described above except the work order is not set-up in either STORMS or Maximo, it is directly set-up by the user in PowerPlan.

An authorized Work Order Initiator creates a work order after funding for the project and the appropriate governing bodies have determined its prioritization. From there, the Work Order Initiator inputs required data into all applicable work management and financial information systems.

The table outlined below (in *Required Fields*) provides the basis for the creation of all work orders. The Plant Accounting Department requires that all WOs be initiated with complete and accurate information through the lifecycle to facilitate accurate and complete data in the financial records of National Grid.

Work Order Capitalization

Capital work orders are dependent upon the installation, construction, replacement, or removal of a unit of property. Proper classification of work orders as capital is necessary to uphold the integrity of National Grids financial results, and compliance with the FERC accounting guidelines. Work order capitalization is discussed within the Scope section of the Work Order Creation section of this playbook.

Preliminary Survey and Investigation Charges

Preliminary Survey and Investigation Charges are activities related to activities such as preliminary surveys, plans, and investigations performed in order to determine the feasibility of the project under contemplation. These charges are accrued in the FERC 183 g/l account until construction begins and the charges need to be manually reclassed to the CWIP 107 FERC g/l account or the project is deemed not feasible and the accrued PS&I costs in the 183 g/l account are

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required to be expensed immediately. Preliminary Survey and Investigation charges are discussed within the Scope section of the Work Order Creation section of this playbook.

Business Group Descriptions

Upon creation of the Work Order, Plant Accounting can begin to facilitate the accurate monitoring, tracking, and management of WOs through their lifecycle and until their ultimate disposition.

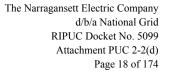
Business Group	Responsibility
Work Order Owner (Initiator)	Responsible for identifying the need for a job, obtaining approvals and creating WO in MAXIMO/STORMS.
Plant Accounting	Responsible for manually creating replacement WOs on a limited basis primarily to transfer charges and process late invovices on closed work orders.

Required Fields

The table below outlines all data elements that are required within a Work Order.

Required Field	Field Definition	Business Implications (Risk if missing or incorrect data is provided)
Company Number or Business Segment	Company Number-represents the existing National Grid business units/legal entities Business Segments —represents a business line of a regulated utility within a legal entity	 Misstated balance sheet accounts Inability to close work orders in a timely manner Inaccuracies in downstream reporting Inability to satisfy regulatory filings Failure to deliver accurate data for rate case filings
Work Order Type	Distinct naming convention that can be used to reference the nature of the project (i.e. Electric Distribution, Gas Distribution, Transmission, Sub-station, etc.)	Inability to close work orders in a timely manner and allocation inaccuracies

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Required Field	Field Definition	Business Implications (Risk if missing or incorrect data is provided)
Department or Cost Center	Represents a responsibility center containing labor costs and other expenses Identifies the specific responsibility / cost center being charged	Inability to produce accurate management reporting for management decision making
AFUDC Eligibility	Indicates that a work order qualifies for AFUDC under regulatory guidelines. AFUDC is the amount recorded by an entity for the costs of financing to fund CWIP. The amount is capitalized along with other construction costs and recovered over the life of the asset, through depreciation. Work orders is not eligible for AFUDC: On service installations, purchase of equipment and furniture, purchase of	 Noncompliance with regulations True cost of asset construction is over or under stated
	 vehicles or power operated equipment On purchase and installation of transformers, regulators and meters On a project which has been abandoned On blanket projects. Blanket projects are high volume, low 	

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Required Field	Field Definition	Business Implications (Risk if missing or incorrect data is provided)
	dollar projects that are closed monthly	
	See AFUDC Policy for full details	
Major Location	Jurisdiction in which asset is physically located	 Incorrect tax district resulting in overpaying or underpaying property taxes Discrepancies between asset facility records and financial record systems
Asset Location	City/town in which the asset is physically located	 Incorrect tax district resulting in overpaying or underpaying property taxes Discrepancies between asset facility records and financial record systems
Date Initiated	Date work order is created. Utilized to perform project / work order aging analysis	Inability to perform project/work order aging analysisLack of audit trail
Program Code or Reimbursable	Program Code – work code definitions required in MAXIMO Reimbursable Indicator – Required in STORMS for CIAC	 Lack of audit trail Unable to reconcile the charges associated with a CIAC Inability to bill third parties
Indicator	(contribution in aid of construction) – indicates that a customer will provide reimbursement for a job	Noncompliance with tariffs and regulations
Late Charge Wait Period (LCW)	Number of months that work order must remain open after completion date to account for late charges	 Incorrect assignment of Late Charge Wait Periods results in Unitization delays, which affects the timely recovery of the Company's rate base

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Required Field	Field Definition	Business Implications (Risk if missing or incorrect data is provided)
Estimated In- Service Date	Estimated date by project initiator as to when assets under construction are ready for their intended use	Inability to track, manage, and monitor projects that are past due based on estimated construction timelines
Initial Estimate	A forecast of the most likely total project cost based on work management system or other engineering standards	 Low initial estimates could result in dissatisfied customers due to higher billing downstream Potential regulatory fines/penalties if actual costs deviate significantly from estimates
Budget Fields	A high-level estimate of the amount being spent on a given project. This should be broken into Amount of Capital, Removal, and Expense	Unable to review actual expenses versus budgeted expenses
Description of Work Performed or Long Description	Free text box allowing for detailed explanation of the project or job	 Lack of proper description will not allow for proper classification of a work order Unable to track costs related to work order Difficulty in identifying work order related to As-built Difficulties in analyzing project
Job Owner or Responsible Person	Job Owner - Name of person who is the owner of the project Responsible Person - Name of person who is responsible for the work order. Varies based on the STORMS status of the work	Unable to communicate with responsible person to manage or analyze CWIP/CCNC
Pool Transmission Facilities Percentage (PTF)	Percentage of transmission asset ownership, used to identify	Unable to determine ownership percentage for transmission assets

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Required Field	Field Definition	Business Implications (Risk if missing or incorrect data is provided)
	revenue recovery for transmission facilities	 Unable to accurately track receivables and payables related to these assets Unable to reconcile accounting entries for the transmission facility or facilities
Utility Account	Plant account within a sub-ledger system, which is posted to based on project work to be performed	 Error at closeout to wrong utility or FERC account Implications in net utility plant and depreciation expenses Unable to accurately complete regulatory filing requirements
Subaccount	The subaccount rolls up to an account and is used to specify the property where the fixed asset is located, such as highway, private, personal	 Misclassification of property tax for the company Misclassification of assets on the General Ledger
SAP Allocator	Code used to allocate expenses to a shared asset capitalized on company books	Improper allocation of costs and revenues

Terms/Acronyms

Term / Acronym	Definition
Capital Expenditure	Costs incurred from the installation,
	construction, replacement or removal of an
	asset representing property, plant or
	equipment that will:
	 Benefit to the company beyond one
	year
	 Extends the life of the asset
	 Extends the reliability of the asset, or
	 Lowers associated operating costs of
	an existing asset

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Term / Acronym	Definition
Non-Capital Expenditure	Costs relating to general operations,
	maintenance, or administrative and general
	expenses, or job order billing.
Project Work Order	System document to collect, track and monitor
	charges incurred by work order initiators and
	monitored by Plant Accounting
AFUDC (Allowance for Funds used During	A noncash item representing the estimated
Construction)	composite interest costs of debt and a return
	on equity funds used to finance construction.
	The allowance is included in the property
	accounts; the contra credit is included in
	income. This portion of the carrying value of
	property is included in a utility company's rate
	base and is recovered through revenues over
	its useful life.

Roles and Descriptions

Title	Responsibility
Work Order Owner	Authorized work order initiators are required to create a
	work order within all applicable work order management and
	financial information systems. At initiation, the authorized
	initiator must fill out all required details and project
	information.
Field Operations Personnel	Upon completion of data entry by the Work Order Initiator,
	the work order is scheduled and released to field operations
	personnel for construction. Project construction begins and
	costs are charged to the created work order
Plant Accounting Clerk	In situations where Plant Accounting initiates a work order in
	PowerPlan on behalf of the business, Plant Accounting is
	provided all the inputs required to facilitate the creation of a
	work order. Plant Accounting clerks do not create work
	orders in STORMS/MAXIMO

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Title	Responsibility
Plant Accounting	Responsible for the oversight and review of activities
ClericalSupervisor	performed by the Plant Accounting Clerks within the Work
	Order Creation Process.
Plant Accounting Manager	Accountable for the accuracy and review of monthly
	transactions as well as for requesting additional information
	from responsible departments and obtaining necessary
	approvals.
Director of Plant Accounting	Responsible for the oversight and management of overall
	critical deliverables of the Plant Accounting function.
	Consulted for knowledge of the overall process and kept
	informed throughout the process.

Scope

Work Order Creation is divided into the following sections:

- Work Order Capitalization
- Preliminary Survey and Investigation Charges

Work Order Capitalization

All capital work orders are predicated on the installation, construction, replacement, or removal of a unit of property. If the answer to either of the questions below is "Yes," the work performed or item purchased should generally be classified as a capital asset:

- 1) Does the work performed or item purchased result in property, plant, or equipment that will provide a benefit to the company beyond one year?
- 2) Does the work performed extend the life, enhance the reliability, increase the capacity or output, or lower the associated operating costs of the existing asset?

Factors in Determining Treatment of Project Costs

The following factors also affect the decision whether or not to capitalize project costs:

- Type of work performed
- Construction (addition/replacement) of an existing asset (capital)
- Retirement/removal of an asset (capital)
- Repair/maintenance of an asset (expense)
- Unit of property (retirement unit upon which capitalization decisions are predicated)

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- Jurisdiction/rate case (Unit of property catalogs can vary based on past rate proceedings within each utility's jurisdiction
- Dollar (cost) threshold
- For details on capital versus expense policy, please see Plant Accounting infonet site: http://us2infonet/sites/Finance/Pages/PlantAccounting.aspx

Direct Purchases of General Equipment and Tools

Direct purchases of general equipment and tools are capitalized if the costs of such items are greater than or equal to the thresholds below, all else are expensed:

·		
	* 5110 – Servco/5210 – NIMO/5310 –	5120 - NG ENG SVCS/5220 – KEDNY/5230 –
Category of Asset	MECO/5320 – Nant/5360 - NECO (Electric	KEDLI/5330 - Boston/5340 - Colonial/5360 -
	Dist and Trans)/ 5410 - NEP	NECO (Gas)/ 5430 - GENCO
General Plant /	Cost per Unit must be >= \$2,500	Cost per Unit must be >= \$500
•	And	And
Hardware	Considered a Unit of Property	Considered a Unit of Property
	Conforms with SOP 98-1*	
Software	(Statement of Position) Cost must be >= \$250,000 And Add new system functionality And Life > 1 Year Requirements project stage expensed Design, coding, installation & testing stages capitalized	Conforms with SOP 98-1* (Statement of Position) Cost must be >= \$1,000,000 And Add new system functionality And Life > 1 Year

Preliminary Survey and Investigation Charges

PURPOSE

Below procedure documenting how Distribution Planning and Asset Management and Transmission Planning and Asset Management monitor preliminary engineering studies where charges accumulate in the Preliminary Survey and Investigation (PS&I) ledger account (FERC Account 183000).

SCOPE

This document applies to:

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- All work orders for studies initiated by Distribution Planning and Asset Management in NE and NY.
- All work orders for studies initiated by Transmission Planning and Asset Management in NE and NY.
- All work orders initiated by other departments under the PS&I reserve funding projects.

PROCESS

Origination and monitoring

Origination

- The Transmission Planning Engineer/Asset Management Engineer fills out the study work order request form and sends it to the Transmission analyst. The information requested on the form includes company, title, description and an estimate of when the study will be completed. The Transmission Analyst opens a work order in PowerPlan using the information on the work order request form. It is assumed that the in-service date is the date the study is complete not the date the assets will go into service.
- Distribution Planning Engineers initiate study work orders in PowerPlan. The analyst runs a monthly report from PowerPlan to capture all newly created work orders.
- Other departments needing to initiate a study work order go through the respective distribution or transmission group to create the work order.

Tracking Studies

Distribution Planning and Asset Management and Transmission Planning and Asset Management will maintain a SharePoint list for the purposes of tracking all preliminary engineering studies. Distribution and Transmission may maintain different lists, but the appearance and function will be consistent, and they will cover work in both NE and NY. The lists will track all studies and allow for key milestones to be tracked and date stamped. The following information will be tracked:

- a) Study Title/Work Order Description
- b) State
- c) Work Order Number

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- d) Work Order Status
- e) Assigned Engineer(s)
- f) Requesting Department (If other than the originating department)
- g) Capital Work Expected (Y or N field)
- h) Capital Funding Project
- i) Comments
- j) Study Completed (Y or N field)
- k) Date Cross Charges Were Transferred
- I) Work Order(s) Transferred to
- m) Transfer Request Date
- n) Next Review Date (the date to follow up with Plant Accounting if the work order was transferred).
- o) Expected Study Completion Date

Additional columns may be added at the discretion of the analyst but are not mandatory **Disbursing Study Charges**

For all completed studies, the analyst asks the engineer for the capital work that resulted from the study.

- The Distribution Analyst obtains the new capital construction funding project number(s) from the Distribution Engineer. The Transmission Planning Engineer/Asset Management Engineer requests the Transmission analyst to initiate a capital construction funding project number(s).
- ii. The new capital construction funding project will not be available for charging until the project information required in PowerPlan is complete and the project is routed for approval through the Delegation of Authority (DOA) process.
- iii. The analyst records the capital construction funding project number(s) in the SharePoint list.
- iv. Once the capital construction funding projects are approved and open in Power Plan, the analyst asks the responsible department to take out work orders to transfer the charges. The following are the responsible departments for specific work:
 - Substation Engineering for Substation work

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- Design for Distribution Line Work
- Transmission Line Engineering for Transmission Line Work
- v. The analyst checks PowerPlan to see if a construction work order is open under the approved project. If multiple funding projects/work orders exist, the planning engineer will provide guidance to disburse the charges from the PS&I work order to the construction work orders. The disbursement basis can be a direct allocation or a percentage of charges to one or several work orders.
- vi. The planning analyst sends an email to Plant Accounting with the following instructions:
 - If applicable, remove the suspension from the PS&I work order
 - Transfer charges to capital in the construction work order(s)created under the appropriate capital construction funding project(s).
 - Include guidance for disbursing the charges when there are multiple work orders/funding projects.
 - Close the study work order once all charges are transferred.
 - Suspend the construction work order if the project kick-off will not happen within six months of the charges transfer.
- vii. The analyst logs the Transfer Request Date in the SharePoint list.

If it has been determined that a capital project is unlikely to result from ongoing study activities:

- viii. The analyst will expense the charges and close the work order by sending a request to Plant Accounting.
- ix. The analyst will seek director approval before expensing charges if they are greater than \$50,000.

Review and Monitoring Controls

Monthly, the analysts will review charges made to PS&I work orders to make sure that all charges are classified as PS&I. If erroneous charges exist, the analyst works with Plant accounting to resolve the charges. Quarterly, the analyst reviews the studies for inactivity. For inactive work orders, the analyst affirms that the inactivity is valid, or

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transfers charges.

Monthly Review

- a. The analyst checks the Expected Study Completion Date in the SharePoint list for any studies that should be complete. For such studies, the analyst checks with the Engineer to see if it is complete.
 - If the study is complete, the analyst follows the process of disbursing charges described in 3.1.3 above.
 - If the study is not complete, the analyst updates the revised. Expected Study Complete Date in the SharePoint list with the new date given by the Engineer.
- b. A report is run by Plant Accounting ("Day 2 Report") to assess current charges to all active studies. The analyst may consult with the sponsoring engineer on all erroneous charges.
- c. The analyst identifies which charges are incorrect and asks Plant Accounting to transfer them. The analyst keeps track of the Transfer Request Date.
- d. The analyst follows up on previous actions taken to drive resolution. The analyst checks PowerPlan to see if requests to Plant Accounting to transfer dollars are complete and the work order has been cancelled or closed. The analyst follows up with Plant Accounting if there are still charges in the work order or if it's not cancelled or closed. The analyst logs the date of the requests of the follow up with Plant Accounting in the Next Review Date field in the SharePoint list.
- e. The Transmission Planning Engineer/Asset Management Engineer fills out the study work order request form and sends it to the Transmission analyst. The information requested on the form includes company, title, description and an estimate of when the study will be completed.

All requests for PS&I work orders should be directed to the planning departments. However, when other departments take out work orders, the analyst will capture and keep track of the work orders as they run the monthly review.

Quarterly Review

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- Analyst confirms with the engineer that Capital projects are expected to result and updates the appropriate Y/N field in the tracking database.
- The analyst reviews the inactive work order list derived from the Day 2 report, which is circulated to various business departments by Project Controls, as part of the ongoing management of inactive work.
- For all work orders that are inactive, the analyst verifies with the engineer the status of the study and reasons for inactivity. If the charges are transferrable, the analyst requests Plant Accounting to transfer the charges, if not the analyst provides the reason for exemption in the file and returns it to the Project Controls group.
- The analyst will confirm with the engineer that the study is still expected to result in capital work and log it in the 'Capital Work Expected' field in SharePoint list.
- If a study has been inactive for twenty four months, the charges will be expensed. The analyst will keep track and notify the director of work orders that are inactive for over 18 months to give visibility of potential work to be expensed.

Late Charge Wait Period (LCW)

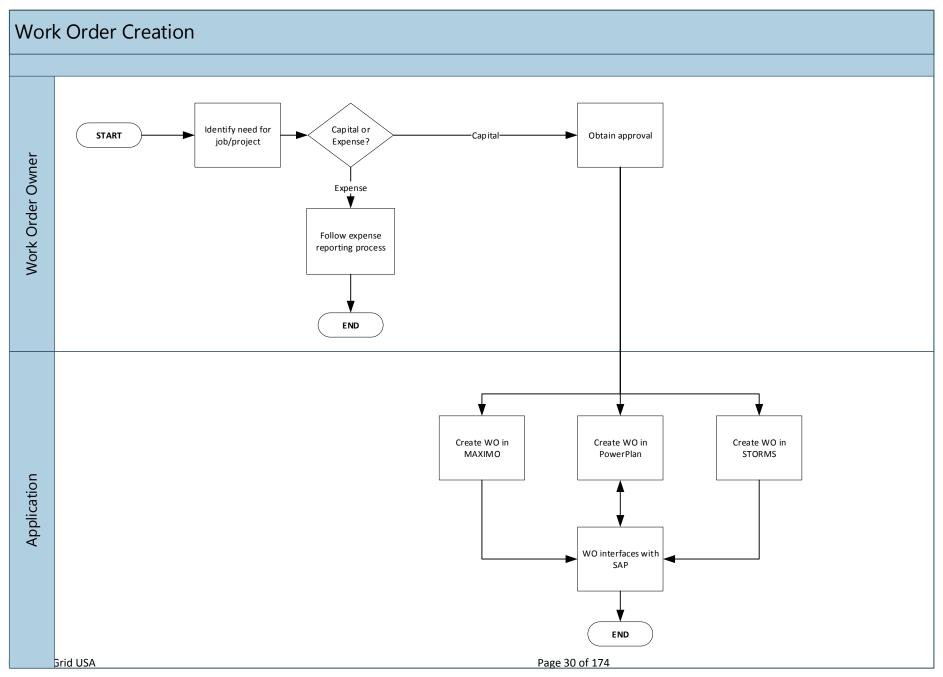
All capital work orders will default with a Late Charge Wait Period (LCW) of 90 days for STORMS, MAXIMO, and Powerplan initiated work orders. For any work orders that are reimbursable, the LCW period can be extended by 30 days (to a maximum of 120 days). Work orders that require a LCW period beyond 120 days, a valid reason code must be provided to Plant Accounting.

In addition, within PowerPlan, the auto unitization process will auto minor add any late charge made after the work order closes. The normal late charge unitization period for lookback is 99 months.

Work Order Creation Process Flow

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Work Order Creation Process Steps

Description	Responsible Role	Process Detail
Identify need for job/project	WO Owner (Initiator) / Authorized Personnel	Determine the need for a job/project based on the following criteria: Replacement of an existing asset Repair/maintenance of an asset Construction of new asset Removal of an asset
Capital or Expense?	Project Manager (PM)/ WO Owner (Initiator)	Determine if project costs will be capitalized or expensed. Validate with Plant Accounting, if questions arise. If Capital, see step: Obtain approval If Expense, see step: Follow Expense Reporting Process
Follow Expense Reporting Process	WO Owner (Initiator)	For expense reporting refer to Project Management Playbook version 3.1.
Obtain Approval	WO Owner (Initiator)	For the Capital Project Approval Process, refer to Project Management Playbook version 3.1.
Entity?	WO Owner (Initiator)	Decision driven by differences in system functionality and business requirements. If Legacy KeySpan, see step: Create WO in Maximo If Legacy NGrid, see step: Facilities, Sub, RI Gas, or IS? If Service Company, see step: Gather and submit all required information
Create WO in MAXIMO	WO Owner (Initiator)	Create the WO in MAXIMO for all Legacy KeySpancapital projects/work orders. Include initial work order estimate in the work order.

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Description	Responsible Role	Process Detail
Create WO in STORMS	WO Owner (Initiator)	Create the WO in STORMS for Electric distribution and Transmissionnon- facilities, sub-station, RI Gas, or IS-based capital projects/WOs. Include initial WO estimate.
Facilities, Sub, RI Gas, or IS?	WO Owner (Initiator)	Determine if the job belongs to Facilities, Sub-station, RI Gas, or IS. If Yes, see step: Create WO in PowerPlan. If No, see step: Create WO in STORMS
Create WO in PowerPlan	WO Owner (Initiator)	Input data into PowerPlan to generate the WO Include initial WO estimate.
WO interfaces withSAP and PowerPlan	System	Work order header information interfaces from STORMS or Maximo into SAP and PowerPlan. Once WOs have been successfully created, see step: Process and review WO
WO interfaces with SAP	System	Work order header information interfaces from PowerPlan to SAP. Once WOs have been successfully created, see step: Process and review WO

Other Affiliated Documents

Document Name	Document Type
Project Management Playbook	Playbook
Expense Reporting Process	Visio
Service Company Policy and Process	Playbook

Tools

Tool Name	Tool Use
STORMS	Legacy Grid work management system
	 Create a work order

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	 Charge, track, monitor, and cancel work order costs
MAXIMO	 Legacy KeySpan work management system Create a work order Charge, track, monitor, and cancel work order costs
PowerPlan	National Grid fixed asset sub-ledger application utilized to:
SAP	National Grid's general ledger application

Process Variations

Key process variations from the primary process contained within this Playbook.

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			Variation Description	
N/A				

Dependencies

Dependency Description		
Dependency: Completion of all required data inputs and supporting documentation		
Dependency: Upfront estimates in work management systems for all WMS and PowerPlan		
initiated work orders. Otherwise, time and materials cannot be charged in SAP to the work		
orders		
Dependency: Accurate classification of capital versus non-capital work orders		
Dependency: Elimination of manual input of As-builts by Plant Accounting		

Dependency: Work order header information needs to be synchronized between the WMS', PowerPlan, and SAP in order for time and material charges to flow completely and accurately

Inputs

Inputs
Work orders created in STORMS, Maximo, and/or PowerPlan and synchronized with SAP
Approval to create capital work orders
Material charges
Invoice charges
Time charges
Burden charges
AFUDC Charges
Depreciation charges
In-service Date

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Inputs
Completion Date
Unit Estimate
Retirement Estimate
As-built
Periodic, updated Maximo work order status
Periodic, updated STORMS work order status
Periodic, updated PowerPlan work order status for PowerPlan initiated work orders

Outputs

Outputs

A capital work order has all of the costs charged to it, accounted for in the correct FERC account, which represents its current state in the work order life cycle

Synchronized work order status across WMS', PowerPlan, and SAP

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Work Order Life Cycle Playbook: Work Order Processing and Review

Work Order Processing and Review

This document encompasses the following processes:

- Preliminary Survey and Investigation Charge Processing (PS&I to CWIP)
- Non-Unitization Processing (CWIP to CCNC)
- Unitization Processing (CCNC to PIS)
- Monthly Work Order Active Review
- Monthly Work Order Inactive Review

The lifecycle of a capital work order is broken down into four major stages, which correspond to the accounts through which charges are transferred until the asset is placed into service.

- 1. **Preliminary Survey and Investigation Charges (FERC Account 183000, PS&I)** Charges that are incurred during the period prior to construction due to preliminary surveys, plans, and investigations performed in order to determine the feasibility of a capital project. Governance and authorizations are followed and obtained. Once construction of the asset begins the PS&I charges that have been incurred are required to be reclassed to the Construction Work In Progress (CWIP) account, prior to the next monthend close.
 - Please note that the PS&I concept does not exist for Legacy Keyspan companies and there is no plan to change this practice at this time.
- 2. Construction Work In Progress (FERC Account 107000, CWIP) Charges that are incurred during the period in which a fixed asset is being constructed are booked to this account. This account includes the costs to construct the asset such as previously incurred PS&I charges, labor, contractor invoices, materials, overhead expenses and Allowance for Funds Used During Construction (AFUDC). Entry of an In-Service Date during the month triggers the reclass of costs accumulated in CWIP to CCNC at the end of the month.
- 3. Completed Construction Not Classified (FERC Account 106000, CCNC) Account that holds the capital expenditures for a project before unitization within the Plant in Service account. Once charges are reclassed into this account from CWIP, stops the further charging of AFUDC to the work order and starts the depreciation process for the asset. The Late Charge Wait (LCW) period for a work order in CCNC will not begin until a Completion Date is entered into PowerPlan. Until the work order's LCW period expires, the work order will not unitize into Plant in Service (PIS).
- 4. **Plant in Service (FERC Account 101000, PIS)** Account that holds the unitized asset costs once a work order's LCW has elapsed and unitization is successful.

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Business Group Descriptions

Business Group	Responsibility
Work Order Owner (Initiator)	Responsible for initiating work orders, purchasing equipment and tracking the costs incurred under the work order for the creation of a capital asset.
	Also, responsible for completing and inputting work order information, including Unit Estimates, Retirement Estimates, final As-built, In-service Date, and Completion Date. The work order owner is responsible for ensuring the work order and As-built information provided is complete, accurate, and provided in a timely manner.
Plant Accounting/Work Order Controls	Actively monitor, track, process, and report the status of all capital work orders through the Work Order Lifecycle to ensure WOs are accounted for on an accurate and timely basis.
	Also, responsible for researching and resolving Unitization Errors on a monthly basis

Terms and Acronyms

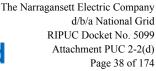
Term / Acronym	Definition
Preliminary Survey and Investigation Charges (FERC Account 183000)	Account that holds the capital expenditures incurred before a project has entered the construction phase (To see Gas and Electric specific definitions refer to Additional Terms below).
Construction Work in Progress (CWIP/FERC Account 107000)	Account that holds the capital expenditures that are incurred before a project is complete (To see Gas and Electric specific definitions refer to Additional Terms below).
Completed Construction Not Classified (CCNC/FERC Account 106000)	Account that holds the capital expenditures for a project before unitization to the Plant in Service account (To see Gas and Electric specific definitions refer to Work Order Process Review).
Plant in Service (PIS/FERC Account 101000)	Account that holds the capital expenditures from a project that has been unitized and placed into service by National Grid (To see Gas and Electric specific definitions refer to Additional Terms below).

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Term / Acronym	Definition
Active work order	A work order that remains open within the Preliminary Survey and Investigation Charges, CWIP, RWIP, or CCNC accounts that hashad a material or labor charge in more than 6 months of the Date Last Charged. The calculation to determine whether a work order is active or inactive specifically excludes AFUDC charges.
Active work order materiality	Any work order, under 6 months old that contains charges over a predetermined dollar value and equate to over 75% of the project budget.
Inactive work order	A work order that remains open within the Preliminary Survey and Investigation Charges, CWIP, RWIP or CCNC account that has not received a material or labor charge in more than 6 months(Date Last Charged).
Senior Management of project initiators	The party or parties responsible for all work orders and projects within their jurisdiction. These individuals can be (in order of accountability) the Vice President, Director, and/or Project Manager.
Date Last Charged	The last date a work order is charged costs related to overhead, materials, and labor (excluding AFUDC charges).
Exception	An inactive work order that has been determined to have a compelling business reason for the inactivity and should remain open. The reasons are: • Future Year Construction • Customer/DOT/3rd Party Delays • Pending Outage (System/Customer) • Pending Permits/Licenses/Litigation • 3rd Party Pole Set • Pending Property/Facilities Transaction • Leak • Other (Detail Required)
Exception Approval	The Exception process requires that an employee who flags a work order with an Exception to have his Manger review and approve the Exception indicated for the work order in question.
Cancellation	A work order that is cancelled and written off to expense.

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Term / Acronym	Definition
Violation work order	An inactive work order that has not received a material or labor charge in more than 18 months.
Violation Report	A quarterly report that contains violations to be sent to senior management for review.
Closed work order	For construction work orders, a closed work order is any work order where charges have been fully unitized to Plant In Service.

Additional Terms

Preliminary Survey and Investigation Charges – Electric Distribution and TransmissionOperating Companies

The PS&I – Electric account is charged with all expenditures for preliminary surveys, plans, investigations, etc., made for the purpose of determining the feasibility of utility projects under contemplation. If construction results, the PS&I account is credited and the accumulated costs are reclassed to CWIP. If the work is abandoned, the charge is made to account 426.5, Other Deductions, or to the appropriate operating expense account.

The records supporting the entries to this account are kept within the Plant Accounting Department.

Note: The PS&I concept and associated PS&I accounting exists for the electric and generation business segements only. The gas business does not utilize PS&I accounting.

Construction Work in Progress (CWIP) - Electric

The CWIP – Electric account shall include the total capital costs of the work orders for electric construction projects that are still under construction and have not had an In-Service Date entered into PowerPlan in order to progress the work order to CCNC. The entry of an In-service Date into PowerPlan indicates that the asset is considered to be "energized," which means the asset is ready to be used in day-today operations. Capital costs that are accumulating in the CWIP account receive a monthly AFUDC charge automatically until an In-Service Date is entered into PowerPlan.

Accumulated work order costs are progressed from CWIP to CCNC once an In-service Date is entered into PowerPlan. Further, if a project, such as a hydroelectric project or transmission line, is designed with two or more units or circuits that are placed in service at different dates, and have costs that are common to and are used in the operation of the project as a whole are associated with the first unit for accounting purposes. If at some point during the construction phase it is determined that a capital project that is being worked on is deemed no longer feasible or it is determined to abandon the project the affected work order is required to be cancelled and expensed. Any materials issued to a work order can be returned to stock or transferred to another work order that can use the materials.

Construction Work in Progress (CWIP) – Gas

The CWIP – Gas account shall include the total capital costs of the work orders for gas construction projects that are still under construction and have not had an In-Service Date entered into PowerPlan in order to progress the work order to CCNC. The entry of an In-service Date into PowerPlan indicates that the asset is considered to be "energized," which means the asset is ready to be used in day-today operations. Capital costs that are accumulating in the CWIP account receive a monthly AFUDC charge automatically until an In-Service Date is entered into PowerPlan.

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Accumulated work order costs are progressed from CWIP to CCNC once an In-service Date is entered into PowerPlan. Further, if a project, such as a gas production plant, a compressor station, or a transmission line, is designed with two or more units that are placed in service at different dates and have costs that are common to and are used in the operation of the project as a whole are associated with the first unit for accounting purposes.

Completed Construction Not Classified (CCNC)

At the end of each reporting month, the CCNC accounts include the total balance of work orders for electric plant or gas plant, which have an In-service Date in PowerPlan and may have a Completion Date in PowerPlan and may have started their Late Charge Wait Periods in PowerPlan. Regardless of whether there is a Completion Date or not for a particular work order that is in the CCNC account, the balance on each work order residing in CCNC has started depreciating and the accumulation of AFUDC was stopped at the point the work order progressed from the CWIP account to the CCNC account.

The entry of a Completion Date for a work order in PowerPlan starts the Late Charge Wait period countdown in PowerPlan, which means late and lagging charges from contractor invoices can still be posted to a work order, final labor costs, for in-house labor can be charged to a work order, materials requisitioned but not posted to a work order can be charged to an order. The Late Charge Wait period is also used by Front Office personnel to complete the work order's final As-built, which needs to be entered into PowerPlan in order for Unitization to be successful at the expiration of the Late Charge Wait period. If Unitization is successful, the work order progresses to Plant in Service (PIS). If Unitization fails, the Plant Accounting clerical staff is responsible for researching and resolving the Unitization error(s) in order for the work order to progress to the PIS g/l account.

The Late Charge Wait period, for work orders, is currently 3 months in PowerPlan. . The Late Charge Wait period in PowerPlan can be viewed on the Detail or the Completed screens.

Within SAP, there is an additional 6-month Late Charge Wait period that begins after the PowerPlan Late Charge Wait period expires. Any charges that are posted to a work order during this second Late Charge Wait period are auto Minor Added to the work order and Unitized. In the event auto minor adding does not work, Plant Accounting personnel have access within PowerPlan to perform manual Minor Additions to a work order.

If a work order has an Open Commitment, the work order will not unitize and close. All commitments must be resolved in SAP before a work order can be unitized and closed.

Note: For the purpose of reporting to the FERC, the classification of electric or gas plant in service, by Utility Account is required. Utilities also tentatively report the balance as accurately as possible, according to prescribed account classifications. The purpose of this provision is to avoid any significant omissions in reported amounts of electric plant in service.

Plant in Service - Electric

101.0 Electric Plant in Service:

This account includes the original cost of electric plant, included in accounts 301 to 399, prescribed herein, owned and used by the utility in its electric utility operations, and has a useful life of more than one year.

The cost of additions to and betterments of property leased from others, which are includible in this account, is recorded in subdivisions separate and distinct from those related to owned property.

101.1 Property Under Capital Leases:

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This account includes the amounts recorded under capital leases for capital assets leased from others and used by the utility in its utility operations.

The electric property included in this account is classified separately according to the detailed accounts (301 to 399) prescribed for electric plant in service.

Records are maintained with respect to each capital lease reflecting: (1) name of lessor, (2) basic details of the lease, (3) termination date, (4) original cost or fair market value of property leased, (5) future minimum lease payments, (6) executor costs, (7) present value of minimum lease payments, (8) the amount that represents interest and the interest rate used, and (9) expenses paid.

Plant in Service - Gas

101.0 Gas Plant in Service:

This account includes the original cost of gas plant, included in utility accounts 301 to 399 prescribed herein, owned, and used by the utility in its gas operations, and has a useful life of more than one year. Including such property owned by the utility but held by nominees. (See also account 106 for unclassified construction costs of completed plant actually in service.)

The cost of additions to and betterments of property leased from others, which are includible in this account, is recorded in subdivisions separate and distinct from those relating to owned property.

101.1 Property Under Capital Leases

This account includes the amounts recorded under capital leases for capital assets leased from others and used by the utility in its utility operations.

The gas property included in this account is classified separately according to the detailed accounts (301 to 399) prescribed for gas Plant in Service. Records are maintained with respect to each capital lease reflecting: (1) Name of lessor, (2) basic details of lease, (3) termination date, (4) original cost fair market value of property leased, (5) future minimum lease payments, (6) executor costs, (7) present value of minimum lease payments, (8) the amount that represents interest and the interest rate used, and (9) expenses paid.

Roles and Descriptions

Title	Responsibility
Plant Accounting Clerk	Responsible for reviewing and remediating Workorder Errors, Wip to Wip transfers, and prepairing various asset reports

Work Order Processing

Closed Work Orders

Post SAP implementation, once a work order is closed, it cannot be reopened, per the current PowerPlan application configuration. If there is a transaction that pre-SAP, would have resulted in the re-opening of a work order, this transaction will now have to be recorded on a separate work order and Unitized to Plant in Service, if a Minor Add cannot be performed in PowerPlan.

Required Fields for Unitization

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In order for a work order to unitize, the work order owner must provide all of the following data:

Required Field	Description	
Expenditure type	Identifies the use of the expense (addition, removal, or	
	construction)	
Unit Estimate	Initial work order estimate, that is established at the work order	
	Operation Level, that determines the work order behavior (i.e.	
	capital, expense, retirement only) and underlying accounting	
	treatment (i.e. GAAP, FERC, etc). The initiatial work order estimate	
	is typically replaced by multiple revisions during the course of	
	construction. The initial Unit Estimate and subsequent revisions	
	either leads up to or results in a final As-built.	
Utility Account	Utility account to be posted based on project work to be	
	performed. Utility accounts include, but are not limited to:	
	Pole	
	Wire	
	Sub-station equipment	
	Transformers	
	Meters	
	Mains	
	Services Land	
	Sub-accounts are used identify the type of location where the	
	asset is being constructed, in order to assist in asset taxation. Sub	
	accounts include:	
Sub Account	Personal	
	Private	
	Highway	
	The retirement unit is any unit that is required to be retired as a	
	result of the replacement of an existing asset. These retirement	
	units are established in National Grid Unit of Property catalog and	
Retirement unit	new retirement units can only be added with Regulatory approval.	
(if applicable)	, , , , , , , , , , , , , , , , , , , ,	
	If a new asset is being constructed and it does not replace an	
	existing asset a retirement unit does not need to be provided since	
	there is nothing to retire	
Quantity	Length, weight, or volume of the new or replacement asset	
Amount	Dollar value of the asset	
Asset Location	City/town in which asset is physically located	

Work Order Reviews

Inactive Work Order Reviews

Inactive work orders are those that have not incurred material or labor charges within the past 6 months. Inactive work orders are reviewed each quarter by Front Office personnel and is coordinated through the Resource Planning Department. Plant Accounting may be asked to help compile and track certain aspects of the Front Office's quarterly review but this is on an as needed basis. However, within this quarterly review process, established by the Resource Planning Department, are work orders that have not Unitized yet because they have unresolved Unitization Errors, residual balances un-Unitized, or a work order is late for Unitization for some unknown reason National Grid USA

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that has to be investigated and resolved. Plant Accounting will assit in the inactive review for those work orders assigned to the team.

Work Order Closing

The responsible work order owner is accountable for providing final AsBuilt information, In-service Dates, Completion Dates, Unit Estimates, Retirement Units, etc. to facilitate Unitization or they should cancel the work order through STORMS or Maximo.

Plant Accounting may not cancel, expense, or close any work order without authorization from the responsible work order owner.

Inactive Work Order Exceptions

Inactive work orders that are requested to be kept open by the responsible work order owner require the following:

- Estimated Completion Date must be timely and result in a re-review as of the date listed
- Below is the list of current work order Exceptions –that have been defined by Resource Planning:

Exception Reason	Lifespan In Months	Description	
Future FY Construction	12	Scheduling holds for future fiscal year construction or bundling	
Customer/DOT/3rd Party Delays	12	Work order is being delayed due to a Department of Transportation or other 3rd party need	
Pending Outage (System/Customer)	6	Work order is a part of a system or customer outage (including Conversion Projects) that have a long lead or limited window of availability	
Pending Permits/Licenses/Liti gation	6	Work order is awaiting a licensing litigation or right of way issue	
3rd Party Pole Set	6	Work orders awaiting a third party pole installation	
Pending Property/Facilities Transaction	6	Pending property or facilities sale or purchase	
Leak	12	Program work for leak maintenance or tracking	
Other	3	A justifiable business reason, with detail provided	

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PS&I to CWIP Process Steps

Description	Responsible Role	Process Detail
Complete the WO Creation Process	WO Owner	Refer to the <i>Work Order Creation</i> section to understand the process and required steps.
Incur Preliminary Engineering Charges	WO Owner	Incur charges associated with the planning and preliminary engineering of a project Preliminary engineering costs are charged to FERC Account 183000, Preliminary Survey and Investigation Charges
Sanction project?	WO Owner	Determine if the project should be sanctioned based upon survey results and preliminary engineering activities If Yes, see step: Identify PS& I charges to transfer to CWIP If No, see step: Identify PS&I charges to expense
Identify PS&I charges to expense	WO Owner	Identify the PS&I charges that should be expensed.
Identify PS&I charges to transfer to CWIP	WO Owner	Identify the PS&I charges that should be transferred to CWIP.
Receive PS&I notification from WO Owner	PA Clerical Team	Receive notification that identifies which work orders: 1)Should be expensed, and 2) Should be transferred to CWIP
Expense or Transfer?	PA Clerical Team	If Expense, see step: Create the J/E to expense charges If Transfer, see step: Create the J/E to transfer charges

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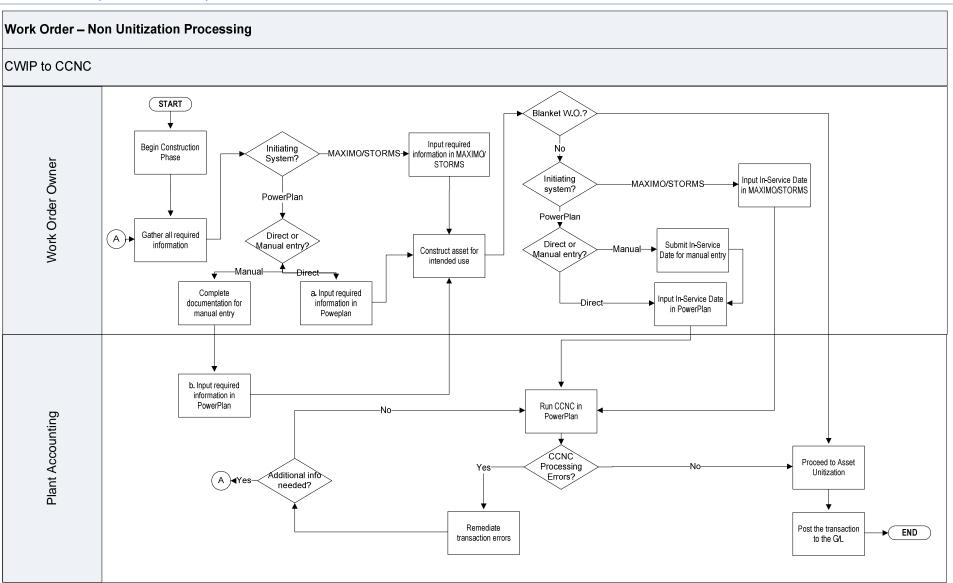


Description	Responsible Role	Process Detail
		Manually create the journal entry in PowerPlan to expense costscharged to PS&I.
Create the J/E to expense PS&I	PA Clerical Team	The journal entry appears as follows:
charges		Debit: O&M Expense Account\$XX Credit: Preliminary Survey and Investigation Charges\$XX
		Manually create the journal entry in PowerPlan to transfer costscharged to PS&I to CWIP.
Create the J/E to transfer PS&I charges	PAClerical Team	The journal entry appears as follows: Debit:
		CWIP\$XX Credit: Preliminary Survey and Investigation Charges\$XX
Post the transactions to the G/L	PA Supervisor	Review the transaction within PowerPlan and post it to the General Ledger. Batch processing occurs over night.
Review all WOs with 183 charges	Planning and Asset Management	Review all work orders which contain 183 charges
Determine if the WOs with 183 charges also have 107 charges	Planning and Asset Management	Upon reviewing work orders with 183 charges determine whether the work order also contain 107 charges. Work orders with charges in both 183 and 107 simultaneously, require the reclassing of the 183 charges to the 107 account.
107 and 183 charges?	Planning and Asset Management	If No , see step: Begin project construction If Yes , see step: Transfer the 183 charges to the 107 account
Begin project construction	N/A	Process ends here.
Transfer the 183 charges to the 107 account	PA Clerical Team	Work orders containing charges in both the 183 and 107 accounts, must have the 183 charges transferred to the 107 account.

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CWIP to CCNC (Non-Unitization) Process Flow



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CWIP to CCNC (Non-Unitization) Process Steps

Description	Responsible Role	Process Detail
Begin Construction Phase	WO Owner	Accrue project charges during asset construction through the Construction Works in Progress (CWIP) account. AFUDC charges accrue against the balance of each work order within the CWIP account (blanket work orders excluded).
Gather all required information	WO Owner	Gather all required information as follows: Data to complete all AsBuilt required fields High level estimates Estimates include asset utility account, Unit estimate Location Retirement Units In-service Date Completion Date
Initiating system?	WO Owner	Determine if the project was initiated in MAXIMO, STORMS, or PowerPlan If MAXIMO or STORMS, see step: Input required information within MAXIMO or STORMS If PowerPlan, see step: Direct or manual entry? The required information for WOs initiated within PowerPlan must be directly input by the work order owner or manually input by the PA Clerk within PowerPlan (data entry completed by the Clerk is based solely upon the information submitted by the WO Owner)
Direct or manual entry?	WO Owner	Determine if the required information will be directly inputted into PowerPlan by the work order owner or manually inputted by the Plant Accounting Clerk. If Direct, see step: Input required information within PowerPlan If Manual, see step: Complete documentation for manual entry
Complete documentation for manual entry	WO Owner	Complete and submit required information to the PA Clerk.
a. Input required information in PowerPlan	WO Owner	Input required info within PowerPlan. The work order owner will directly input the required information within PowerPlan.
b. Input required information in PowerPlan	PA Clerk	Input required info within PowerPlan.

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Description	Responsible Role	Process Detail	
		The Plant Accounting Clerk will manually input the required information into PowerPlan using the information provided in step Complete Documentation for Manual Entry	
Input required information in MAXIMO or STORMS	WO Owner	Input required information directly into MAXIMO or STORMS.	
Construct asset for intended use	WO Owner	Continue to construct asset until it is ready for its intended use.	
		Determine if the project's costs are charged to a blanket work order.	
Blanket WO?	System	If Yes, see step: Proceed to Asset Unitization	
		If No, see step: Initiating System?	
Initiating system?	WO Owner	Determine if the project was initiated in MAXIMO, STORMS, or PowerPlan If MAXIMO or STORMS, see step: Input In-Service Date in MAXIMO/STORMS If PowerPlan, see step: direct or manual entry? The In-Service Date for work orders initiated within PowerPlan must be directly input by the work order owner or manually input by the PA Clerk into PowerPlan.	
		Data entry completed by the Plant Accounting Clerk is based solely upon the information submitted by the work order owner.	
Direct or manual entry?	WO Owner	Determine if the In-Service date will be directly inputted by the work order owner or manually inputted by the Plant Accounting Clerk. If Manual, see step: Submit In-Service date for manual entry If Direct, see step: Input In-Service Date in PowerPlan	

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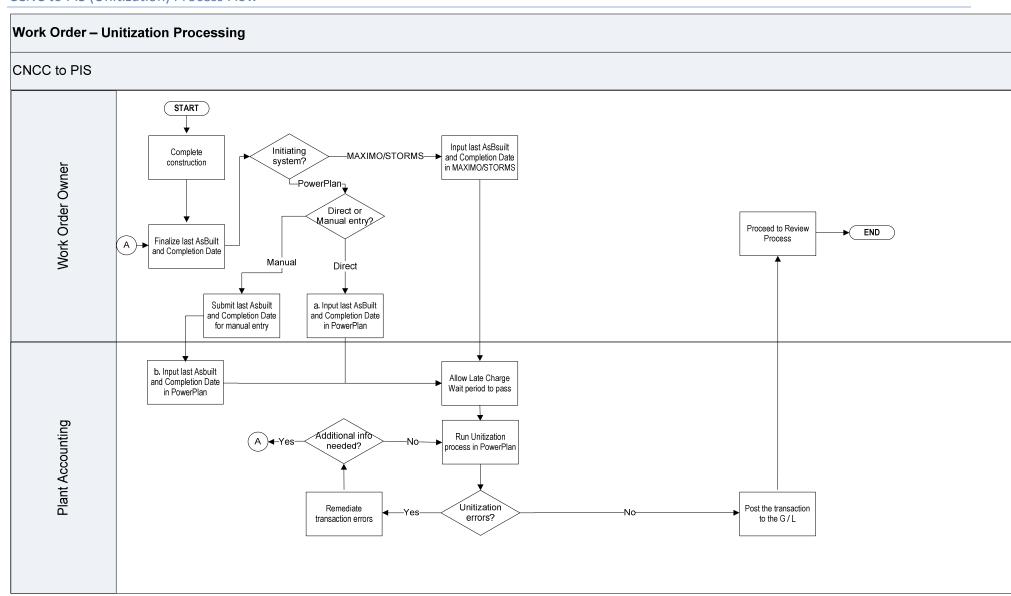


Description	Responsible Role	Process Detail
Submit In-Service Date for manual entry	WO Owner	Identify and submit the In-Service date to the PA Clerk.
Input In-Service date in PowerPlan	WO Owner or PA Clerk	Input the In-Service date in PowerPlan.
Input In-Service date in MAXIMO or STORMS	WO Owner	Input the In-Service date in MAXIMO or STORMS.
Run CCNC process in PowerPlan	PA Analyst	Run the CCNC process in PowerPlan to transfer the charges from CWIP into CCNC.
CCNC Processing Errors?	System	Notify analyst of failed transactions during processing. Common types of transaction errors include: 1.) Incorrect GL account or project work order number 2.) Quantity being transferred is non-integer value 3.) Incorrect or missing AsBuilt information If Yes, see step: Remediate transaction errors If No, see step: Post the transaction to the G/L
Remediate transaction errors	PA Clerk	Correct the non-unitization transactions in PowerPlan. PA Clerical Supervisor must approve any journal entry related fixes.
Additional information required ?	PA Clerk	Determine if additional information is required to remediate transaction errors. If Yes, see step: Gather all required info If No, see step: Run CCNC process in PowerPlan
Proceed to Asset Unitization	PA Analyst	Run the Unitization process in PowerPlan.
Post the transaction to the G/L	PA Analyst	Review the transaction within PowerPlan and post it to the General Ledger.

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CCNC to PIS (Unitization) Process Flow



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CCNC to PIS (Unitization) Process Steps

Description	Responsible Role	Process Detail
Complete construction	WO Owner	Complete the asset construction.
Finalize last AsBuilt and Completion Date	WO Owner	Finalize the last AsBuilt inputs and identify the asset Completion date.
		Determine if the project was initiated in MAXIMO or STORMS or PowerPlan
		If MAXIMO or STORMS, see step: Input last AsBuilt and Completion Date within MAXIMO or STORMS
Initiating system?	WO Owner	If PowerPlan, see step: Direct or manual entry?
		The last AsBuilt and In-Service date for WO initiated within PowerPlan must be directly input by the work order owner or manually input by the PA Clerk within PowerPlan (data entry completed by the PA Clerk is based solely upon the information submitted by the work order owner).
Direct or many		Determine if the last AsBuilt and Completion date will be directly inputted by the work order owner or manually inputted by the Plant Accounting Clerk.
Direct or manual entry?	WO Owner	If Direct, see step: Input last AsBuilt and Completion Date n PowerPlan.
		If Manual, see step: Submit last AsBuilt and Completion date for Manual entry
Submit last AsBuilt and Completion Date for manual entry	WO Owner	Submit the last AsBuilt and Completion date to the PA Clerk.
a. Input last AsBuilt and	WO Owner or PA	Input required info within PowerPlan.
Completion Date in PowerPlan	Clerk	The WO Owner will directly input the last AsBuilt and Completion date within PowerPlan.
b. Input last AsBuilt and Completion Date in PowerPlan	WO Owner or PA Clerk	Input required info within PowerPlan. The PA Clerk will manually input the last AsBuilt and Completion Date within PowerPlan
Input last AsBuilt and Completion Date in MAXIMO or STORMS	WO Owner	Input required information directly within MAXIMO or STORMS.

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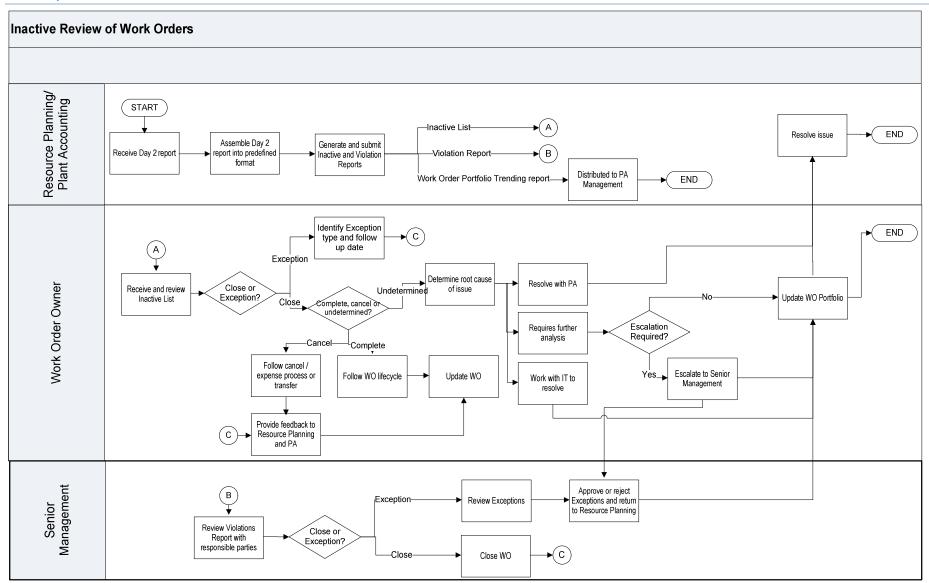


Description	Responsible Role	Process Detail
Allow Late Charge Wait period to pass	PA	Allow the Late Charge Wait period to expire.
Run Unitization process in PowerPlan	PA Analyst	Run the Unitization process in PowerPlan to transfer the charges into PIS.
Unitization errors?	System	Notify PA Analyst of failed transactions during processing. Common types of transaction errors include: 1. Incorrect GL account or project work order number 2. Quantity being transferred is non-integer value 3. Incorrect or missing AsBuilt information If Yes, see step: Remediate transaction errors If No, see step: Post the transaction to the G/L
Remediate transaction errors	PA Clerk	Correct the unitization transactions in PowerPlan. Plant Accounting Clerical Supervisor must approve any journal entry related fixes.
Additional info needed?	PA Clerk	Determine if additional information is required to remediate transaction errors. If Yes, see step: Finalize last AsBuilt and Completion Date. If No, see step: Run unitization process in PowerPlan.
Post the transaction to the G/L	PA Analyst	Review the transaction within PowerPlan and post it to the General Ledger.
Proceed to Review Processes	WO Owner and PA	Begin active and inactive review process upon completion of work order processing. Process ends here.

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Monthly WO Inactive Review Process Flow



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Monthly WO Inactive Review Process Steps

Description	Responsible Role	Process Detail
Receive Day 2 Report	Resource Planning/PA Analyst	Receive Day 2 Report from IBM contact
Assemble Day 2 Report into predefined format	Resource Planning/PA Analyst	Assemble the Day 2 Report into predefined format
		Generate the Inactive and Violation reports and distribute to the designated work order owners:
Generate and Submit Inactive	Resource	Inactive List – Work Order Owner
and Violation Reports	Planning/PA Analyst	Violation Report – Senior Management
κεροιτς		Work Order Portfolio Trending Report – Plant Accounting Management, prepared by the Plant Accounting Analyst for Plant Accounting Management only
WO Portfolio Trending Report Distributed to PA Management	PA Analyst	The Work Order Portfolio Trending Report is distributed to PA Management for review. The PA Management reviews the WOs
Receive and Review Inactive List	WO Owner	processed month over month. Review the Inactive Work Order Report to determine which WOs should be closed or expensed.
		Determine which work orders should be closed or treated as an Exception.
Close or Exception?	Work Order Owner	If Close, see step: Complete, cancel or undetermined?
		If Exception, see step: Identify Exception type and follow-up date

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Description	Responsible Role	Process Detail
Identify Exception type and follow- up date	WO Owner	Identify the Exceptions that will remain open in Preliminary Engineering, CWIP and CCNC, transferred from Preliminary Engineering to CWIP, CWIP to CCNC, or CCNC to PIS. If a work order is left open, select the appropriate exception code and follow up date. Exception codes include the following: 1. Future FY Construction 2. Customer/DOT/3rd Party Delays 3. Pending Outage (System/Customer) 4. Pending Permits/Licenses/Litigation 5. 3rd Party Pole Set 6. Pending Property/Facilities Transaction 7. LEAK - Program work (e.g. Leaks) 8. Other (Detail Required) Proceed to step: Provide feedback to Resource Planning
Complete, cancel or undetermined?	WO Owner	Determine how to treat the non-exception WOs: If Complete, see step: Follow WO lifecycle If Cancel, see step: Follow cancel/expense process or transfer process If Undetermined, see step: Determine root cause of issue
Follow WO lifecycle	WO Owner	Allow the WO to progress through the WO lifecycle. See Work Order Lifecyle Overview Section for details.

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Description	Responsible Role	Process Detail		
Update WO Portfolio		Update the Work Order Portfolio to		
		accurately record the following:		
	WO Owner	 Work order resolution, Follow-up date ,and Work order classification (Exception versus non-exception) Each WO reviewed as a part of this process should be referenced within this		
		process should be referenced within this		
		portfolio.		
Follow cancel/expense or transfer process		Follow the cancel/expense process or transfer from one WO to another (if necessary).		
	WO Owner	Cancel / expense the non-exception work orders within: • STORMS • MAXIMO		
		MAXIMOPowerPlan		
		Proceed to step: Provide feedback to PA through Plant Accounting Mailbox		
		Communicate to PA whether canceling,		
Provide feedback to Resource Planning and PA	WO Owner	expensing or transferring the WO through Plant Accounting Mailbox		
Flaming and FA		Proceed to step: Update WO Portfolio		
		Perform further analysis to determine the		
		root cause of the WO's inactivity.		
Determine root		Proceed to one of the following steps:		
cause of issue	WO Owner	Resolve with PA		
		Requires further analysis		
		Work with IT to resolve		

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Description	Responsible Role	Process Detail
Resolve with PA	WO Owner	Perform steps required to resolve the work order. Possible resolutions include, but are not limited to: - Provide missing work order information such as but not limited to In-service Dates, Completion Dates, As-builts, Retirement Units, etc. - Canceling the work order - Transferring work order charges to the correct FERC account. - Transferring work order charges to another work order
Requires further analysis	WO Owner	Perform steps required to resolve the work order. Possible resolutions include, but are not limited to providing any missing information within the correct feeder system, MAXIMO or STORMS, which flows into PowerPlan and SAP.
Work with IT to resolve	WO Owner	Perform steps required to resolve the WO. Possible resolutions include, but are not limited to: - Canceling the work orders within the applicable feeder systems and/or STORMS/MAXIMO (which will then feed PowerPlan) - Transferring WO charges to the correct FERC account.
Escalation required?	WO Owner	If further analysis is required, is escalation required? If Yes, see step: Escalate to Senior Management If No, see step: Update WO Portfolio
Escalate to Senior Management	WO Owner	Escalate unresolved WOs to Senior Management for resolution.
Review Violations Report with responsible parties	Senior Management	Address the Violations with all responsible parties to determine appropriate resolution.

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	Posnonsihle.	
Description	Responsible Role	Process Detail
		Determine which WOs should be closed or
		treated as an Exception.
Close or	Senior	If Exception, see step:
Exception?	Management	Review exceptions
	_	·
		If Close, see step:
		Close WO
Class MO	Senior	Communicate to Resource Planning that
Close WO	Management	WO has been closed.
		Review Exceptions identified by the WO
		owner.
Daview Eventions	Senior Management	Reach out to the WO owner to address
Review Exceptions		any questions or concerns.
		Proceed to step: Approve and Submit
		Exceptions to Resource Planning.
		Senior Management reviews and makes
		decision.
Approve or reject	Senior	Approve or reject Exception reason
Exceptions and		provided by WO Owner
return to	Management	
Resource Planning		Return Exception approval or rejection to
		Resource Planning
		Proceed to step: Update WO Portfolio

Tools

Tool Name	Tool Use
STORMS	 Legacy NGridwork management system Track and monitor work order activities and current status Complete or cancel work orders within originating system
MAXIMO	 Legacy Keyspan work management system Track and monitor work order activities and current status Complete or cancel work orders within originating system
PowerPlan	Company fixed asset management systemCharge, track, and monitor work order costs

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Tool Name	Tool Use
	 Interface between STORMS, MAXIMO and SAP to communicate non-PowerPlan and PowerPlan initiated work order transactions Transfer charges to appropriate FERC Account Post reported journal entries to the General Ledger(s)
SAP	 National Grid general ledger Sends charges accumulated in SAP to PowerPlan for processing and posting to PowerPlan's Cost Repository Interfaces with PowerPlan to receive work order information that has been processed and posted to the Cost Repository
Access	Used in preparing the raw Day 2 query data provided by IT each month
Excel	Used in preparing the raw Day 2 query data provided by IT each month
PowerPoint	Used in preparing the Work Order Trending Reports each month

Dependencies

Processes, triggers, organizations or pre-requisites that are required for the successful completion of the process.

Dependency Description		
Dependency: Proper capital asset classification during the Work Order Creation and ongoing Work Order Life Cycle processes.		
 Dependency: Accurate and timely completion of the following by the work order owners. Monitoring and tracking of project charges by the work order owner within National Grid work management (STORMS and MAXIMO) and fixed asset and general ledger systems (PowerPlant and SAP) In-Service reporting AsBuilt completion Collaboration and communication between Plant Accounting and work order owners Organization and recordkeeping of work orders reviewed and documentation obtained 		

Inputs

All items that come into the process from an outside source.

Work Order Processing Inputs
Costs charged to work orders across each of the aforementioned capital FERC accounts
AsBuilt data

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Work Order Processing Inputs		
106 and 101 Error Reports input for error resolution process		
In-Service Date		
Completion Date		
Late charge Wait period		
Unit Estimates		
Retirement Units		

Work Order Inactive Review Inputs

Outputs

All items that are derived from the process and sent to an outside source.

Work Order	Processing	Outputs
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Transfer of capital charges to appropriate FERC Account

Journal entries posted to record all of the work order movements, for the period, to the General Ledger for each of the relevant capital FERC accounts (183, 107, 106, 108, 101, and expense)

Asset unitization

Day 2 Query Report

Unitization errors

Work Order	r and Inactive	Review Outputs
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Balance of inactive work orders to be written-off

Updated As-Built information for active work orders

Management reports identifying processed active and inactive review results

Work order exceptions identified

In-service Dates provided

Completion Dates provided

Final charges processed (contractor invoices, materials, and labor)

Inactive Report lists

Violation Report lists

Monthly Work Order Portfolio Trending Report

Templates

All standard documents that are used within the process.

Templates
N/A

Notifications

All instances of manual communication or hand-offs occurring within the process.

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Notification Sender	Notification Receiver	Notification Description
N/A	N/A	N/A

Interfaces

process	Process description	interfac e direction	schedule
99	SAP Transaction Importer	SAP to	Nighlty WOCL schedule
100	PP to SAP posting including BAPI	PP to SAP	Nightly WOCL schedule
161	Fleet to PP leese reads two files one from an external vendor and the second extarcted from SAP.	SAP to PP	monthly
488	As-builts from Storms to SAP	Storms to PP	dialy evenings
490	GetWO, workorder creation validation routine.	WMS to SAP to PP	real time
702	Mapping of Size & Material (Kind) from Maximo to Retirement Units in PowerPlant	Maxim o to PP	real time
703	Locations Mapping (Maximo to PowerPlant) for Property Tax districts on Assets.	Maxim o to PP	real time
704	Compatible Units to Retirement Units Mapping	Maxim o to PP	real time
750	Funding Projects to SAP	PP to SAP	real time
752	Work Order Registery – Blankets	PP to Storms	real time
754	Budget Item Maintenance - once a Funding Project is approved or closed, pass Project from PowerPlant to STORMS	PP to Storms	real time
794	Master Data, SAP sends changes in the master data to PowerPlan	SAP to PP	nightly
3105	Programmatic Reconciliation, SAP send reconcliation data to PowerPlan	SAP to PP	weekly Sunday
3141	Storms WO estimates to PP. Storms sends the estimates to SAP via 3987.	SAP to PP	dialy 4 times a day
3990	PP Master data to SAP	PP to SAP	dialy
3996	Maximo and storms estimates to PP from SAP	SAP to PP	dialy 4 times a day
3998	WO Header/Status updates to PP from SAP	SAP to PP	dialy 4 times a day
792a	PP work order header updates to SAP	PP to SAP	dialy 4 times a day
792b/32 84	PP work order status updates to SAP	PP to SAP	dialy 4 times a day
792c/328 5	PP Estimate and as-builts to SAP	PP to SAP	dialy 4 times a day

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Required Reports / Queries

Reports or Queries that are generated or leveraged as a part of this process.

Report Name	Standard or Customized
Day 2 Query	Customized

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Work Order Life Cycle Playbook: **Asset Retirement**

Asset Retirement

It is the policy of the Plant Accounting department to retire assets that are no longer "used and useful." It is the responsibility of the Responsible Business Group to provide complete, accurate, and timely asset retirement information to ensure asset retirement data is accurately reflected in the financial records of National Grid. National Grid follows the guidelines listed below for all asset retirements.

Retirements are recorded when an asset is taken out of service and is determined to be no longer "used and useful." The Retirement Overview chart below illustrates the retirement initiation and processing most common to each retirement business reason and asset type.

Business Reasons for Retirement

- **Vintage Asset** under general equipment amortization rules, assets are retired from Plant In Service (PIS) based on their expected useful life regardless of whether the asset remains in service
- Sale or Donation asset is retired from service and the proceeds are credited to the accumulated reserve for depreciation. A gain or loss is recorded on the P&L for land sales, operating unit sales, or sales related to a nonutility or a non-regulated asset. The Regulatory Department is consulted for proper accounting treatment on any regulated asset sales.
- **Disposal or Abandonment** asset is retired from Plant In Service (PIS)
- Theft asset is retired from service. This is not a common scenario due to the nature of the assets at National Grid (e.g. large transformers, substations, pipes, mains, buildings, etc.) If a fixed asset is stolen, the retirement transaction will be followed by a replacement transaction.

Retirement Methods

• **Specific method** – asset is individually identified by a retirement initiator for retirement processing. This method should be used in all instances unless the asset cannot be indentified within the fixed asset management system. For instances where the specifically identified assets cannot be matched up in the asset respository by company/account and vintage year, the default retirement methodology is then:

IOWA Curve – mass asset retirement method used when the vintage year cannot be identified.

FIFO – (First In, First Out) - because the overhead line transformer asset processing workflow is not compatible
with IOWA curve methodology, the FIFO Methodology is being used to retire line transformers. The FIFO
Methodology is only used in instances where the specific identification methodology or the IOWA curve
methodology cannot be used as in the case of the line transformers. With the FIFO methodology the earliest

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asset on record by vintage year is retired first. The FIFO method ensures that the oldest asset(s) and costs will be retired first in a given tax district.

• Trending – Trending is used in situations where assets are being sold to a third party and will eventually be retired off the books. The sales price of the asset being retired is valued using its historic cost (i.e., initial capitalized cost) as the basis for retirement. The present cost is then trended by using PowerPlan Handy Whitman rates. The Trending methodology is only used in assets retirements scenarios that involve the sale of facilities.

All assets are retired using the Specific Retirement method where possible.

Any exceptions to using the Specific Retirement method require approval from the Plant Accounting Manager. For example, the alternative methods may be used when the actual asset record cannot be identified within PowerPlan.

Business Reason	Typical Asset Types	Retirement Process		Retirement Method (s)	Full vs Partial Allowed
		Initiation	Processing		
Vintage	Copy machines, printers, computer equipment	PowerPlant System	Automatically by PowerPlant System (Auto-Life asset)	Specific	Full
Sales or Donation	Building, Land	Real Estate	Manually by Plant Accounting	Specific	Full or Partial
Disposal, Abandonment, Theft	Meters	Meter Shop	Manually by Plant Accounting or Automatically via MITS system	Specific or IOWA	Full
Disposal, Abandonment, Theft	Inside Plant for Electric or Gas for Substation or Generation Assets (Transformers, Converters, Inductors, etc.)	Operations, Facilities	Manually by Plant Accounting	Specific or Trending	Full or Partial
Disposal, Abandonment, Theft	Outside Plant for Electric (poles, wires, fixtures, etc.)	Operations	Automatically via STORMS or MAXIMO work orders	Specific or IOWA	Full or Partial
Disposal, Abandonment, Theft	Outside Plant for Gas (mains, pipes, etc.)	Operations	Automatically via STORMS or MAXIMO work orders	Specific or IOWA	Full or Partial
Disposal	Software	IT/IS	Auto-Life Retire or Manually by Plant Accounting	Specific	Full
Transformer Retirements	Overhead Line Transformers	Operations	Automatically via STORMS	Specific or FIFO	Full no Partial

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Business Group Descriptions

Business Group	Responsibility
Plant Accounting	Responsible for facilitating the Asset Retirements process.
Real Estate	Provides the closing documents of the sale to Plant Accounting
Meter Shop	Responsible for determining the meters to be retired, and notifying Plant Accounting of these meters.
Operations	Responsible for determining non-meter assets that need to be retired.

Terms and Acronyms

Term / Acronym	Definition
Cost of Removal	Actual or estimated costs incurred for the
	demolishing, dismantling, or removing an asset
	from Plant in Service. Transportation and
	handling costs are included as well.
Meter Interface System (MITS)	System used by meter shop to manage and
	track meter assets; system interfaces into
	PowerPlan.
Conversion Assets	Assets converted into PowerPlan (in 2004 for
	Legacy NGrid and 2006 for Legacy KeySpan)
	from prior legacy fixed asset systems that have
	been decommissioned. Due to the conversion,
	asset details cannot be broken out by unit of
	property and thus are grouped into a
	conversion asset bucket. Conversion assets can
	include any type of asset such as: poles, wires,
	transformers, etc.
Unitization	The process by which the capitalized costs for a
	fixed asset construction project are moved
	from Completed Construction Not Classified
	(FERC account 106, CCNC) to Plant in Service
	(FERC account 101, PIS) after notification of As-
	Built status is received by the field.

Roles and Descriptions

Title	Responsibility
Plant Accounting Clerk	Plant Accounting is responsible for the processing and posting
	of the retired asset based on the information provided by the
	business through the authorized retirement requestor.
Plant Accounting Analyst	Plant Accounting Analyst is responsible for overseeing and
	facilitating the retirement of assets, processing the retirement

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Title	Responsibility	
	in PowerPlan, reviewing pending retirement transactions,	
	posting retirement transactions to the records, and the	
	identification and correction of errors.	

Scope

The Work Order Retirement process is performed to account for assets that are no longer "used and useful." By completing this process, the National Grid's collective fixed asset registers will be up-to-date, fully supportable and correctly stated for regulatory, tax, and financial statement reporting purposes.

The general retirement process normally consists of the sub-process below:

Component	Component Details	Owner(s)	
	Select the correct asset &		
Identify asset for retirement	submit the retirement request	Authorized retirement requestor	
	to Plant Accounting		
	Identify and include all required		
Collect required data	data within the retirement	Authorized retirement requester	
	request, including work order	Authorized retirement requestor	
	retirement estimate		
Process and post retirement	Process and post the retirement	Plant Accounting	
Process and post retirement	transaction within PowerPlan	Plant Accounting	

Specific Considerations

Installation Costs

Pre-capitalized assets such as transformers and meters are purchased on blanket work orders and their vintage year is based on the year purchased and placed into storeroom stock. A separate blanket work order is created to capitalize pre-capitalization asset installation costs. Thus, installation costs are recorded separately from the original asset cost.

The retirement transaction for pre-capitalized assets with installation costs should separately account for both the original asset cost and the installation costs.

Partial Retirement

A partial retirement is used when a subset or component of the total asset is removed from service. Partial retirement is not applicable to all National Grid assets. Only specific assets, such as sub-stations or buildings can have a partial retirement. Mass assets such as poles, wires and fixtures, must be retired in full.

Required Information

Plant Accounting requires specific information in order to accurately process a retirement transaction, as listed below.

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Required Base Information			
Type of asset	Quantity to be retired		
Location of asset	Description of asset		
Vintage year	Tax district		
Work order number (if applicable)	Utility account		
Company Number	Number of assets to be retired		
	Dollar value to be retired (if applicable)		
	Dollar value of installation cost (if applicable)		

Asset Type	Required Information			
TOD Line Assets (both LIC and everbood)	Type of cable			
T&D Line Assets (both UG and overhead)	Material (metal vs. non-metal)			
T&D Pole assets	Type of pole (metal, concrete, wood)			
TAD Fole assets	Size of pole			
	Serial and Ref number			
Circuit Breakers and Transformers	 Spare or not (install cost should also be retired) 			
	Diameter of pipe			
Gas mains and services	Pipe material			
	Footage required			
Facilities	Type (Common vs. Electric General and Gas General			
racincies	 Unit of property (type of asset retired e.g. wall v doors) 			
General Plant Equipment	Information required per adjudicated rate			
General Flant Equipment	order			
Meters	Type (residential or commercial)			
THE COLUMN TO TH	Size			
	Compatible Unit (CU) ID			
	• Install sum			
	Remove sum			
	Retirement Unit (RU) name			
Outside Plant	• Grid			
Outside Plant	• Town			
	Street Public Install			
	Private Install Public Research			
	Public Removal Private Personal			
	Private RemovalSerial reference number			
	DrawingSize			
Inside Plant	• Size • Quantity			
	Bank Number (for transformers) Conduit Number (for cable)			
	Conduit Number (for cable)			

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For asset sales or donations, the retirement requestor must submit additional information with the retirement request and closing document. This information includes:

- Location of asset
- Sale price of asset
- Closing costs associated with sale of asset

Retirement Scenarios

The process to retire an asset at National Grid differs depending upon the scenario. Example scenarios are as follows:

- Scenario triggered by Vintage Certain assets that are high-volume, low-cost properties (such as office equipment, computer equipment, office furniture, tools, communication equipment, and miscellaneous equipment) go through an automatic vintage retirement process. In other words, these asset retirements are identified based on the year the assets were placed in service and their established useful life. These assets are retired at the end of their useful life regardless of whether the asset has actually been removed from service.
- Scenario triggered by Sale or Donation Asset sales are uncommon at National Grid due to the typical type of assets owned by the company (i.e. transformers, poles, mains, etc). Asset sales of buildings and land may occur from time to time, which would be initiated by Real Estate. Sales of assets utilize the Specific Retirement Method, since a specific asset must be identified to sell to a third party.
- **Scenarios triggered by Disposal/Abandonment/Theft:** Assets that have been disposed of, identified to be abandoned, or have succumbed to theft should be retired.
- Meters Meter assets are managed through the Meter Interface System (MITS). Therefore, the process to initiate a meter retirement is triggered by the Meter Shop via the MITS system. The MITS system automatically interfaces to PowerPlan at which point Plant Accounting personnel complete the retirement transaction. (This process is completely manual for Legacy KeySpan). Typically, the Specific retirement method is used for meter retirements however, FIFO may be used if a specific asset record cannot be found within PowerPlan.
- Inside Plant (Gas & Electric: Substations/Generation) This process is completely manual for all of National Grid. Retirement initiators submit the necessary paperwork to Plant Accounting, who then process the retirement transaction directly in PowerPlan. The Specific or Trending retirement methods are typically utilized for these types of retirements.
- Outside Plant Legacy NGrid utilizes STORMS (work management system) to initiate retirement transactions via
 work orders. ForLegacy Keyspan any other scenarios not mentioned above are processed manually (retirement
 initiators submit paperwork to Plant Accounting to request a retirement transaction in PowerPlan). Specific,
 FIFO, or IOWA retirement methods are used in this scenario.
- **Software** This process is completely manual for all of National Grid. Retirement initiators (typically from the IT/IS group) submit the necessary paperwork to Plant Accounting, who then process the retirement transaction directly in PowerPlan. The Specific retirement method is utilized for these types of retirements.

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Asset Retirement Process Steps

Description	Responsible	Process Detail
Retirement reason?	System/PA Analyst	1. Vintage (general equipment amortization) PowerPlan will automatically determine vintage assets for retirement when the vintage retirement process is run. 2. Sale / Donation The decision to sell an asset comes from Real Estate. While this is an infrequent transaction, this decision can take time to determine whether a sale is feasible. If Sale, see step: Submit closing documents to PA 3. Disposal / Abandonment / Theft If disposal, theft of abandonment, see step: Meter retirement?
Asset automatically retired in Powerplan	PA Analyst	Execute vintage retirement process within PowerPlan. The Specific Asset is automatically retired by the system based on useful life.

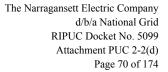
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		On average, the system takes approximately 45 minutes to complete the job.		
Process retirement transaction in PowerPlan	PA Analyst/Clerk	Process the specific asset retirement request using the Specific Retirement Method. Process non-specific assets using the IOWA method. See Asset Retirement Policy for full details		
		on retirement methods.		
Review pending retirement transaction	PA Analyst	Review pending transactions for reasonableness of quantity, dollars, type of asset and vintage.		
Post retirement transaction to records	PA Analyst	Execute the posting job. System generates the retirement entries. System processing times vary depending on volume of transactions, number of errors, and time of day.		
Errors?	System	System notifies user of failed transactions during posting Common types of errors include: 1. Incorrect GL account or project work order number 2. Quantity or dollar value being retired is greater than quantity or dollar value on books 3. Quantity being retired is none integer value		

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		 4. Asset being retired does not exist in specified location on the books 5. Incorrect or missing information (type of asset/retirement unit) If Yes, see step: Correct errors 		
		ii res, see step. correct errors		
		If No, see step:		
		Remove Asset from PowerPlan and post JE to G/L		
		Depending on type of error and company, correct and re-process the retirement transactions in PowerPlan.		
Correct errors	PA Analyst/Clerk	In order to correct the transactions, additional information may be requested from Operations, Real Estate or Meter Shop. Wait times can vary depending upon how quickly information is returned to Plant Accounting.		
		If requested information is not received in a timely manner, wait until next period to process the corrected transaction. If waiting until the next period is		
		required, see step: Review pending		
		retirement transaction		
D A		System removes asset record and		
Remove Asset from PowerPlan		interfaces the transaction to the G/L. The		
and JE posted to	PA Analyst	G/L is updated overnight with a debit to		
G/L		accumulated depreciation and a credit to		
		the asset account.		
Submit closing	Real Estate	Submit the closing documents of the sale		
documents to PA	rical Estate	to Plant Accounting Manager, who		

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	1			
		initiates the retirement process for Plant		
		Accounting.		
		Confirm and validate the information		
		within the retirement request against the		
		fixed asset system.		
Required info		If Yes, see step:		
received?	PA Analyst	Process retirement transaction in		
receiveur		PowerPlan		
		If No, see step:		
		Request additional information from		
		Responsible Department		
		Request the additional information		
		necessary from responsible party to		
		complete the retirement transaction via		
		email.		
Request additional		Once the responsible department has		
		submitted all the necessary information,		
	PA Analyst	proceed back to step:		
info		Asset identified in PowerPlan		
		If Real Estate department, see step:		
		Submit closing documents to Plant		
		Accounting		
		If Operations department, see step: Sent		
		to PA for review		
		Determine meters to be retired. This		
		generally includes installation costs		
Meter retirement?	Meter Shop	associated with the meter to be retired.		
meter retirement:		In some cases, Meter shop may retire		
		only the installation costs (due to meter		
		testing requirements)		

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		<u></u>
		If Yes, see step: KeySpan or NGrid?
		If No, see step: Non-Meter Asset identified to be retired
		If Legacy KS, see step: Send to PA for review
Legacy KS or Legacy NG?	Meter Shop	If Legacy NG, see step: Meter Retirements identified and marked in MITS
Meter retirements identified and marked in MITS	Meter Shop (Legacy NGrid)	Identify specific meters that need to be retired in the MITS system for Legacy NGrid
Meter retirements automatically interfaced to PowerPlan	Meter Shop	MITS system interfaces with PowerPlan and transfers necessary retirement data overnight. The retirement transaction comes into PowerPlan as a pending transaction. Proceed to step: Review pending
Non-Meter Asset		retirement transaction Determine assets to be retired.
identified to be retired	Operations	Operations may retire only the installation costs (due to transformer testing requirements).
Legacy KS or Legacy NG?	Meter Shop	If Legacy KS, see step: Send to PA for review If Legacy NG, see step: Substation, Facility, IT/IS retirement?
Substation, IT/IS retirement?	Operations (Legacy NGrid)	If Yes, see step: Send to PA for review

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		If No, see step:
		Asset retirement automatically interfaced
		to PowerPlan
		STORMS system interfaces with
Asset retirement		PowerPlan and transfers necessary
automatically	Operations	retirement data.
interfaced to	(Legacy NGrid)	
PowerPlan		Proceed to step: Review pending
		retirement transaction

Work Order Controls

Entity: National Grid (NG)
Team: Electric Portfolio & WO

Subject: Control Matrix

Control Name	Control Description	Risk Description	Owner	Performer	Evidence
AGED CWIP REVIEW	Monthly, the Electric Portfolio & WO Controls (EPWOC) group identifies a list of work orders with CWIP (107) balances that haven't been charged in the past 6 months or more. EPWOC prioritizes the list for investigation and follow-up for progression opportunities.	Not progressing WO's to 'in-service' status results in a reduced Return on Equity (AFUDC is not collected and dollars are not in rate base); also results in incorrect depreciation records	Director, Electric Portfolio & WO Controls Manager, Electric WO Controls	Electric WO Controls Team	Aged CWIP listing and follow up comments Location: Electric WO Controls shared folder
INACTVITY	Quarterly, the EPWOC	Not progressing WO's to 'in-	Director,	Electric Portfolio Controls	Inactivity
REVIEW	group identifies all capital work orders that have had no	service' status results in a reduced Return on Equity (AFUDC is not	Electric Portfolio &	Team	Reports, business

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Control Name	Control Description	Risk Description	Owner	Performer	Evidence
	charges for six months or greater. This list of inactive work orders is distributed to the responsible business area for progression opportunities or exclusion explanation. EPWOC works with Responsible Business Departments to facilitate the review and report on the outcome of the process.	collected and dollars are not in rate base); also results in incorrect depreciation records.	WO Controls Manager, Electric WO Controls		response emails Location: Electric WO Controls shared folder
System Validation and Error Reporting	A framework of System validations prevent incorrect data strings from processing and WOs with errors from progressing. Monthly, Plant Accounting provides the ARC, CCNC, and Unitization error reports containing all capital work orders which have errors preventing timely processing. Transactional errors are queried through SAP T-codes and reporting with follow-up action prioritized for resolution.	WOs would otherwise progress with incorrect data attributes, possibly resulting in incorrect financial outcomes and asset records.	Director, Electric Portfolio & WO Controls Manager, Electric WO Controls Back Office Solutions Support	Director, Electric Portfolio & WO Controls Manager, Electric WO Controls Back Office Solutions Support	ARC, CCNC, and Unitization error reports PowerPlan staging table errors (ported to SAP table) Idoc errors (SAP) Reports generated by Plant Accounting or SAP query; stored in Electric WO Controls shared folder

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Control Name	Control Description	Risk Description	Owner	Performer	Evidence
					Electric WO Controls shared folder
DATA SCRUB PROCESS	Periodically, the EPWOC group analyzes the population of all non-closed capital WO's to validate classification of charges between capital, removal, and expense. Any adjustments identified during the review are submitted to Plant Accounting and prioritized for possible top-side and push-down adjustments.	Financial inaccuracies, i.e. misclassification of charges between capital, removal, and expense.	Plant Accounting	Electric WO Controls Team in conjunction with the electric Responsible Business Departments	Data Scrub File Location: Electric WO Controls shared folder
Plant-in-Service Process	Large balance (over \$100K capex) WO's in the Electric jurisdictions are individually forecasted for transition from 'open' to 'in-service' status.	Not progressing WO's to 'in-service' status results in a reduced Return on Equity (AFUDC is not collected and dollars are not in rate base); also results in incorrect depreciation records.	Director, Electric Portfolio & WO Controls Manager, Electric Portfolio Controls	Electric Portfolio Controls Team Capital Complex Project Management Team	Plant-in Service files Location : Electric Portfolio Controls shared folder
CANCELLATION POLICY	On a quarterly basis, the EPWOC group identifies work orders that haven't been charged for a period beyond the cancellation time frame (e.g.12, 18, 24, 36, or 60 months inactivity depending on the WO Type). These work	Not progressing WO's to 'in-service' status results in a reduced Return on Equity (AFUDC is not collected and dollars are not in rate base); also results in incorrect depreciation records. Aged WO designs can become 'stale' and inappropriate for current operational conditions.	Director, Electric Portfolio & WO Controls Manager, Electric WO Controls	Electric Portfolio Controls Team	Inactivity Reports, business response emails Location: Electric WO

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Control Name	Control Description	Risk Description	Owner	Performer	Evidence
	orders are proposed for cancellation and distributed to the originating departments for review, requiring Vice President approval to prevent a WO from being cancelled.				Controls shared folder

Entity: National Grid (NG)
Subject: Control Matrix

Control Name	Control Description	Risk Description	Owner	Performer	Evidence
AGED CWIP REVIEW	Each month, the GOC group identifies a list of work orders with CWIP (107) balances that haven't been charged in the past 3 months or more. GOC then prioritizes the list of WO's based on materiality and follows up with the responsible business areas for proper actions or explanation	Not progressing WO's to in-service results in a reduced Return on Equity (AFUDC is not collected and dollars are not in rate base); also results in incorrect depreciation records	Director/Ma nager, GOC	GOC Manager and Support Staff, in conjunction with the gas Responsible Business Departments	Aged CWIP listing and follow up comments Location: GOC Server
INACTVITY REVIEW	On a quarterly basis, the GOC group identifies all capital work orders that have had no charges in six months or greater. A list of inactive work orders is distributed to the responsible business area for proper actions or explanation. GOC works with Responsible Business Departments to	Not progressing WO's to in-service results in a reduced Return on Equity (AFUDC is not collected and dollars are not in rate base); also results in incorrect depreciation records	Director/Ma nager, GOC	GOC Manager and Support Staff, in conjunction with the gas Responsible Business Departments	Inactivity Reports, business response emails Location: GOC Server

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Control Name Control Description Risk Description			Owner	Performer	Evidence
Control Name	Control Description	Nisk Description	Owner	renomici	LVIGENCE
	facilitate the review and report on the outcome of the process.				
System Validation	System validations prevent WOs with errors from closing. Monthly Plant Accounting provides the ARC, CCNC, and Unitization error reports containing all capital work orders which have error preventing timely processing.	WOs would inappropriately close results in incorrect financial and incorrect asset records	Director/Ma nager, GOC	GOC Manager and Support Staff, in conjunction with the gas Responsible Business Departments	ARC, CCNC, and Unitization error reports Location : GOC Server
DATA SCRUB PROCESS	Periodically, the GOC group monitors the population of all open capital work orders to validate the accurate classification of charges between capital, removal, and expense. Any adjustment identified during the review are submitted to Plant Accounting for proper action.	Financial inaccuracies, i.e. misclassification of charges between capital, removal, and expense.	Director/Ma nager, GOC	GOC Manager and Support Staff, in conjunction with the gas Responsible Business Departments	Data Scrub File Location : GOC Server
DEFAULT REPORTING REVIEW	A monitoring report was created to identify labor charges against default Operations. There are two versions of the report – one for weekly payroll and one for monthly payroll. Each week GOC runs the report and follow	When only default charges occur on a work order, the asset cannot be unitized (i.e. capture the installation and/or retirement of the asset) and thus the work order cannot close.	Director/Ma nager, GOC	GOC Manager and Support Staff, in conjunction with the gas Responsible Business Departments	Weekly Payroll Charges to Default Operations Reports Location : GOC Server

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Control Name	Control Description	Risk Description	Owner	Performer	Evidence
	up with the business for corrections.				
GZ REPORTING REVIEW	Each month, the GOC group identifies a list of work orders with GZ activities that are either missing install or retirement units. GOC follow up with the business for correction and monitors the trending of GZ errors.	Failure to close due to missing retirement or installation units.	Director/Ma nager, GOC	GOC Manager and Support Staff, in conjunction with the gas Responsible Business Departments	GZ Report Location : GOC Server
DNR ERROR REVIEW	The DNR error report is a weekly report which tracks incorrect contractor billing. Review of contractor/internal labor charges prior to final processing in order to make corrections and ensure proper billing and charging.	Failure to capture correct dollars could result in material and financial misstatements.	Director/Ma nager, GOC	GOC Manager and Support Staff, in conjunction with the gas Responsible Business Departments	DNR Error Report
CANCELLATION POLICY	On a quarterly basis, the GOC group identifies work orders that haven't been charged for a period beyond the closure timeline (e.g.12, 24 or 36 months depend on the nature of the work). Those work orders are distributed to the originating departments for review. Work orders with no	Not progressing WO's to in-service results in a reduced Return on Equity (AFUDC is not collected and dollars are not in rate base); also results in incorrect depreciation records	Director/Ma nager, GOC	GOC Manager and Support Staff, in conjunction with the gas Responsible Business Departments	Cancellation reports, business response emails

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Control Name	Control Description	Risk Description	Owner	Performer	Evidence
	VP approval will be submitted for auto cancel.				

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Tools

Tool Name	Tool Use	
SAP	National Grid General Ledger	
PowerPlan	Automatically retires vintage assets (general	
	equipment amortization)	
PA Shared Drive	Plant Accounting's internal document	
	repository	
Excel	Microsoft spreadsheet application.	
MITS	Automatically interface Legacy Grid meter	
	retirements into PowerPlan (as opposed to a	
	manual process for Legacy Keyspan	
STORMS	Automatically interfaces asset retirements	
	into PowerPlan (for all assets other than	
	Substation and Facilities).	
MAXIMO	Automatically interfaces asset retirements	
	into PowerPlan (for all assets other than	
	Substation and Facilities).	

Dependencies

Processes, triggers, organizations or pre-requisites that are required for the successful completion of the process.

Dependency Description			
Dependency: Accurate data inputs containing complete information and supporting documentation			
Dependency: Timely response from the retirement requestors			
Dependency: Completeness of data being interfaced into the fixed asset system			

Inputs

All items that come into the process from an outside source.

Inputs		
Closing documents from Real Estate to Plant Accounting		
Completion Documents		
Final As-builts		

Outputs

All items that are derived from the process and sent to an outside source.

Outputs				
Transaction posted to the fixed asset system removing retired asset from property records				
Journal entry posted to the General Ledger documenting the asset retirement accounting				

Notifications

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All instances of manual communication or hand-offs occurring within the process.

Notification Sender	Notification Receiver	Notification Description
Real Estate	Plant Accounting Manager	Submit the closing
		documents of the sale to
		Plant Accounting Manager,
		who initiates the retirement
		process for Plant Accounting.
PA Analyst	Real Estate Department or	Request the additional
	Operations Department	information necessary from
		responsible party to
		complete the retirement
		transaction via email.
		Once the responsible
		department has submitted all
		the necessary information,
		proceed back to step:
		Asset identified in PowerPlan

Interfaces

Interfaces contained within the process flow.

Interface Name	Inbound/Outbound/Inter- process	Frequency
PowerPlan / MITS	Automatically interface	As necessary, per retirement
	Legacy NGrid meter	
	retirements into PowerPlan	
PowerPlan / STORMS	Automatically interfaces	As necessary, per retirement
	asset retirements into	
	PowerPlan (for all assets	
	other than Substation and	
	Facilities).	
PowerPlan/ MAXIMO	Automatically interfaces	As necessary, per retirement
	asset retirements into	
	PowerPlan (for all assets	
	other than Substation and	
	Facilities).)	

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Work Order Life Cycle: Direct Purchases of General Equipment and Tools

Direct Purchases

This process should ensure that direct purchases of general equipment and tools are accounted for in an accurate and timely manner throughout the work order lifecycle. The Direct Purchases process facilitates the transfer and/or expense of charges across the following accounts:

- Construction Work In Progress (FERC Account 107000, CWIP)
- Plant in Service (FERC Account 101000, PIS)
- Operating Maintenance (OM) accounts

Business Group Descriptions

The primary business groups involved with the Work Order Lifecycle Playbook – Direct Purchases Process are summarized in the table below:

Business Group	Responsibility
Plant Accounting	Responsible for a significant portion of the Direct Purchase process: reviewing, processing, and approving Direct Purchases.
Work Order Owner	Responsible for purchasing the asset and kicking off the Direct Purchase process.
Budget Analyst	Responsible for reviewing and confirming proper charging of the purchase. The Budget Analyst is also responsible for sending the Direct Purchase charge treatment to Plant Accounting.

Terms and Acronyms

Term / Acronym	Definition
Direct Purchase (DP)	Tools, equipment, or other items purchased directly by National Grid employees

Roles and Descriptions

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Title	Responsibility
Plant Accounting Clerk	Performs the processing of the Direct Purchases
Plant Accounting Analyst	Responsible for reviewing Direct Purchases processed by the PA Clerk
Work Order Owner	Responsible for purchasing the asset and kicking off the Direct Purchase process.
Budget Analyst	Responsible for reviewing and confirming proper charging of the purchase. The Budget Analyst is also responsible for sending the Direct Purchase charge treatment to Plant Accounting.

Scope

The Direct Purchase of General Equipment and Tools section is an extension of the Work Order Creation Section. Direct purchases of general equipment and tools include but are not limited to:

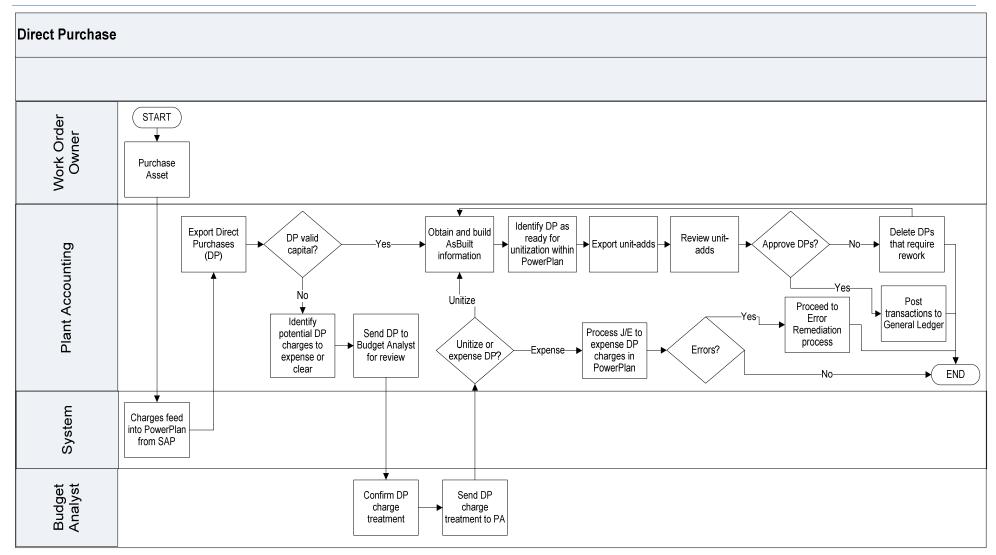
- Transmission Equipment
- Hydraulic Wrench Hoses
- Saws
- Hammer Kits
- Shelves
- Desks
- Wrenches

Direct purchases of general equipment and tools are capitalized, if the costs of such items are greater than or equal to the thresholds below, all else are expensed:

to the thresholds beit	ow, all else are expensed.	
	* 5110 – Servco/5210 – NIMO/5310 –	5120 - NG ENG SVCS/5220 – KEDNY/5230 –
Category of Asset	MECO/5320 - Nant/5360 - NECO (Electric	KEDLI/5330 – Boston/5340 – Colonial/5360 -
	Dist and Trans)/ 5410 - NEP	NECO (Gas)/ 5430 - GENCO
General Plant /	Cost per Unit must be >= \$2,500	Cost per Unit must be >= \$500
Hardware	And	And
пагимаге	Considered a Unit of Property	Considered a Unit of Property
Software	Conforms with SOP 98-1* (Statement of Position) Cost must be >= \$250,000 And Add new system functionality And Life > 1 Year Requirements project stage expensed Design, coding, installation & testing stages capitalized	Conforms with SOP 98-1* (Statement of Position) Cost must be >= \$1,000,000 And Add new system functionality And Life > 1 Year

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Direct Purchases Process Flow



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Direct Purchases Process Steps

Step	Responsible Role	Description
Purchase asset	WO Owner	Make a Direct Purchase (DP) by buying a capital asset. Asset costs are charged to a Direct Purchase work order.
Charges feed into PowerPlan from SAP	System	Interface costs charged within SAP to PowerPlan.
Export Direct Purchases (DPs)	PA Clerk	Export DP charges from SAP into an Excel file. See "SAP PO KT Plant Accounting" desktop procedure on how to identify purchase orders and the information necessary for this process
DP valid capital?	PA Clerk	Review the direct purchases listed within the Excel file and identify whether or not the charges are valid capital. Refer to the Work Order Capitalization section for Capitalization Criteria. If Yes, see step: Obtain and build AsBuilt information If No, see step: ID potential DP charges to expense or clear
Identify potential DP charges to expense or clear	PA Clerk	Highlight all DPs where capitalization is questioned within the Excel file.
Send DP to Budget Analyst for review	PA Clerk	Submit the Excel file with the DPs in question to the Budget Analyst for review.
Confirm DP charge treatment	Budget Analyst	Review the Excel file and confirm the treatment of the highlighted DPs. Charges are expensed or unitized.
Send DP charge treatment to PA	Budget Analyst	Submit the Excel file containing DP charge treatment to the Plant Accounting Clerk.
Unitize or expense DP?	PA Clerk	Unitize or expense each direct purchase. If Unitize, see step: Obtain and build AsBuilt information If Expense, see step: Process J/E to expense DP charges in PowerPlan
Process J/E to expense DP	PA Clerk	Process the J/E to expense DP charges within PowerPlan by using the list submitted by the Budget Analyst.

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AsBuilt for each DP. See Required Fields section below Use the Excel file exported from PowerPlan along with SAP to obtain this information. Use the information to manually complete the AsBuilt for the DP directly within PowerPlan.	Step	Responsible Role	Description
Obtain all information required to complete the AsBuilt for each DP. See Required Fields section below Use the Excel file exported from PowerPlan along with SAP to obtain this information. Use the information to manually complete the AsBuilt for the DP directly within PowerPlan.	charges in		
AsBuilt for each DP. See Required Fields section below Use the Excel file exported from PowerPlan along with SAP to obtain this information. Use the information to manually complete the AsBuilt for the DP directly within PowerPlan.	PowerPlan		
AsBuilt along with SAP to obtain this information. Use the information to manually complete the AsBuilt for the DP directly within PowerPlan.			Obtain all information required to complete the AsBuilt for each DP. See Required Fields sections below
Reach out to the Budget Analyst to obtain	AsBuilt	PA Clerk	along with SAP to obtain this information. Use the information to manually complete the
additional information as required.			Reach out to the Budget Analyst to obtain additional information as required.
Identify DP as Identify the DP as ready for unitization within	·		Identify the DP as ready for unitization within
ready for PowerPlan.	•		PowerPlan.
unitization PA Clerk		PA Clerk	For his long to the land of th
within Each identified DP is labeled as a unit-add with PowerPlan PowerPlan when processed manually.	-		Each identified DP is labeled as a unit-add within
	POWEIPIdII		Export the list of unit-adds from PowerPlan to
Excel			1 .
Export unit-adds PA Analyst Submit this list of unit-adds to the PA Clerk for input.	Export unit-adds	PA Analyst	Submit this list of unit-adds to the PA Clerk for input.
Review unit-adds PA Clerk PA Clerk PA Clerk PA Clerk Excel and identifies any incorrect DP transactions.	Review unit-adds	PA Clerk	Excel and identifies any incorrect DP
If Yes, see step: Post transactions to General			
Approve DPs? PA Clerk Ledger.	Approve DPs?	PA Clerk	
If No, see step: Delete DPs that require rework			If No, see step: Delete DPs that require rework
Delete DPs that require rework Delete DPs that require rework Delete the incorrect DPs from the current unit add list in PowerPlan.		PA Analyst	Delete the incorrect DPs from the current unitadd list in PowerPlan.
Process ends here.			Process ends here.
Post transaction Review the transaction within PowerPlan and	Post transaction		Review the transaction within PowerPlan and
to the General PA Analyst post it to the General Ledger.	to the General	PA Analyst	post it to the General Ledger.
Ledger Process ends here.	Leager		Process ends here.
If Yes, see step: Proceed to Error Remediation			If Yes, see step: Proceed to Error Remediation
Errors? PA Analyst Process	Errors?	PA Analyst	Process
If No, see step: END			If No, see step: END
Complete the error remediation process.			Complete the error remediation process.
Proceed to Error Remediation Process PA Clerk Refer to the Error Remediation Process for details.	Remediation	PA Clerk	1 -
Process ends here.			Process ends here.

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Required Field	Description		
Expenditure type	Identifies the use of the expense (addition, removal, or construction)		
Unit Estimate	Initial work order estimate, that is established at the work order Operation Level, that determines the work order behavior (i.e. capital, expense, retirement only) and underlying accounting treatment (i.e. GAAP, FERC, etc). The initiatial work order estimate is typically replaced by multiple revisions during the course of construction. The initial Unit Estimate and subsequent reviosns either leads up to or results in a final As built.		
Utility Account	Utility account to be posted based on project work to be performed. Utility accounts include, but are not limited to: Pole Meters Wire Mains Sub-station equipment Sub-station equipment Transformers Land		
Sub Account	Sub-accounts are used identify the type of location where the asset is being constructed, in order to assist in asset taxation. Sub accounts include: Personal Private Highway		
Retirement unit (if applicable)	The retirement unit is any unit that is required to be retired as a result of a new asset being constructed or an asset being replaced.		
Quantity	Length, weight or volume of the new or replacement asset.		
Amount	Dollar value of the asset		
Asset Location	City/town in which asset is physically located		

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Controls

Control Point #	Applicable Activity #	Control Type	Control Objective	Control Description	Automated / Manual? (A/M)
FA0001	N/A	Segregation of Duties	Ensure that appropriate Segregation of Duties (SoD) is applied to fixed assets functions.	The following roles & responsibilities are segregated with respect to Fixed Assets end-to-end process: 1. (Project Approvals) Members of the US Sanctioning Committee ("USSC") cannot approve projects in Power Plant (FA Sub ledger) 2. (Project Approvals) Power Plant users cannot approve projects for which they have the approver and funding administrator role. 3. (Work Order Management & Construction Work in Progress "CWIP") In order to ensure segregation of duties the Project Manager must send the change requests with financial statement impacts to Plant Accounting for review and approval of the Compatible Unit (CU) or Macro Unit (MU) change.	A
FA0203	N/A	Work Order Management	Changes to system configurations are appropriate & authorized to ensure that costs are appropriately accounted for (i.e.,. Capital vs. expense)	Any request for a new or change to an existing Compatible Unit (CU) & Macro Unit (MU) with financial statement impact requires review and approval from the MAXIMO Administrator and the Plant Accounting Lead Analyst. The review consists of a plausibility check by the MAXIMO Administrator of the expenses to be capitalized from an operational perspective, based on the description provided in the request. If approved the request is provided to Plant Accounting Lead Analyst for an additional review from an accounting perspective. If approved the Plant Accounting Lead Analyst updates Power Plant accordantly and forwards the approval to the MAXIMO administrator who provides the the request to IT to perform the creation/ changes in MAXIMO.	M

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Control Point #	Applicable Activity #	Control Type	Control Objective	Control Description	Attachment Automated ^{Pag} / Manual? (A/M)	\ /
				Note 1: Applicable for Gas Business only. Note 2: Occurs only rarely. The last instance happened in 2009.		
FA0204	N/A	Work Order Management	Changes to system configurations are appropriate & authorized to ensure that costs are appropriately accounted for (i.e. Capital vs. expense)	1. Senior IT Lead Analyst in Plant Accounting reviews and approves Compatible Units (CU's) that impact Plant Accounting. Requests for changes on CU's are submitted via SharePoint Site, routed via workflow to Senior IT Lead analyst who reviews and approves changes. The review consists in a plausibility check of the description, the dollar amount, date of effectiveness, responsible manager and the name of the person who submitted the request. Request on documentation is stored on SharePoint as a tracking and approval flow.	M	
				2. In order to ensure SOD the change to the CU is subsequently executed in Storms by a System Admin CU User.		

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Tools

Tool Name	Tool Use
SAP	National Grid General Ledger
PowerPlan	Company Fixed Asset Management system;
	Charge, track and monitor Work Order costs
STORMS	Track and monitor Work Order activities
MAXIMO	Track and monitor Work Order Activities (
Excel	Microsoft spreadsheet application.

^{**}Work order completion or cancelation originating systems include, but are not limited to: MAXIMO, GIS, CSS, ONYX, PCON, CAS, CRIS.

Dependencies

Processes, triggers, organizations or pre-requisites that are required for the successful completion of the process.

_		_	
Depe	endenc	v Desc	ription

Dependency: Proper asset classification during the Work Order Creation process

Dependency: Identification of the correct capital, expense and /or clearing accounts

Dependency: Accurate and timely completion of the following:

Monitoring and tracking of project charges by the work order owner within National Grid work management (STORMS and MAXIMO) and fixed asset and general ledger systems (PowerPlan and Oracle/PeopleSoft)

In-service Dates

Completion Dates

AsBuilt completion

Collaboration and communication between Plant Accounting , budget analysts and work order owners

Organization and recordkeeping of work orders reviewed and documentation obtained

Inputs

All items that come into the process from an outside source.

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	р,	

Assets purchased by National Grid

Costs incurred on a work order from the direct purchase of an asset

AsBuilt Data

Outputs

All items that are derived from the process and sent to an outside source.

Outputs

Transfer or expense of charges to correct capital or expense account if the criteria for asset capitalization or expensing are met (refer to the Work Order Capitalization section for Capitalization Criteria).

Journal entry posted to the General Ledger documenting the account balance for each of the aforementioned accounts

Derived PowerPlan Cost Repository data sent from PowerPlan to SAP

Creation of a new capital asset

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Notifications

All instances of manual communication or hand-offs occurring within the process.

Notification Sender	Notification Receiver	Notification Description
PA Clerk	Budget Analyst	Send Excel file containing DPs
		in question for review by the
		Budget Analyst
Budget Analyst	PA Clerk	Budget Analyst reviews Excel
		file to confirm treatment of
		the highlighted DPs. Once
		review is complete, submit to
		PA Clerk
PA Clerk	Budget Analyst	Contact the Budget Analyst
		to obtain additional AsBuilt
		information.

Interfaces

Interfaces contained within the process flow.

Interface Name	Inbound/Outbound/Inter- process	Frequency
99 A/B	Source of charges that feed	Nighlty WOCL schedule
	from SAP into PowerPlan	
100	PP to SAP posting	Nightly WOCL schedule
	including BAPI	

Required Reports / Queries

Reports or Queries that are generated or leveraged as a part of this process.

Report Name	Standard or Customized
N/A	N/A

Required Forms

SAP forms that are used as a part of this process.

Form Name	Standard or Customized Form	Paper or Online
KOB1	Standard	Online

Work Order Life Cycle: Manual Blanket Unitization

Manual Blanket Unitization

This process facilitates the manual unitization of blanket work order charges across the following accounts:

• Construction Work In Progress (FERC Account 107000, CWIP)

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- Plant in Service (FERC Account 101000, PIS)
- Retirement Work In Progress (FERC Account 108000, RWIP)

The purpose of the Manual Blanket Unitization process is to efficiently process blanket work order capital charges and facilitate accurate and timely accounting throughout the work order lifecycle.

Business Group Descriptions

The primary business groups involved with the Manual Blanket Unitization Process are summarized in the table below:

Business Group	Responsibility
Plant Accounting	Responsible for the accurate and timely processing of the Manual Blanket Unitization
Work Order Owner (Initiator)	Initiates the Manual Blanket Unitization process by charging to manual blankets

Terms and Acronyms

Term / Acronym	Definition
Manual Blanket	Utilized by National Grid to unitize assets on blanket work orders. This prevents the individual processing of certain high frequency items

Roles and Descriptions

Title	Responsibility
Work Order Owner	Work Order Owners are the initiators of the manual blanket
	process.
Plant Accounting Analyst	Plant Accounting Analyst are responsible for the review and
	approval of manual blankets within PowerPlan. Once manual
	blankets have been properly unitized by the Plant Accounting
	Clerk, the Analyst will post the activity to the general ledger.
Plant Accounting Clerk	Plant Accounting Clerks are responsible for the majority of
	the manual blanket process. Reviewing all blankets and
	determining if any require retirement. Upon manually
	unitizing blanket work orders, the Plant Accounting Clerk is to
	notify the Analyst that the blankets are ready for posting to
	the general ledger.

Scope

Manual Blanket Unitization is utilized to process high volume transactions, which move through the project phases quickly, and therefore do not require individual processing. This process facilitates the manual unitization of blanket work order charges across the following accounts:

- Construction Work In Progress (FERC Account 107000, CWIP)
- Plant in Service (FERC Account 101000, PIS)
- Retirement Work in Progress (FERC Account 108000, RWIP)

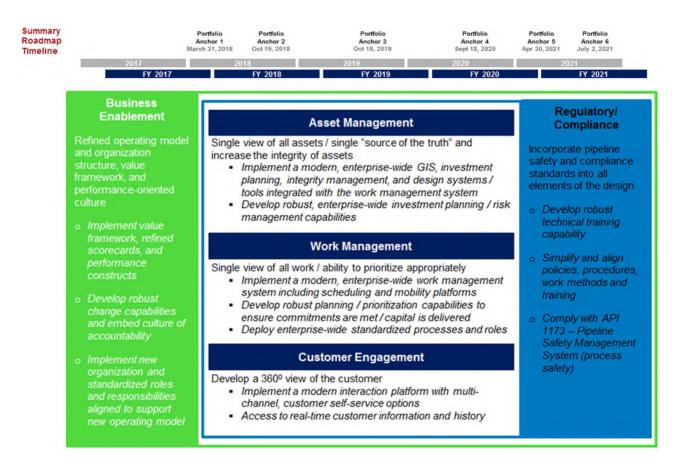
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Gas Business Enablement

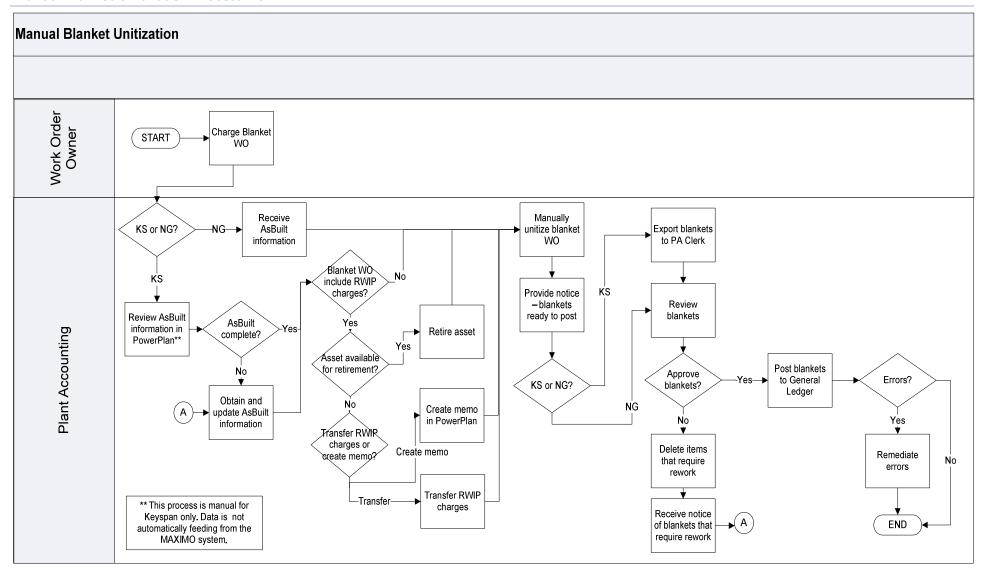
The Gas Business Enablement project, is a major long-term investment in our U.S Gas business to enhance compliance, improve customer service, rate case strategy and performance. This newly created project will be a significant undertaking for the business as we standardize and simplify our operational processes, upgrade the technical systems they run on, build on our compliance programs in a rapidly changing external environment, develop and enhance how we use technology in the field

The Head of the Enablement Program Management Office (PMO) leads the development and execution of program and project management activities over the major initiatives for the Gas Enablement Project at National Grid. This includes the development of practices and methodologies for the PMO to provide for the timely and fiscally responsible completion of projects by adding transparency to project status, escalating risk and issues appropriately, managing the overall performance of those responsible for delivering on project milestones and deliverables, tracking resource costs, establishing accountability for project success and ensuring the full execution of National Grid's Golden Rules for Project Management The PMO office is ultimately accountable for the delivery of the enablement project cost, scope and schedule.

The GBE program is a holistic transformation program aimed to reduce risk, improve business performance and support future growth opportunities by focusing on the following: The GBE project will go live in phases and is not live as of November 2018.



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Manual Blanket Unitization Process Steps

Description	Responsible Role	Process Detail
Charge blanket WO	WO Owner	Charge capital construction costs to blanket work order.
		Refer to Work Order Capitalization section.
KS or NG?	PA	If KS, see step: Review AsBuilt information in PowerPlan
		If NG, see step: Receive AsBuilt information
Review AsBuilt information in PowerPlan	PA Clerk (Review the AsBuilt information for each blanket WO in PowerPlan to identify any missing or additional information needed to proceed with process.
AsBuilt complete?	PA Clerk (If yes, see step: Blanket WO includes RWIP charges? If no, see step: Obtain and update AsBuilt
Obtain and update AsBuilt information	PA Clerk	information Obtain all information required to complete the AsBuilt for manual blanket processing and manually complete the AsBuilt for each blanket transaction directly within PowerPlan. Reach out to the Budget Analyst to obtain additional information as required. Refer to Work Order Processing and Review Policy for AsBuilt requirements. Also seen below
Receive AsBuilt information	PA Clerk	Receive AsBuilt information to process blanket WOs for RI Gas.
Blanket WO include RWIP charges?	PA Clerk (Review blanket work orders within PowerPlan and identify those charged with retirement work in progress costs (RWIP). If Yes, see step: Asset available for retirement?

Description	Responsible Role	Process Detail
		If No, see step: Manually unitize blanket WO
		Identify if the RWIP charges are associated with an asset ready for retirement.
Asset available	PA Clerk	Use the blanket WO information and PowerPlan to identify if there are specific asset(s) for which the RWIP charges should be applied.
for retirement?		If Yes, see step: Retire asset.
		If No, see step: Transfer RWIP charges or create memo?
		Go through the retirement process.
Retire asset	PA Clerk	See Asset Retirement Section for details.
		Once completed, see step: Manually unitize blanket WO
Transfer RWIP		Use work order description to determine if charges should be transferred or a retirement memo created within PowerPlan.
charges or create memo?	PA Clerk	If Transfer, see step: Transfer RWIP charges
		If Create memo, see step: Create memo in PowerPlan
		Transfer RWIP charges to CWIP within PowerPlan.
Transfer RWIP charges	PA Clerk	Once completed, see step: Manually unitize blanket WO
Create memo in PowerPlan	PA Clerk (Create a memo within PowerPlan to create a temporary retirement for which RWIP charges are applied.

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Description	Responsible Role	Process Detail
		Memo retirement will exist until actual retirement
		is created within subsequent processing period.
		Once completed, see step: Manually unitize blanket WO
Manually		Identify the blankets as ready for unitization within PowerPlan.
unitize blanket WO	PA Clerk	Each identified blanket work order is labeled as a unit-add within PowerPlan when processed manually.
Provide notice – blankets ready to post	PA Clerk	Notify the PA Analyst via email that the blanket work orders are ready for unitization posting.
KS or NG?	PA Analyst	If KS, see step: Export blankets to PA Clerk If NG, see step: Review blankets
Export blankets to PA Clerk	PA Analyst	Export and review the list of unit-adds created in step "Manually unitize blanket WO" Submit this list of unit-adds to the PA Analyst for review.
Review blankets	PA Analyst	Review the list of unit-adds within Excel and identify any incorrect blanket transactions.
Approve blankets?	PA Analyst	If Yes, see step: Post blankets to General Ledger If No, see step: Delete items that require work
Delete items that require rework	PA Analyst	Delete the incorrect blanket transactions from the current unit-add list within PowerPlan.
Receive notice of blankets that require rework	PA Analyst	Receive email notification containing the blanket transactions that require revision.
Post blankets to General Ledger	PA Analyst	Review the transaction within PowerPlan and post it to the General Ledger.
Errors?	PA Analyst	If Yes, see step: Remediate errors

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Description	Responsible Role	Process Detail
		If No, see step: END
Remediate errors	PA Clerk	Complete the error remediation process. See <i>Error Remediation</i> section for details

Other Process Affiliated Documents

Document Name	Document Type
N/A	N/A

Controls

Contro I Point #	Applicabl e Activity #	Control Type	Control Objective	Control Description	Automated / Manual? (A/M)
FA020	N/A	Work Order	Changes to	Analyst from Business Process	M
6		Manageme	system	Support selects a monthly	
		nt	configurations	sample (10%) of Compatible	
			are appropriate	Units & Macro Units and	
			& authorized to	reviews for appropriateness &	
			ensure that	accuracy by ensuring that that	
			costs are	the data in Storms is identical	
			appropriately accounted for	to approved request form.	
			(i.e. Capital vs.	Senior Analyst from Business	
			expense)	Process Support reviews and	
				authorizes the 10% sample	
				reviewed by the analyst. Any	
				errors noted by the reviewer	
				are corrected immediately.	

Tools

Tool Name	Tool Use	
SAP	National Grid General Ledger	
PowerPlan	National Grid Fixed Assets Sub-Ledger	
PA Shared Drive	Plant Accounting's internal document repository	
Excel	Microsoft spreadsheet application.	
STORMS	Track and monitor work order activities (
MAXIMO	Track and monitor work order activities (

^{**}Work order completion or cancelation originating systems include, but are not limited to STORMS, MAXIMO, GIS, CSS, ONYX, PCON, and CRIS

Required Fields for Asbuilt

Required Field	Description			
Expenditure type	Identifies the use of the expense (addition, removal, or construction)			
Unit Estimate	Initial work order estimate, that is established at the work order Operation Level, that determines the work order behavior (i.e. capital, expense, retirement only) and underlying accounting treatment (i.e. GAAP, FERC, etc). The initiatial work order estimate is typically replaced by multiple revisions during the course of construction. The initial Unit Estimate and subsequent reviosns either leads up to or results in a final As built.			
Utility Account	Utility account to be posted based on project work to be performed. Utility accounts include, but are not limited to: Pole Meters Mains Sub-station equipment Sub-station equipment Transformers Land			
Sub Account	Sub-accounts are used identify the type of location where the asset is being constructed, in order to assist in asset taxation. Sub accounts include: • Personal • Private • Highway			
Retirement unit	The retirement unit is any unit that is required to be retired as a			
(if applicable)	result of a new asset being constructed or an asset being replaced.			
Quantity	Length, weight or volume of the new or replacement asset.			
Amount	Dollar value of the asset			
Asset Location	City/town in which asset is physically located			

Dependencies

Processes, triggers, organizations, or pre-requisites that are required for the successful completion of the process.

Dependency Description
Dependency: Use of the correct blanket work order when charging capital construction costs
Dependency: Accurate and timely completion of the following:

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Dependency Description

- Monitoring and tracking of project charges by the work order owner within National Grid work management (STORMS and MAXIMO) and fixed asset and general ledger systems (PowerPlan and SAP)
- AsBuilt completion
- Collaboration and communication between Plant Accounting, budget analysts and work order owners
- Organization and recordkeeping of work orders reviewed and documentation obtained

Inputs

All items that come into the process from an outside source.

Inputs

Blanket work order initiated in work management systems or fixed asset system

- Capital costs charged to blanket work orders
- AsBuilt data (See the Work Order Processing and Review section for base requirements)

Outputs

All items that are derived from the process and sent to an outside source.

Outputs
Unitized Assets
Journal entry posted to the General Ledger documenting the account balance for each of the aforementioned accounts

Notifications

All instances of manual communication or hand-offs occurring within the process.

Notification Sender	Notification Receiver	Notification Description
PA Clerk	Budget Analyst	Contact Budget Analyst to
		obtain additional information
		as required

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PA Clerk	PA Analyst	Notify PA Analyst via email
		that blanket WOs are ready
		for unitization posting

Interfaces

Interfaces contained within the process flow.

Interface Name	Inbound/Outbound/Inter- process	Frequency
Adapter Interface 99	SAP to PowerPlan	Nighlty WOCL schedule
Adapter Interface 100	PowerPlan to SAP	Nighlty WOCL schedule

Required Reports / Queries

Reports or Queries that are generated or leveraged as a part of this process.

Report Name	Standard or Customized
FBV3 Parked Journal Entries Query	SAP Standard Query
FB03 Posted Journal Entries Query	SAP Standard Query
FB03 variant PA Monthly JE	SAP Customized Query

Required Forms

Please list all SAP forms that are used as a part of this process.

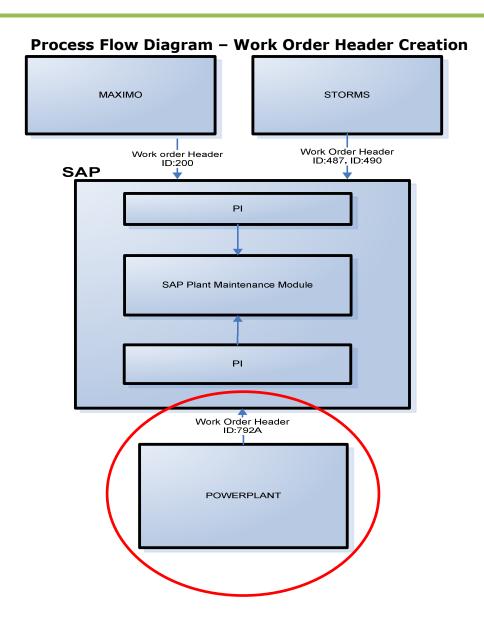
Form Name	Standard or Customized Form	Paper or Online
N/A	N/A	N/A

Appendix

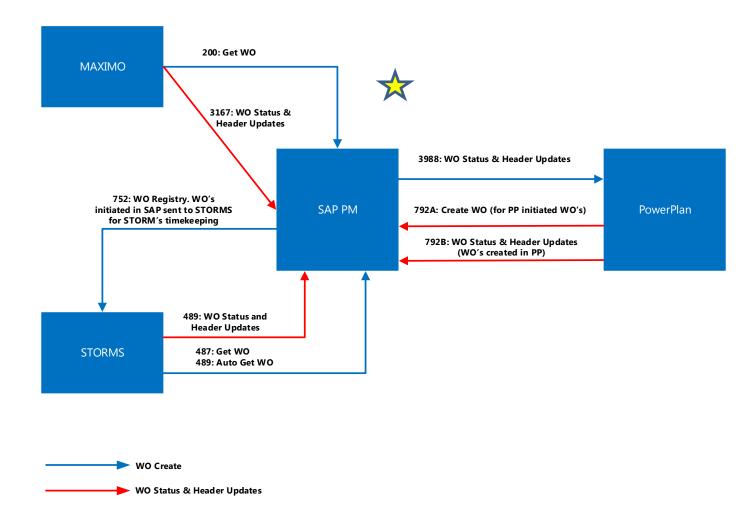
Sections

- A. System Interfaces: Work Order Lifecycle
- B. System Errors
 - I. C1. KeySpan
 - II. C2. Legacy National Grid

System Interfaces: Work Order Lifecyle



The diagram below shows all WO header related interfaces (header creation and header / status $_{\rm Page\ 105\ of\ 174}^{\rm Attachment\ PUC\ 2-2(d)}$ updates).





PowerPlanSystem Errors

The below table lists out all of the Powerplan Unitization Erros

ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		Unitization 100: Error in uf_unallocate: deleting	Unitization 100: Error in uf_unallocate:	
1	Unitization 100	from charge_group_control	deleting from charge_group_control	Unitization 100: Call PPC
	Unitization	Unitization 101: Error in uf_unallocate: updating	Unitization 101: Error in uf_unallocate:	
2	101	charge_group_control	updating charge_group_control	Unitization 101: Call PPC
	Unitization	Unitization 102: Error in uf_unallocate: Updating	Unitization 102: Error in uf_unallocate:	
3	102	unitized_work_order (1)	Updating unitized_work_order (1)	Unitization 102: Call PPC
	Unitization	Unitization 103: Error in uf_unallocate: Updating	Unitization 103: Error in uf_unallocate:	
4	103	unitized_work_order (2)	Updating unitized_work_order (2)	Unitization 103: Call PPC
	Unitization	Unitization 104: uf_unitize: dw Find syntax error	Unitization 104: uf_unitize: dw Find	
5	104	on the unit item	syntax error on the unit item	Unitization 104: call PPC
	Unitization	Unitization 105: uf_unitize: Cannot find the unit	Unitization 105: uf_unitize: Cannot find	
6	105	item	the unit item	Unitization 105:Call PPC
	Unitization	Unitization 106: uf_unitize: dw Find syntax error	Unitization 106: uf_unitize: dw Find	
7	106	on the charge	syntax error on the charge	Unitization 106: Call PPC
	Unitization		Unitization 107: uf_unitize: Cannot find	
8	107	Unitization 107: uf_unitize: Cannot find the charge	the charge	Unitization 107: Call PPC
	Unitization	Unitization 108: uf_unitize: Cannot unitize an	Unitization 108: uf_unitize: Cannot	Unitization 108: Do not unitize an EXPENSE
9	108	EXPENSE or JOBBING charge	unitize an EXPENSE or JOBBING charge	or JOBBING charge
			Unitization 109: uf_unitize: Cannot	
	Unitization	Unitization 109: uf_unitize: Cannot unitize this	unitize this RETIREMENT charge to an	Unitization 109: Do not unitize this
10	109	RETIREMENT charge to an ADDITION unit item	ADDITION unit item	RETIREMENT charge to an ADDITION unit item
			Unitization 110: uf_unitize: Cannot	
	Unitization	Unitization 110: uf_unitize: Cannot unitize this	unitize this ADDITION charge to a	Unitization 110: Do not unitize this
11	110	ADDITION charge to a RETIREMENT unit item	RETIREMENT unit item	ADDITION charge to a RETIREMENT unit item
			Unitization 111: uf_unitize: Cannot	
	Unitization	Unitization 111: uf_unitize: Cannot unitize a	unitize a charge from Account to	Unitization 111: Do not unitize a charge
12	111	charge from Account to Account	Account	from Account to Account
		Unitization 112: uf_unitize: Cannot unitize a		
	Unitization	charge from Account to Account No	Unitization 112: uf_unitize: Cannot	Unitization 112: Do not unitize a charge
13	112	allocations can be performed.	unitize a charge from Account to	from Account to Account .

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			Account No allocations can be	
			performed.	
	Unitization	Unitization 113: uf_unitize: Error updating	Unitization 113: uf_unitize: Error	
14	113	charge_group_control.	updating charge_group_control.	Unitization 113: Call PPC
	Unitization	Unitization 114: uf_unitize: Error updating	Unitization 114: uf_unitize: Error	
15	114	unitized_work_order	updating unitized_work_order	Unitization 114: Call PPC
		Unitization 115: Cannot create pending	Unitization 115: Cannot create	
	Unitization	transactions. Some charges have not been	pending transactions. Some charges	
16	115	unitized	have not been unitized	Unitization 115: Call PPC
		Unitization 116: Cannot create pending	Unitization 116: Cannot create	
	Unitization	transactions without In Service and Completion	pending transactions without In Service	Unitization 116: Add In Service and
17	116	dates.	and Completion dates.	Completion dates.
			Unitization 117: Cannot create	
	Unitization	Unitization 117: Cannot create pending	pending transactions without an asset	
18	117	transactions without an asset location	location	Unitization 117: Add asset location
			Unitization 118: Cannot create	
		Unitization 118: Cannot create pending	pending transactions, Company Id from	
	Unitization	transactions, Company Id from the transactions	the transactions does not match the	
19	118	does not match the company being processed	company being processed	Unitization 118: Call PPC
		Unitization 119: Cannot create a unitization	Unitization 119: Cannot create a	
	Unitization	ADD transaction to the NON-UNITIZED retirement	unitization ADD transaction to the	Unitization 119: Do not unitize to the NON-
20	119	unit.	NON-UNITIZED retirement unit.	UNITIZED retirement unit.
			Unitization 120: Cannot create	
			pending transactions for COR/Salvage	
			No assets were found on the CPR for	
		Unitization 120: Cannot create pending	this Retire. Unit/Bus. Segment/Util.	
		transactions for COR/Salvage No assets were	Account/Sub Account/GL Account	
		found on the CPR for this Retire. Unit/Bus.	Company/Location combination.	
		Segment/Util. Account/Sub Account/GL Account	company_id =, gl_account_id =,	
		Company/Location combination. company_id =,	utility_account_id =, sub_account_id	
		gl_account_id =, utility_account_id =,	=, bus_segment_id =,	Unitization 120: When unitizing COR/SLVG an
		sub_account_id =, bus_segment_id =,	gl_account_id =, utility_account_id =	asset must exist on the CPR matching the
		gl_account_id =, utility_account_id =,	, sub_account_id =,	information provided so the correct depr group
		sub_account_id =, bus_segment_id =,	bus_segment_id =, asset_location_id	can be determined for closing the RWIP to the
21	Unitization 120	asset_location_id = " + string(location)	= " + string(location)	final reserve. Correct the data on the WO.
			Unitization 121: Cannot create	
		Unitization 121: Cannot create Pending	Pending Transactions The	
		Transactions The charge_type table is not filled	charge_type table is not filled in	
22	Unitization 121	in properly.	properly.	Unitization 121: Call PPC
		Unitization 122: Cannot create pending	Unitization 122: Cannot create	
		transactions Class Codes Error adding where	pending transactions Class Codes	
23	Unitization 122	clause	Error adding where clause	Unitization 122: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		_	Unitization 123: Cannot create	
		Unitization 123: Cannot create Pending	Pending Transactions ERROR:	
		Transactions ERROR: inserting into	inserting into	
24	Unitization 123	wo_unit_item_pend_trans:	wo_unit_item_pend_trans:	Unitization 123: Call PPC
			Unitization 124: Pending	
		Unitization 124: Pending Transaction Posting	Transaction Posting Amount does not	
		Amount does not balance with your Pend	balance with your Pend Transaction	
		Transaction Basis, transactions were not created.	Basis, transactions were not created.	
25	Unitization 124	Please contact PowerPlant Support	Please contact PowerPlant Support	Unitization 124: Call PPC
			Unitization 125: Pending	
		Unitization 125: Pending Transactions and	Transactions and Pend Transaction	
		Pend Transaction Basis do not line up,	Basis do not line up, transactions were	
		transactions were not created. Please contact	not created. Please contact PowerPlant	
26	Unitization 125	PowerPlant Support	Support	Unitization 125: Call PPC
			Unitization 126: Pending	
		Unitization 126: Pending Transaction Posting	Transaction Posting Amount does not	
		Amount does not balance with Pend	balance with Pend Transaction Basis;	
		Transaction Basis; transactions were not	transactions were not created. Please	
27	Unitization 126	created. Please contact PowerPlant Support	contact PowerPlant Support	Unitization 126: Call PPC
			Unitization 127: Pending	
		Unitization 127: Pending Transactions and	Transactions and Pend Transaction	
		Pend Transaction Basis do not line up;	Basis do not line up; transactions were	
		transactions were not created. Please contact	not created. Please contact PowerPlant	
28	Unitization 127	PowerPlant Support	Support	Unitization 127: Call PPC
			Unitization 128: 101 Pending	
		Unitization 128: 101 Pending Transactions	Transactions Basis Amount does not	
		Basis Amount does not balance with Cwip	balance with Cwip 107/106 charges;	
		107/106 charges; transactions were not	transactions were not created. Please	
29	Unitization 128	created. Please contact PowerPlant Support	contact PowerPlant Support	Unitization 128: Call PPC
			Unitization 129: Cor/salvage	
			Pending Transactions Amount does	
		Unitization 129: Cor/salvage Pending	not balance with Cwip Cor/salvage	
		Transactions Amount does not balance with	charges; transactions were not	
		Cwip Cor/salvage charges; transactions were	created. Please contact PowerPlant	
30	Unitization 129	not created. Please contact PowerPlant Support	Support	Unitization 129: Call PPC
			Unitization 130: Retire Pending	
		Unitization 130: Retire Pending Transactions	Transactions Amount does not	
		Amount does not balance with Cwip retirement	balance with Cwip retirement charges	
		charges; transactions were not created. Please	; transactions were not created.	
31	Unitization 130	contact PowerPlant Support	Please contact PowerPlant Support	Unitization 130: Call PPC
		Unitization 131: uf_pend_trans: Error	Unitization 131: uf_pend_trans:	
32	Unitization 131	updating pend_transaction	Error updating pend_transaction	Unitization 131: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		Unitization 132: uf_pend_trans: Error	Unitization 132: uf_pend_trans:	
33	Unitization 132	updating pend_basis	Error updating pend_basis	Unitization 132: Call PPC
			Unitization 133: uf_pend_trans:	
		Unitization 133: uf_pend_trans: Error	Error updating	
34	Unitization 133	updating class_code_pending_trans	class_code_pending_trans	Unitization 133: Call PPC
				Unitization 134: The estimates do not
				match the unit items and the WO is intended to
				allocate via estimates. Perhaps the unitize by
				account is on and you have a charge to 364 but no estimate for 364. You need to examine the
				WO estimates and the unit items in the manual
			Unitization 134: uf_allocate:	unitization window and to determine and
		Unitization 134: uf_allocate: Allocation Type:	Allocation Type: Cannot allocate	correct the problem. Again, the problem may
		Cannot allocate based on estimates The	based on estimates The estimates do	be with COR/SLVG or CWIP and neither will
35	Unitization 134	estimates do not match the unit items.	not match the unit items.	unitize until both can.
				Unitization 135: This will most commonly
				occur when the user is adhering to
				utility_account and have not directly assigned at
				least one charge to each of the accounts, or
				when the user is allocating based on standards
				and the retirement unit does not have a record
			Unitization 135: uf_allocate: No	in the retire_unit_std table or the user has a
		Unitization 135: uf_allocate: No basis to	basis to perform allocation for,	charge with a utility account but no
36	Unitization 135	perform allocation for, priority =, account =	priority =, account =	estimate,etc. for that account.
				Unitization 136: This will most commonly
				occur when the user is adhering to utility account and have not directly assigned at
				least one charge to each of the accounts, or
				when the user is allocating based on standards
				and the retirement unit does not have a record
			Unitization 136: uf_allocate: No	in the retire_unit_std table or the user has a
		Unitization 136: uf_allocate: No basis to	basis to perform allocation for,	charge with a utility account but no
37	Unitization 136	perform allocation for, priority =	priority =	estimate,etc. for that account.
				Unitization 137: The system control
				'TOLERANCE FOR ESTIMATES' determines the
			Unitization 137: Negative dollar	tolerance of negatives to positives for
		Unitization 137: Negative dollar amounts	amounts exist in the estimates that are	allocation. If none is specified .1 is used. Either
		exist in the estimates that are greater than the	greater than the tolerance of percent	change the tolerance, correct charges on the
3.0	11-14-41 40-	tolerance of percent of the positive dollar	of the positive dollar amounts. Cannot	WO possibly, or manually unitize the WO in
38	Unitization 137	amounts. Cannot allocate remaining charges.	allocate remaining charges.	question.
20	Unitization 120	Unitization 138: Cannot allocate Charge Type:	Unitization 138: Cannot allocate	Unitization 138: In the allocation
39	Unitization 138	because a charge being allocated: exceeds	Charge Type: because a charge being	maintenance, there is an automatic allocation

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		the allocation limit of: Cannot allocate remaining charges.	allocated: exceeds the allocation limit of: Cannot allocate remaining charges.	limit specified for each charge type. Correct the limits, the charges or manually unitize.
40	Unitization 139	Unitization 139: uf_allocate: Cannot allocate based on 0.00 standard cost:, priority =, account =	Unitization 139: uf_allocate: Cannot allocate based on 0.00 standard cost:, priority =, account =	Unitization 139: The appropriate standard cost information is missing and needs to be corrected. Alternatively, you could manually unitize theWO or change the allocation method being used if appropriate.
41	Unitization 140	Unitization 140: uf_allocate: Cannot allocate based on 0.00 standard cost:, priority =, account =	Unitization 140: uf_allocate: Cannot allocate based on 0.00 standard cost:, priority =, account =	Unitization 140: The appropriate standard cost information is missing and needs to be corrected. Alternatively, you could manually unitize theWO or change the allocation method being used if appropriate.
42	Unitization 141	Unitization 141: uf_allocate: Cannot allocate based on 0.00 standard hours:, priority =, account =	Unitization 141: uf_allocate: Cannot allocate based on 0.00 standard hours:, priority =, account =	Unitization 141: The appropriate standard cost information is missing and needs to be corrected. Alternatively, you could manually unitize theWO or change the allocation method being used if appropriate.
43	Unitization 143	Unitization 143: uf_allocate: Cannot allocate based on 0.00 standard COR hours:, priority =, account =	Unitization 143: uf_allocate: Cannot allocate based on 0.00 standard COR hours:, priority =, account =	Unitization 143: The appropriate standard cost information is missing and needs to be corrected. Alternatively, you could manually unitize theWO or change the allocation method being used if appropriate
44	Unitization 144	Unitization 144: uf_allocate: dw Find syntax error on the Allocation charge group	Unitization 144: uf_allocate: dw Find syntax error on the Allocation charge group	Unitization 144: Call PPC
45	Unitization 145	Unitization 145: uf_allocate: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero.	Unitization 145: uf_allocate: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero.	Unitization 145: This will most commonly occur when the user is adhering to utility_account and have not directly assigned at least one charge to each of the accounts, or when the user is allocating based on standards and the retirement unit does not have a record in the retire_unit_std table or the user has a charge with a utility account but no estimate,etc. for that account.
4.6			Unitization 146: uf_allocate: uf_unitize	11 11 11 14 14 14 14 14 14 14 14 14 14 1
46 47	Unitization 146 Unitization 147	Unitization 146: uf_allocate: uf_unitize error Unitization 147: No Work Orders are eligible for Automatic Unitization.	error Unitization 147: No Work Orders are eligible for Automatic Unitization.	Unitization 146: Call PPC Unitization 147: No Work Orders are eligible for Automatic Unitization.
48	Unitization 148	Unitization 148: Could not run - No gl_je_code exists in gl_je_control for AUTOMATIC 101.	Unitization 148: Could not run - No gl_je_code exists in gl_je_control for AUTOMATIC 101.	Unitization 148:Check if gl_je_code exists in gl_je_control for AUTOMATIC 101.

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			Unitization 150: non-unitized	
		Unitization 150: non-unitized addition pending	addition pending transaction(s) found.	
		transaction(s) found. This work order cannot be	This work order cannot be unitized until	Unitization 150: . Post or Delete the pending
50	Unitization 150	unitized until they are posted or deleted.	they are posted or deleted.	transactions
				Unitization 142: The appropriate standard cost
				information is missing and needs to be
		Unitization 142: uf_allocate: Cannot allocate	Unitization 142: uf_allocate: Cannot	corrected. Alternatively, you could manually
		based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:	unitize the WO or change the allocation method
51	Unitization 142	account =	, priority =, account =	being used if appropriate.
			Unitization 151: This work order will	
		Unitization 151: This work order will not be	not be unitized because it is a joint child	Unitization 151: This work order will not be
52	Unitization 151	unitized because it is a joint child work order.	work order.	unitized because it is a joint child work order.
			Unitization 152: This work order will	
		Unitization 152: This work order will not be	not be unitized because it is a joint child	Unitization 152: This work order will not be
53	Unitization 152	unitized because it is a joint child work order.	work order.	unitized because it is a joint child work order.
			Unitization 153: The automatic	
		Unitization 153: The automatic unitization is	unitization is terminating due to an	
		terminating due to an error in the	error in the f_unitization_audit function	Unitization 153: Check the custom
54	Unitization 153	f_unitization_audit function !!!	!!!	f_unitization_audit function
		Unitization 154: Error in the f_wo_audit_tax	Unitization 154: Error in the	Unitization 154: Check the custom
55	Unitization 154	function	f_wo_audit_tax function	f_wo_audit_tax function
		Unitization 155: Error updating	Unitization 155: Error updating	
56	Unitization 155	charge_group_control	charge_group_control	Unitization 155: Call PPC
		Unitization 156: Error updating	Unitization 156: Error updating	
57	Unitization 156	work_order_charge_group	work_order_charge_group	Unitization 156: Call PPC
			Unitization 157: There are no valid	
		Unitization 157: There are no valid asset locations	asset locations for this work order's	
		for this work order's major location This work	major location This work order	Unitization 157: Add valid asset locations for
58	Unitization 157	order cannot be unitized.	cannot be unitized.	this work order's major location
		Unitization 158: ERROR: updating	Unitization 158: ERROR: updating	
		asset_location_id in wo_estimate:This work	asset_location_id in wo_estimate:	
59	Unitization 158	order cannot be unitized.	This work order cannot be unitized.	Unitization 158: Call PPC
		Unitization 159: ERROR: updating bus_segment_id	Unitization 159: ERROR: updating	
		in wo_estimate: This work order cannot be	bus_segment_id in wo_estimate:	
60	Unitization 159	unitized.	This work order cannot be unitized.	Unitization 159: Call PPC
		Unitization 160: The work order header has no	Unitization 160: The work order header	Unitization 160: The work order header has no
61	Unitization 160	asset location Cannot unitize.	has no asset location Cannot unitize.	asset location
				Unitization 161: Check your Property Unit
			Unitization 161: Cannot create unit	Catalog as the property unit for the retirement
		Unitization 161: Cannot create unit item: Invalid	item: Invalid RU/UA/BS combination:	unit specified has not been related to the Utility
		RU/UA/BS combination: / / Ret Unit :Util	/ / Ret Unit :Util Acct : Bus Seg	account and business segment specified.
62	Unitization 161	Acct : Bus Seg :	:	Alternatively, bad data on the WO may need to

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				be corrected if the unitization information given is wrong, e.g. turbine should really not be in account 364.
63	Unitization 162	Unitization 162: No sub account exists for Util Account ID: and Bus Segment ID:	Unitization 162: No sub account exists for Util Account ID: and Bus Segment ID:	Unitization 162: Create sub account
64	Unitization 163	Unitization 163: No valid property groups found for RU =, Func. Class Id= Check tables PROP GROUP/PROP_UNIT and FUNC CLASS/PROP GROUP Cannot unitize.	Unitization 163: No valid property groups found for RU =, Func. Class Id= Check tables PROP GROUP/PROP_UNIT and FUNC CLASS/PROP GROUP Cannot unitize.	Unitization 163: A property group must be related to both the property unit of the retirement unit, and the function class of the utility account. Either add the missing property group relationship(s) or correct the WO data. Check tables PROP GROUP/PROP_UNIT and FUNC CLASS/PROP GROUP
65	Unitization 164	Unitization 164: The work order header has no asset location Cannot unitize.	Unitization 164: The work order header has no asset location Cannot unitize.	Unitization 164: Add asset location
66	Unitization 165	Unitization 165: This work order does not pass the unitization tolerance. This work order cannot be unitized	Unitization 165: This work order does not pass the unitization tolerance. This work order cannot be unitized	Unitization 165: Tolerances can be used to make sure the amount of the WO is within a specified percentage of the estimate. If it falls outside the limits define, this error will result. Correct estimates or charges or tolerance.
67	Unitization 166	Unitization 166: Cannot create unit item: Invalid RU/UA/BS combination:// Ret Unit : Util Acct : Bus Seg :	Unitization 166: Cannot create unit item: Invalid RU/UA/BS combination:// Ret Unit:Util Acct: Bus Seg:	Unitization 166: Check your Property Unit Catalog as the property unit for the retirement unit specified has not been related to the Utility account and business segment specified. Alternatively, bad data on the WO may need to be corrected if the unitization information given is wrong, e.g. turbine should really not be in account 364.
68	Unitization 167	Unitization 167: Cannot create unit item: Invalid RU/PG combination:// Ret Unit :Prop Group :	Unitization 167: Cannot create unit item: Invalid RU/PG combination:// Ret Unit:Prop Group:	Unitization 167: Check Property Unit/Property group combinations in Table maintenance
69	Unitization 168	Unitization 168: ERROR: Updating property_group_id on wo_estimate:	Unitization 168: ERROR: Updating property group id on wo estimate:	Unitization 168: Call PPC
70	Unitization 169	Unitization 169: No valid property groups found for RU =, Func. Class Id= Check tables PROP GROUP/PROP_UNIT and FUNC CLASS/PROP GROUP Cannot unitize.	Unitization 169: No valid property groups found for RU =, Func. Class Id= Check tables PROP GROUP/PROP_UNIT and FUNC CLASS/PROP GROUP Cannot unitize.	Unitization 169: A property group must be related to both the property unit of the retirement unit, and the function class of the utility account. Either add the missing property group relationship(s) or correct the WO data. Check tables PROP GROUP/PROP_UNIT and FUNC CLASS/PROP GROUP

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			Unitization 170: No sub account	
		Unitization 170: No sub account exists for Util	exists for Util Account ID: and Bus	
71	Unitization 170	Account ID: and Bus Segment ID:	Segment ID:	Unitization 170: Create sub account .
			Unitization 171: Error creating unit	
72	Unitization 171	Unitization 171: Error creating unit items	items	Unitization 171:Call PPC
			Unitization 172: Late Charge	
		Unitization 172: Late Charge Unitization: No	Unitization: No Asset Addition Activities	Unitization 172: Late Charge Unitization:
		Asset Addition Activities Found to Create Minor	Found to Create Minor Adds, Manual	No Asset Addition Activities Found to Create
73	Unitization 172	Adds, Manual Unitization Required	Unitization Required	Minor Adds, Manual Unitization Required
			Unitization 173: Late Charge	
		Unitization 173: Late Charge Unitization: No	Unitization: No Retire Activities Found	Unitization 173: Late Charge Unitization:
		Retire Activities Found to Create Unit Items, in	to Create Unit Items, in Retirement	No Retire Activities Found to Create Unit Items,
7.4	11-11-11-11-11	Retirement Transacations or CPR Activity, Manual	Transacations or CPR Activity, Manual	in Retirement Transacations or CPR Activity,
74	Unitization 173	Unitization Required	Unitization Required	Manual Unitization Required
			Haitiantian 174. This would had a	Unitization 174: Tolerances can be used to
		Unitization 174: This work order does not	Unitization 174: This work order	make sure the amount of the WO is within a
		pass the unitization LATE charge tolerance. This	does not pass the unitization LATE charge tolerance. This work order	specified percentage of the estimate. If it falls outside the limits define, this error will result.
75	Unitization 174	work order cannot be unitized.	cannot be unitized.	Correct estimates or charges or tolerance.
/3	Officizacion 174	Unitization 175: Error inserting into	Unitization 175: Error inserting	Correct estimates of charges of tolerance.
76	Unitization 175	unit_item_class_code:	into unit_item_class_code:	Unitization 175: Call PPC
				Unitization 176: There is incomplete
				unitization information available for the WO, or
				there are no charges to be unitized (monthly
				close-type may get this frequently). Be aware
				that the problem may be for COR/SLVG or CWIP
				charges and the other side may be OK. You
				will need to inspect the WO to see where the
				exact problem is. Often times, it may prove
				easier to determine by going to the manual
			Unitization 176: Unable to create	unitization window and trying to Allocate
		Unitization 176: Unable to create unit items	unit items from either charges or	Remaining Charges (essentially, this is what
77	Unitization 176	from either charges or estimates	estimates	Auto 101 does).
70	11-11-11-11-11-11-11-11-11-11-11-11-11-	Halkingkian 477. Force discostly and and	Unitization 177: Error directly assigning	Heitigation 477, Call DDC
78	Unitization 177	Unitization 177: Error directly assigning charges	charges	Unitization 177: Call PPC
79	Unitization 178	Unitization 178: Error allocating charges	Unitization 178: Error allocating charges	Unitization 178: Call PPC
		Halkingting 470, Halk barren best hafe	Unitization 179: Unit Item: Just	Heitigation 470. The Marian Laurit C
		Unitization 179: Unit Item: Just before	before uf_pend_trans: Invalid	Unitization 179: The Major Location for
		uf_pend_trans: Invalid Company/Asset Location	Company/Asset Location combination!	the given asset location has not been related to
80	Unitination 170	combination! (,) Cannot create pending	(,) Cannot create pending	the company given. Correct through Location
80	Unitization 179	transactions.	transactions.	maintenance or correct the data on the WO.

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			Unitization 180: Unit Item: Just	
		Unitization 180: Unit Item: Just before	before uf_pend_trans: Invalid	
		uf_pend_trans: Invalid Company/Work Order	Company/Work Order combination!	
		combination! () Cannot create pending	() Cannot create pending	
81	Unitization 180	transactions.	transactions.	Unitization 180: Call PPC
			Unitization 181: Unit Item: Just	Unitization 181: The major location for the
		Unitization 181: Unit Item: Just before	before uf_pend_trans: Invalid Utility	given asset location is assigned a Location Type,
		uf_pend_trans: Invalid Utility Account/Asset	Account/Asset Location combination:	which must be valid for the Functional Class of
		Location combination: (/ for Because of	(/ for Because of Invalid Func	the Utility Account given. Update the Function
		Invalid Func Class/Loc Type Combination:/).	Class/Loc Type Combination:/).	Class/Location Type table via table
82	Unitization 181	Cannot create pending transactions.	Cannot create pending transactions.	maintenance, or correct the WO data.
				Unitization 182: There can be rounding
				errors between the book and tax basis buckets
				if the allocation priorities are not set up
			Unitization 182: Cannot create pending	properly (tax only charge types must get their
		Unitization 182: Cannot create pending	transactions. The charge group dollars	own distinct allocation priority). The allocation
		transactions. The charge group dollars do not	do not balance to the unit item	priorities need to be reviewed/updated and the
83	Unitization 182	balance to the unit item dollars	dollars	unitization tables reset for the WO.
			Unitization 183: Cannot create pending	
		Unitization 183: Cannot create pending	transactions. This work order has	Unitization 183: This work order has
		transactions. This work order has subledger	subledger retirement units and must be	subledger retirement units and must be unitized
84	Unitization 183	retirement units and must be unitized manually	unitized manually	manually
		Unitization 184: Error creating pending	Unitization 184: Error creating pending	
85	Unitization 184	transactions	transactions	Unitization 184: Call PPC
			Unitization 185: Error updating	
		Unitization 185: Error updating wo_status_id,	wo_status_id, pending transactions	
86	Unitization 185	pending transactions WERE committed:	WERE committed:	Unitization 185: Call PPC
	Manual	Manual Unitization 200: dw Find syntax error on	Manual Unitization 200: dw Find syntax	
88	Unitization 200	the charge.	error on the charge.	Manual Unitization 200: Call PPC
	Manual		Manual Unitization 201: Cannot find	
89	Unitization 201	Manual Unitization 201: Cannot find the charge.	the charge.	Manual Unitization 201: Call PPC
	Manual	Manual Unitization 202: dw Find syntax error on	Manual Unitization 202: dw Find syntax	
90	Unitization 202	the charge group.	error on the charge group.	Manual Unitization 202:Call PPC
	Manual	Manual Unitization 203: Cannot find the charge	Manual Unitization 203: Cannot find	
91	Unitization 203	group.	the charge group.	Manual Unitization 203: Call PPC
	Manual	Manual Unitization 204: Error updating the charge	Manual Unitization 204: Error updating	
92	Unitization 204	group table.	the charge group table.	Manual Unitization 204: Call PPC
	Manual	Manual Unitization 205: Error updating the work	Manual Unitization 205: Error updating	
93	Unitization 205	order charge group table.	the work order charge group table.	Manual Unitization 205: Call PPC
	Manual	Manual Unitization 206: Error updating the charge	Manual Unitization 206: Error	
94	Unitization 206	group table.	updating the charge group table.	Manual Unitization 206: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
	Manual	Manual Unitization 207: Error updating the charge	Manual Unitization 207: Error	
95	Unitization 207	group table.	updating the charge group table.	Manual Unitization 207: Call PPC
	Manual	Manual Unitization 208: dw Find syntax error on	Manual Unitization 208: dw Find	
96	Unitization 208	the unit item.	syntax error on the unit item.	Manual Unitization 208: call PPC
	Manual		Manual Unitization 209: Cannot	
97	Unitization 209	Manual Unitization 209: Cannot find the unit item.	find the unit item.	Manual Unitization 209: Call PPC
	Manual	Manual Unitization 211: dw Find syntax error on	Manual Unitization 211: dw Find	
98	Unitization 211	the charge.	syntax error on the charge.	Manual Unitization 211: Call PPC
			Manual Unitization 210: The	
		Manual Unitization 210: The Original Cost	Original Cost Retirement charge has not	
		Retirement charge has not yet been posted. It can	yet been posted. It can not be un-	
	Manual	not be un-unitized, it must be deleted from the	unitized, it must be deleted from the	Manual Unitization 210: Deleted from the
99	Unitization 210	Work Order Retirements window.	Work Order Retirements window.	Work Order Retirements window.
	Manual	Manual Unitization 212: Error updating the Charge	Manual Unitization 212: Error	
100	Unitization 212	Group table.	updating the Charge Group table.	Manual Unitization 212: Call PPC
	Manual	Manual Unitization 213: Error updating the Unit	Manual Unitization 213: Error	
101	Unitization 213	Item table.	updating the Unit Item table.	Manual Unitization 213: Call PPC
	Manual	Manual Unitization 214: Error un-allocating	Manual Unitization 214: Error un-	
102	Unitization 214	charges.	allocating charges.	Manual Unitization 214: Call PPC
	Manual	Manual Unitization 215: Error un-allocating	Manual Unitization 215: Error un-	
103	Unitization 215	charges.	allocating charges.	Manual Unitization 215:Call PPC
	Manual	Manual Unitization 216: Error un-allocating	Manual Unitization 216: Error un-	
104	Unitization 216	charges.	allocating charges.	Manual Unitization 216:Call PPC
	Manual	Manual Unitization 217: Error un-unitizing	Manual Unitization 217: Error un-	
105	Unitization 217	targeted charges.	unitizing targeted charges.	Manual Unitization 217:Call PPC
	Manual	Manual Unitization 218: Error un-unitizing	Manual Unitization 218: Error un-	
106	Unitization 218	targeted charges.	unitizing targeted charges.	Manual Unitization 218:Call PPC
	Manual	Manual Unitization 219: Error un-unitizing	Manual Unitization 219: Error un-	
107	Unitization 219	targeted charges.	unitizing targeted charges.	Manual Unitization 219: Call PPC
	Manual	Manual Unitization 220: Error un-unitizing	Manual Unitization 220: Error un-	
108	Unitization 220	targeted charges.	unitizing targeted charges.	Manual Unitization 220:Call PPC
	Manual	Manual Unitization 221: Error un-unitizing	Manual Unitization 221: Error un-	
109	Unitization 221	targeted charges.	unitizing targeted charges.	Manual Unitization 221: Call PPC
			Manual Unitization 222: You	
	Manual	Manual Unitization 222: You cannot split a	cannot split a charge to a unit	Manual Unitization 222: Do not split a
110	Unitization 222	charge to a unit item.	item.	charge to a unit item.
	Manual	Manual Unitization 223: dw Find syntax error	Manual Unitization 223: dw Find	
111	Unitization 223	on the unit item.	syntax error on the unit item.	Manual Unitization 223: Call PPC
	Manual	Manual Unitization 224: Cannot find the unit	Manual Unitization 224: Cannot	
112	Unitization 224	item.	find the unit item.	Manual Unitization 224: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
	Manual	Manual Unitization 225: Cannot unitize an	Manual Unitization 225: Cannot	Manual Unitization 225: Do not unitize an
113	Unitization 225	EXPENSE or JOBBING charge.	unitize an EXPENSE or JOBBING charge.	EXPENSE or JOBBING charge.
			Manual Unitization 226: Cannot	
	Manual	Manual Unitization 226: Cannot unitize this	unitize this RETIREMENT charge to an	Manual Unitization 226: Do not unitize this
114	Unitization 226	RETIREMENT charge to an ADDITION unit item.	ADDITION unit item.	RETIREMENT charge to an ADDITION unit item.
			Manual Unitization 227: Cannot	Manual Unitization 227: Do Not unitize
	Manual	Manual Unitization 227: Cannot unitize this	unitize this ADDITION charge to a	this ADDITION charge to a RETIREMENT unit
115	Unitization 227	ADDITION charge to a RETIREMENT unit item.	RETIREMENT unit item.	item.
			Manual Unitization 228: Cannot	
		Manual Unitization 228: Cannot unitize a	unitize a charge from Account to	
	Manual	charge from Account to Account This charge	Account This charge will not be	Manual Unitization 228: Do not unitize a
116	Unitization 228	will not be unitized.	unitized.	charge from Account to Account
			Manual Unitization 229: Cannot	
		Manual Unitization 229: Cannot unitize a	unitize a charge from Account to	Manual Unitization 229: Do not unitize a
	Manual	charge from Account to Account No	Account No allocations can be	charge from Account to Account No
117	Unitization 229	allocations can be performed.	performed.	allocations can be performed.
			Manual Unitization 230: Cannot	
	Manual	Manual Unitization 230: Cannot group a	group a charge which has already been	
118	Unitization 230	charge which has already been unitized.	unitized.	Manual Unitization 230: Call PPC.
			Manual Unitization 231: Cannot	
	Manual	Manual Unitization 231: Cannot group a	group a charge which has already been	
119	Unitization 231	charge which has already been unitized.	unitized.	Manual Unitization 231: Call PPC
			Manual Unitization 232: Cannot	
	Manual	Manual Unitization 232: Cannot group	group charges with different charge	
120	Unitization 232	charges with different charge types.	types.	Manual Unitization 232: Call PPC
			Manual Unitization 233: ERROR:	
		Manual Unitization 233: ERROR: deleting	deleting from cpr_act_month: the	
	Manual	from cpr_act_month: the gain/loss will not be	gain/loss will not be computed	
121	Unitization 233	computed properly.	properly.	Manual Unitization 233: Call PPC
			Manual Unitization 234: ERROR:	
		Manual Unitization 234: ERROR: inserting	inserting into cpr_act_month: the	
	Manual	into cpr_act_month: the gain/loss will not be	gain/loss will not be computed	
122	Unitization 234	computed properly.	properly.	Manual Unitization 234: Call PPC
		Manual Unitization 235: ERROR: deleting	Manual Unitization 235: ERROR:	
	Manual	from temp_asset: the gain/loss will not be	deleting from temp_asset: the gain/loss	
123	Unitization 235	computed properly.	will not be computed properly.	Manual Unitization 235: Call PPC
		Manual Unitization 236: ERROR: inserting	Manual Unitization 236: ERROR:	
	Manual	into temp_asset: the gain/loss will not be	inserting into temp_asset: the gain/loss	
124	Unitization 236	computed properly.	will not be computed properly.	Manual Unitization 236: Call PPC
		Manual Unitization 237: ERROR: selecting		
	Manual	depr group for the asset: the gain/loss will not be	Manual Unitization 237: ERROR:	
125	Unitization 237	computed properly.	selecting depr group for the asset: the	Manual Unitization 237: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			gain/loss will not be computed	
			properly.	
			Manual Unitization 238: ERROR:	
		Manual Unitization 238: ERROR: check for	check for reserve failed: the gain/loss	
		reserve failed: the gain/loss will not be computed	will not be computed properly.	
	Manual	properly. (asset_id = depr_group_id =	(asset_id = depr_group_id =	
126	Unitization 238	open_month =).	open_month =).	Manual Unitization 238: Call PPC
			Manual Unitization 239: The total	
		Manual Unitization 239: The total of the	of the subledger amounts: does not	
		subledger amounts: does not balance to the	balance to the amount: that was	
		amount: that was unitized to this unit item	unitized to this unit item (unit_item_id	
	Manual	(unit_item_id =). Cannot create pending	=). Cannot create pending	
127	Unitization 239	transactions.	transactions.	Manual Unitization 239: Call PPC
			Manual Unitization 240: The total	
		Manual Unitization 240: The total of the	of the subledger salvage and COR:	
		subledger salvage and COR: does not balance to	does not balance to the amount: that	
		the amount: that was unitized to this unit item	was unitized to this unit item	
120	Manual	(unit_item_id =). Cannot create pending	(unit_item_id =). Cannot create	
128	Unitization 240	transactions.	pending transactions.	Manual Unitization 240: Call PPC
420	Manual	Manual Unitization 241: Multiple In-service,	Manual Unitization 241: Multiple	Manual Haitiantian 244, Call DDC
129	Unitization 241	SQL Error :	In-service, SQL Error :	Manual Unitization 241: Call PPC
	Manual	Manual Heitination 242, Multiple Incoming	Manual Unitization 242: Multiple	
120	Manual Unitization 242	Manual Unitization 242: Multiple In-service,	In-service, Could not determine charge	Manual Unitization 242Call DDC
130	Unitization 242	Could not determine charge group type	group type	Manual Unitization 242Call PPC
				Manual Unitization 243: The estimates do not match the unit items and the WO is
				intended to allocate via estimates. Perhaps the
				unitize by account is on and you have a charge
				to 364 but no estimate for 364. You need to
				examine the WO estimates and the unit items in
			Manual Unitization 243: Allocation	the manual unitization window and to
		Manual Unitization 243: Allocation Type:	Type: Cannot allocate based on	determine and correct the problem. Again, the
	Manual	Cannot allocate based on estimates The	estimates The estimates do not	problem may be with COR/SLVG or CWIP and
131	Unitization 243	estimates do not match the unit items.	match the unit items.	neither will unitize until both can.
	1 11 11			Manual Unitization 244: This will most
				commonly occur when the user is adhering to
				utility account and have not directly assigned at
				least one charge to each of the accounts, or
			Manual Unitization 244: No basis	when the user is allocating based on standards
	Manual	Manual Unitization 244: No basis to perform	to perform allocation for, priority =	and the retirement unit does not have a record
132	Unitization 244	allocation for, priority =, account =	, account =	in the retire_unit_std table or the user has a

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				charge with a utility account but no
				estimate,etc. for that account.
				Manual Unitization 245: This will most
				commonly occur when the user is adhering to
				utility_account and have not directly assigned at
				least one charge to each of the accounts, or
				when the user is allocating based on standards
				and the retirement unit does not have a record
				in the retire_unit_std table or the user has a
100	Manual	Manual Unitization 245: No basis to perform	Manual Unitization 245: No basis	charge with a utility account but no
133	Unitization 245	allocation for, priority =	to perform allocation for, priority =	estimate,etc. for that account.
				Manual Unitization 246: The system
		Manual Heitingting 24C: Nagative dellar	Manual Haitiantian 246. Nanativa	control 'TOLERANCE FOR ESTIMATES'
		Manual Unitization 246: Negative dollar	Manual Unitization 246: Negative	determines the tolerance of negatives to
		amounts exist in the estimates that are greater	dollar amounts exist in the estimates	positives for allocation. If none is specified .1 is
	Manual	than the tolerance of percent of the positive dollar amounts. Cannot allocate remaining	that are greater than the tolerance of percent of the positive dollar amounts.	used. Either change the tolerance, correct charges on the WO possibly, or manually unitize
134	Unitization 246	charges.	Cannot allocate remaining charges.	the WO in question.
134	Officizacion 240	charges.	Manual Unitization 247: Cannot	the WO in question.
		Manual Unitization 247: Cannot allocate	allocate Charge Type: because a	Manual Unitization 247: In the allocation
		Charge Type: because a charge group being	charge group being allocated: \$	maintenance, there is an automatic allocation
	Manual	allocated: \$ exceeds the allocation limit of: \$	exceeds the allocation limit of: \$	limit specified for each charge type. Correct the
135	Unitization 247	Cannot allocate remaining charges.	Cannot allocate remaining charges.	limits, the charges or manually unitize.
		3 0		Manual Unitization 247: The appropriate
				standard cost information is missing and needs
		Manual Unitization 247: Cannot allocate	Manual Unitization 247: Cannot	to be corrected. Alternatively, you could
	Manual	based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:	manually unitize theWO or change the
136	Unitization 247	account =	, priority =, account =	allocation method being used if appropriate.
				Manual Unitization 248: The appropriate
				standard cost information is missing and needs
		Manual Unitization 248: Cannot allocate	Manual Unitization 248: Cannot	to be corrected. Alternatively, you could
	Manual	based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:	manually unitize theWO or change the
137	Unitization 248	account =	, priority =, account =	allocation method being used if appropriate.
				Manual Unitization 249: The appropriate
				standard cost information is missing and needs
		Manual Unitization 249: Cannot allocate	Manual Unitization 249: Cannot	to be corrected. Alternatively, you could
120	Manual	based on 0.00 standard hours:, priority =,	allocate based on 0.00 standard hours:	manually unitize theWO or change the
138	Unitization 249	account =	, priority =, account =	allocation method being used if appropriate.
	Maranal	Manual Unitization 250: Cannot allocate	Manual Unitization 250: Cannot	Manual Unitization 250: The appropriate
120	Manual	based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:	standard cost information is missing and needs
139	Unitization 250	account =	, priority =, account =	to be corrected. Alternatively, you could

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Manual Unitization 251: Cannot allocate based on 0.00 standard COR hours:, priority = house do n 0.00 standard COR hours:, priority = house based on 0.00 standard COR hours:, priority = house based on 0.00 standard COR hours:, priority = house based on 0.00 standard COR hours:, priority = house based on 0.00 standard COR hours:, priority =, account = Manual Unitization 252: We Find syntax error on the Allocation charge group. Manual Unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 252: Call PPC Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Completion dates. Manual Unitization 255: Cannot create pending transactions without In Service and Completion dates. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit.	ERROR ID	DESCRIPTION	LONG DESCRIPTION	ERROR REPORTED	ACTION
Manual Unitization 251: Cannot allocate based on 0.00 standard COR hours:, priority = had locate based on 0.00 standard COR hours:, priority = had locate based on 0.00 standard COR hours:, priority = had locate based on 0.00 standard COR hours:, priority = had locate based on 0.00 standard COR hours:, priority = had locate based on 0.00 standard COR hours:, priority = had locate based on 0.00 standard COR hours:, priority =, account = Manual Unitization 252: Cw Find syntax error on the Allocation charge group. Manual Unitization 252: Call PPC Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 253: No basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Completion dates. Manual Unitization 255: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Do not unitity the NON-UNITIZED retirement unit. Manual Unitization 251: Tenanot allocate based on 0.00 standard COR hours:, priority =, account = the allocation for manually unitization zest: Call PPC Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the user is allocating based on stan and the retirement unit does not have a to the perform allocation for, priority =, account = There are no charges in the transactions. Some charges have not been unitized on the pending transactions without in Service and Completion dates. Manual Unitization 256: Cannot create pending transactions without in Service and Completion dates. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retir	_			_	manually unitize theWO or change the
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Manual Unitization 251: Cannot allocate based on 0.00 standard COR hours:, priority =, account = dallocate based on 0.00 standard COR hours:, priority =, account = dallocate based on 0.00 standard COR hours:, priority =, account = dallocate based on 0.00 standard COR hours:, priority =, account = dallocate based on 0.00 standard COR hours:, priority =, account = dallocation manually unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 252 dw Find syntax error on the Allocation charge group. Manual Unitization 252: cdw Find syntax error on the Allocation charge group. Manual Unitization 253: No basis to perform allocation for, priority =, account = There allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Completion dates. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 257: Cannot create pending transactions for create pending transaction to the NON-UNITIZED create a unitization ADD transaction to the NON-UNITIZED create a unitization and the retirement unit. Manual Unitization 254: Cannot create a unitization 255: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions for create pending transactions for create pending transactions for create a unitization add the non-unitization and the retirement unit. Manual Unitization 254: Cannot create a unitization 255: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Uniti					Manual Unitization 251: The appropriate
Manual Unitization 251 Manual Unitization 252 Manual Unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Completion dates. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pendi					standard cost information is missing and needs
Manual Unitization 251 , account = Manual Unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 252: dw Find syntax error on the Allocation charge group. Manual Unitization 252: Call PPC Manual Unitization 252: Call PPC Manual Unitization 252: Call PPC Manual Unitization 253: This will mark commonly occur when the user is adhering utility, account and have not directly assigned to each of the accounts, when the user is allocating based on stan and the retirement unit does not have a concept of the user is allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without in Service and Completion dates. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 257: Cannot create pending transactions for Manual Unitization 256: Cannot create pending transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transaction to create pending transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transaction for Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions for Manual Unitization 256: Cannot create pending transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transaction for Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions for Manual Unitization 256: Cannot create pending transaction for Manual Unitization 256: Cannot create pendi			Manual Unitization 251: Cannot allocate	Manual Unitization 251: Cannot	to be corrected. Alternatively, you could
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Manual Unitization 253: No basis to perform Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Unitization 255: Cannot create a unitization 256: Cannot create pending transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create a unitization 257: Cannot c		Manual	Manual Unitization 252: dw Find syntax error	syntax error on the Allocation charge	
Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Manual Unitization 256: Cannot create a unitization 256: Cannot create a unitization 256: Cannot create a unitization 256: Cannot create pending transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create pending transactions for	141	Unitization 252	on the Allocation charge group.	group.	Manual Unitization 252: Call PPC
Manual Unitization 253: No basis to perform Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Completion dates. Manual Unitization 256: Cannot create a unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create a unitization 257: Cannot create pending transactions to create pending transactions to create pending transactions to create pending transactions without In Service and Completion dates. Manual Unitization 256: Cannot create a unitization 256: Cannot create a unitization 257: Cannot create a unitization 257: Cannot create pending transactions to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create a unitization 257: Cannot create pending transactions to the NON-UNITIZED retirement unit. Wanual Unitization 256: Cannot create a unitization 257: Cannot create pending transactions for					Manual Unitization 253: This will most
Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero.					commonly occur when the user is adhering to
Manual Unitization 253: No basis to perform Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Unitization 255: Cannot create a Unitization 256: Cannot create a Unitization 257: Cann					utility_account and have not directly assigned at
Manual Unitization 253: No basis to perform allocation for, priority =, account = There are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Unitization 255: Cannot create a unitization 255: Cannot create a unitization 256: Cannot create a unitization 257: Cannot create a unitization 256: Cannot create a unitization 257: Cannot create a					
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142 Unitization 253 are no charges in the basis or they sum to zero. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 254: Cannot create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Unitization 255: Cannot create pending transactions without In Service and Unitization 255: Cannot create pending transactions without In Service and Completion dates. Manual Unitization 256: Cannot create a unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED treatment unit. Manual Unitization 256: Cannot create a unitization 257: Cannot c			•		
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Manual Unitization 254 been unitized. Create pending transactions. Some charges have not been unitized. Manual Unitization 255: Cannot create pending transactions without In Service and Unitization 255: Cannot Create pending transactions without In Service and Unitization 255: Cannot Create pending transactions without In Service and Completion dates. Manual Unitization 256: Cannot Create a Unitization 256: Cannot Create a Unitization 256: Cannot Unitization 256: Cannot Create a Unitization 256: Cannot Create a Unitization 256: Cannot Create a Unitization 256: Do not unitization 257: Cannot Create pending transactions for Create pending transactions. Some Create pending transactions. Some Charges have not been unitized. Manual Unitization 255: Cannot Create pending transactions without In Service and Completion dates. Manual Unitization 256: Cannot Create a Unitization 256: Cannot Create a Unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 257: Cannot Create pending transactions for	142	Unitization 253		·	estimate,etc. for that account.
143 Unitization 254 been unitized. Charges have not been unitized. Manual Unitization 254: Call PPC Manual Unitization 255: Cannot create pending transactions without In Service and Unitization 255: Cannot create pending transactions without In Service and Completion dates. Manual Unitization 256: Cannot create a Unitization 256: Cannot create a Unitization 256: Cannot unitization 256: Cannot create a Unitization 256: Cannot create a Unitization 256: Cannot unitization 256: Do not unitization 256: Cannot create a Unitization 256: Do not unitization 257: Cannot create pending transactions for					
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Manual pending transactions without In Service and Completion dates. Manual Unitization 255 Manual Unitization 256: Cannot create a Unitization 256: Do not unitization 256: Cannot create a Unitization 256: Do not unitization 257: Cannot create pending transactions for	143	Unitization 254			Manual Unitization 254: Call PPC
144 Unitization 255 Completion dates. Manual Unitization 256: Cannot create a Manual Unitization ADD transaction to the NON-UNITIZED 145 Unitization 256 retirement unit. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Cannot create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 257: Cannot create pending transactions for					
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Manual unitization ADD transaction to the NON-UNITIZED create a unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 256: Do not unitization ADD transaction to the NON-UNITIZED retirement unit. Manual Unitization 257: Cannot create pending transactions for	144	Unitization 255	-	·	Service and Completion dates.
145 Unitization 256 retirement unit. the NON-UNITIZED retirement unit. the NON-UNITIZED retirement unit. Manual Unitization 257: Cannot create pending transactions for					
Manual Unitization 257: Cannot create pending transactions for					
create pending transactions for	145	Unitization 256	retirement unit.		the NON-UNITIZED retirement unit.
Manual Haiting 257, Connect annata			Manual Haitiantian 257. Connect annota		
Manual Unitization 257: Cannot create COR/Salvage No assets were found					
pending transactions for COR/Salvage No assets on the CPR for this Retire. Unit/Bus.			, -	-	Manual Heitigation 257, When weitige
			·		Manual Unitization 257: When unitizing
					COR/SLVG an asset must exist on the CPR matching the information provided so the
					correct depr group can be determined for
		Manual			closing the RWIP to the final reserve. Correct
146 Unitization 257 asset_location_id = usus_segment_id = sub_account_id = the data on the WO.	1/16				
Manual Unitization 258: Cannot	140	Gintization 237			the data on the wo.
Manual Unitization 258: Cannot create create Pending Transactions The			Manual Unitization 258: Cannot create		
Manual Pending Transactions The charge_type table is charge_type table is not filled in		Manual			
147 Unitization 258 not filled in properly. Manual Unitization 258: Call PPC	147				Manual Unitization 258: Call PPC

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ERROR ID	DESCRIPTION	LONG DESCRIPTION	ERROR REPORTED	ACTION
_		-	Manual Unitization 259: Cannot	
	Manual	Manual Unitization 259: Cannot create	create pending transactions with	
148	Unitization 259	pending transactions with missing reserve data.	missing reserve data.	Manual Unitization 259:Call PPC
			Manual Unitization 260: Cannot	
		Manual Unitization 260: Cannot create	create Pending Transactions ERROR:	
	Manual	Pending Transactions ERROR: inserting into	inserting into pend transaction memo:	
149	Unitization 260	pend transaction memo:		Manual Unitization 260: Call PPC
		· <u> </u>	Manual Unitization 261: Cannot	
		Manual Unitization 261: Cannot create	create Pending Transactions ERROR:	
	Manual	Pending Transactions ERROR: inserting into	inserting into	
150	Unitization 261	wo_unit_item_pend_trans:	wo_unit_item_pend_trans:	Manual Unitization 261: Call PPC
		Manual Unitization 262: Multiple Inservice	Manual Unitization 262: Multiple	
	Manual	Processing Failed, Pending Transactions Not	Inservice Processing Failed, Pending	
151	Unitization 262	Created	Transactions Not Created	Manual Unitization 262:Call PPC
			Manual Unitization 263: Pending	
		Manual Unitization 263: Pending Transaction	Transaction Posting Amount does not	
		Posting Amount does not balance with your Pend	balance with your Pend Transaction	
	Manual	Transaction Basis, transactions were not created.	Basis, transactions were not created.	
152	Unitization 263	Please contact PowerPlant Support	Please contact PowerPlant Support	Manual Unitization 263: Call PPC
-			Manual Unitization 264: Pending	
		Manual Unitization 264: Pending	Transactions and Pend Transaction	
		Transactions and Pend Transaction Basis do not	Basis do not line up, transactions were	
	Manual	line up, transactions were not created. Please	not created. Please contact PowerPlant	
153	Unitization 264	contact PowerPlant Support	Support	Manual Unitization 264: Call PPC
			Manual Unitization 265: This work	
		Manual Unitization 265: This work order	order cannot be unitized due to an	
	Manual	cannot be unitized due to an error in the	error in the f_unitization_audit function	Manual Unitization 265: Check the custom
154	Unitization 265	f unitization audit function !!!		f_unitization_audit function
10.	0200.	Manual Unitization 266: This work order	Manual Unitization 266: This work	
	Manual	cannot be unitized due to an error in the	order cannot be unitized due to an	Manual Unitization 266: Check the custom
155	Unitization 266	f wo audit tax function:	error in the f wo audit tax function:	f_wo_audit_tax function:
100	0200		Manual Unitization 267: This Joint	
			Work Order has Children with	
		Manual Unitization 267: This Joint Work	Gain/Loss Retirements. Gain/Loss	
		Order has Children with Gain/Loss Retirements.	Retirements cannont be processed in	
		Gain/Loss Retirements cannont be processed in	Joint Work Order. These work orders	Manual Unitization 267: These work
	Manual	Joint Work Order. These work orders will have to	will have to be unrelated and unitized	orders will have to be unrelated and unitized
156	Unitization 267	be unrelated and unitized seperately	seperately	seperately
130	5tization 207	and an elected and annually	Manual Unitization 268: There are	
		Manual Unitization 268: There are no valid	no valid asset locations for this work	Manual Unitization 268: Create valid valid
	Manual	asset locations for this work order's major	order's major location. This work order	asset locations for this work order's major
157	Unitization 268	location. This work order cannot be unitized.	cannot be unitized.	location.

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				Manual Unitization 269: Check your
				Property Unit Catalog as the property unit for
				the retirement unit specified has not been
				related to the Utility account and business
			Manual Unitization 269:	segment specified. Alternatively, bad data on
		Manual Unitization 269: WARNING: Cannot	WARNING: Cannot create unit item:	the WO may need to be corrected if the
	Manual	create unit item: Invalid RU/UA/BS combination:	Invalid RU/UA/BS combination://	unitization information given is wrong, e.g.
158	Unitization 269	// The retirement unit is:	The retirement unit is:	turbine should really not be in account 364.
				Manual Unitization 270: A property group
				must be related to both the property unit of the
			Manual Unitization 270:	retirement unit, and the function class of the
		Manual Unitization 270: WARNING: No valid	WARNING: No valid property groups	utility account. Either add the missing property
		property groups found for RU =, Func. Class =	found for RU =, Func. Class =	group relationship(s) or correct the WO data.
	Manual	Check tables PROP GROUP/PROP_UNIT and FUNC	Check tables PROP GROUP/PROP_UNIT	Check tables PROP GROUP/PROP_UNIT and
159	Unitization 270	CLASS/PROP GROUP	and FUNC CLASS/PROP GROUP	FUNC CLASS/PROP GROUP
				Manual Unitization 271: Tolerances can be
				used to make sure the amount of the WO is
			Manual Unitization 271: This work	within a specified percentage of the estimate. If
	N.A	Manual Unitization 271: This work order does	order does not pass the unitization	it falls outside the limits define, this error will
160	Manual	not pass the unitization tolerance. This work	tolerance. This work order cannot be	result. Correct estimates or charges or
160	Unitization 271	order cannot be unitized.	unitized.	tolerance.
				Manual Unitization 272: Check your Property Unit Catalog as the property unit for
				the retirement unit specified has not been
				related to the Utility account and business
			Manual Unitization 272:	segment specified. Alternatively, bad data on
		Manual Unitization 272: WARNING: Cannot	WARNING: Cannot create unit item:	the WO may need to be corrected if the
	Manual	create unit item: Invalid RU/UA/BS	Invalid RU/UA/BS combination:/	unitization information given is wrong, e.g.
161	Unitization 272	combination:/ The retirement unit is:	The retirement unit is:	turbine should really not be in account 364.
101	5111012001011 27 Z	committee of the feet control of the feet cont	Manual Unitization 273: Cannot	taliant should really hot be in decount 504.
		Manual Unitization 273: Cannot create unit	create unit item: Invalid RU/PG	Manual Unitization 273: Check the
	Manual	item: Invalid RU/PG combination:// Ret Unit	combination:// Ret Unit : Prop	property group/property unit combinations in
162	Unitization 273	: Prop Group :	Group:	table maintenance.
		1 1	•	Manual Unitization 274: A property group
				must be related to both the property unit of the
			Manual Unitization 274:	retirement unit, and the function class of the
		Manual Unitization 274: WARNING: No valid	WARNING: No valid property groups	utility account. Either add the missing property
		property groups found for RU =, Func. Class =	found for RU =, Func. Class = Check	group relationship(s) or correct the WO data.
	Manual	Check tables PROP GROUP/PROP_UNIT and FUNC	tables PROP GROUP/PROP_UNIT and	Check tables PROP GROUP/PROP_UNIT and
163	Unitization 274	CLASS/PROP GROUP	FUNC CLASS/PROP GROUP	FUNC CLASS/PROP GROUP

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			Automatic Non-Unitized 300:	
	Automatic	Automatic Non-Unitized 300: Work order	Work order cannot be non-unitized due	
	Non-Unitized	cannot be non-unitized due to an error in the	to an error in the	Automatic Non-Unitized 300: Check
164	300	f_non_unitization_audit function:	f_non_unitization_audit function:	custom f_non_unitization_audit function
			Automatic Non-Unitized 301:	
	Automatic	Automatic Non-Unitized 301: Work order	Work order cannot be processed due to	
	Non-Unitized	cannot be processed due to an error in the	an error in the f_wo_audit_tax	Automatic Non-Unitized 301: Check
165	301	f_wo_audit_tax function	function	custom function f_wo_audit_tax function
			Automatic Non-Unitized 302:	
		Automatic Non-Unitized 302: Work Order not	Work Order not processed because	
	Automatic	processed because there are already 101 or 106	there are already 101 or 106 Pending	
	Non-Unitized	Pending transaction additions. They must be	transaction additions. They must be	Automatic Non-Unitized 302: post or
166	302	posted or deleted	posted or deleted	delete the transactions
			Automatic Non-Unitized 303:	
	Automatic	Automatic Non-Unitized 303: Work Order not	Work Order not processed the Non	
	Non-Unitized	processed: the Non Unitized Account can not be	Unitized Account can not be the same	Automatic Non-Unitized 303: Fix the work
167	303	the same as the unitized account	as the unitized account	order accounts
			Automatic Non-Unitized 304: No	
	Automatic	Automatic Non-Unitized 304: No charges	charges have a utility account, there are	
	Non-Unitized	have a utility account, there are no 106 records on	no 106 records on the CPR and no	Automatic Non-Unitized 304: add a utility
168	304	the CPR and no estimates have a utility account	estimates have a utility account	account to one or more records in the estimates
	Automatic	,	, , , , , , , , , , , , , , , , , , ,	
	Non-Unitized	Automatic Non-Unitized 305: There are no	Automatic Non-Unitized 305:	Automatic Non-Unitized 305: Add
169	305	estimates	There are no estimates	estimates
			Automatic Non-Unitized 306:	
		Automatic Non-Unitized 306: Cannot create	Cannot create pending transactions	
	Automatic	pending transactions Work Order The Cwip	Work Order The Cwip 107 amount	
	Non-Unitized	107 amount does not equal the pending basis	does not equal the pending basis	
170	306	amount	amount	Automatic Non-Unitized 306: Call PPC
			Automatic Non-Unitized 307:	
		Automatic Non-Unitized 307: Cannot create	Cannot create pending transactions	
	Automatic	pending transactions Work Order No sub	Work Order No sub account exists for	
	Non-Unitized	account exists for Utility Account ID: and Bus	Utility Account ID: and Bus	Automatic Non-Unitized 307: add a sub
171	307	Segment ID:	Segment ID:	account to the sub account table
			Automatic Non-Unitized 308:	and the tries and account to the
		Automatic Non-Unitized 308: Cannot create	Cannot create pending transactions	
		pending transactions Work Order No Prop	Work Order No Prop Group found for	
	Automatic	Group found for Ret Unit ID: and Func Class	Ret Unit ID: and Func Class Id:	Automatic Non-Unitized 308: Check the
	Non-Unitized	Id: Check the Prop Group/Prop Unit and the	Check the Prop Group/Prop Unit and	'Prop Group/Prop Unit' and the 'Func Class/Prop
172	308	Func Class/Prop Group tables	the Func Class/Prop Group tables	Group' tables

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			Automatic Non-Unitized 309:	
	Automatic	Automatic Non-Unitized 309: Cannot create	Cannot create pending transactions	
	Non-Unitized	pending transactions Work Order No Asset	Work Order No Asset Location exists	Automatic Non-Unitized 309: add Asset
173	309	Location exists for Major Location ID:	for Major Location ID:	Location to the Major Location
	Automatic			
	Non-Unitized	Automatic Non-Unitized 310: Class Codes	Automatic Non-Unitized 310: Class	
174	310	Error adding where clause	Codes Error adding where clause	Automatic Non-Unitized 310: Call PPC
			Automatic Non-Unitized 311:	
		Automatic Non-Unitized 311: Pending	Pending Transaction Posting Amount	
		Transaction Posting Amount does not balance	does not balance with your Pend	
	Automatic	with your Pend Transaction Basis, transactions	Transaction Basis, transactions were	
	Non-Unitized	were not created. Please contact PowerPlant	not created. Please contact PowerPlant	
175	311	Support	Support	Automatic Non-Unitized 311: Call PPC
			Automatic Non-Unitized 312:	
		Automatic Non-Unitized 312: Pending	Pending Transactions and Pend	
	Automatic	Transactions and Pend Transaction Basis do not	Transaction Basis do not line up,	
	Non-Unitized	line up, transactions were not created. Please	transactions were not created. Please	
176	312	contact PowerPlant Support	contact PowerPlant Support	Automatic Non-Unitized 312: call PPC
	Automatic			
	Non-Unitized	Automatic Non-Unitized 313: Error updating	Automatic Non-Unitized 313: Error	
177	313	pending_transaction.	updating pending_transaction.	Automatic Non-Unitized 313: call PPC
	Automatic			
	Non-Unitized	Automatic Non-Unitized 314: Error updating	Automatic Non-Unitized 314: Error	
178	314	pending_basis.	updating pending_basis.	Automatic Non-Unitized 314: call PPC
	Automatic			
	Non-Unitized	Automatic Non-Unitized 315: Error updating	Automatic Non-Unitized 315: Error	
179	315	class_code_pending_trans.	updating class_code_pending_trans.	Automatic Non-Unitized 315: Call PPC
		POST 231: 106 reversal amount from	POST 231: ERROR 106 reversal	
		cpr_ledger is not equal to the balance from the	amount from cpr_ledger is not equal	
201	POST 231	individual depreciation table cpr_depr ,	to balance from cpr_depr ,	POST 231: Call PPC
		POST 232: invalid activity type in pending	POST 232: ERROR invalid activity	
202	POST 232	transaction	type in cpr_depr transaction	POST 232: Call PPC
		POST 233: Default life is zero or NULL in	POST 233: Default life is zero or	POST 233: Check the Utility Account in
203	POST 233	utility account	NULL in utility account	Table Naintenance
		POST 234: Default life is null or zero in	POST 234: Default life is null or	POST 234: Check Company Account Curves
204	POST 234	company account curves table	zero in company account curves table	data in table maintenance
		POST 235: Default life is Null or zero in	POST 235: Default life is Null or	POST 235: Check property unit in table
205	POST 235	property unit	zero in property unit	maintenance
			POST 236: Default life is null or	
		POST 236: Default life is null or zero in	zero in company account curves or	POST 236: Check data in Table
206	POST 236	company account curves or utility account	utility account	maintenance

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		POST 237: Error: Cannot Post to an	POST 237: Error: Cannot Post to an	
		individually depreciated asset after Depreciation	individual depr asset after Depreciation	POST 237: Defer or delete and reprocess
207	POST 237	has been approved for the month	has been approved for the month	later
		POST 238: Error: Cannot Post to a subledger	POST 238: Error: Cannot Post to a	
		after Depreciation has been approved for the	subledger after Depreciation has been	POST 238: Defer or delete and process
208	POST 238	month	approved for the month	later
		POST 239: cannot find major location from	POST 239: ERROR cannot find	
209	POST 239	the asset location	major location	POST 239: Check the location tables
		POST 240: cannot find the location type for	POST 240: ERROR cannot find	
210	POST 240	the major location	location type	POST 240: Check the location tables
			POST 241: Not enough info to	
		POST 241: Not enough info to determine	determine depr group from	
		depr group from depr_group_control or depr	depr_group_control or depr group is	POST 241: Check the depr group control
211	POST 241	group is invalid	invalid	table. Also make sure the depr group is valid
		POST 243: Depr Group Business Segment is	POST 243: ERROR Depr Group	POST 243: Assign a Business Segment to
213	POST 243	NULL	Business Segment is NULL	the Depr Group
		POST 244: The Asset's Business Segment is	POST 244: ERROR Asset Business	POST 244: The business segment for the
		not equal to the Depr Group's Business Segment	Segment <> Depr Group Business	asset and the business segment for the depr
214	POST 244		Segment	group must be equal
		POST 245: Cannot Post to an individually	POST 245: Error: Cannot Post to an	
		depreciated asset after Depreciation has been	individual depr asset after Depreciation	POST 245: Defer or delete the transaction
215	POST 245	approved for the month	has been approved for the month	and process it later
			POST 246: Error: Cannot Post to a	
		POST 246: Cannot Post to a subledger after	subledger after Depreciation has been	POST 246: Defer or delete the transaction
216	POST 246	Depreciation has been approved for the month	approved for the month	and process it later
		POST 247: The subledger type for the Depr	POST 247: Error: Depr Group	
		Group is not equal to the subledger type in the	subledger type is not equal to the	POST 247: Check the depreciation group
217	POST 247	transaction	transaction subledger type	subledger indicator
		POST 249: Cannot find the company number	POST 249: ERROR Cannot find the	
218	POST 249	from the company table	company number	POST 249: Check the Company table
		POST 250: Cannot find the work order Id for		
		the work order number and company in the	POST 250: ERROR Cannot find the	
219	POST 250	transaction	work order Id	POST 250: Call PPC
		POST 251: Reserve Debit Account not Found	POST 251: Error: Reserve Debit	
220	POST 251	in the depreciation group	Account not Found	POST 251: Check depr group
		POST 252: Error: Retirement Debit Account	POST 252: Error: Retirement Debit	
221	POST 252	not Found in the depreciation group	Account not Found	POST 252: Check depr group
		POST 253: Error: Retirement Credit Account	POST 253: Error: Retirement	
222	POST 253	not Found in the depreciation group	Credit Account not Found	POST 253: check the depreciation group
		POST 254: Reserve Debit Account not Found	POST 254: Error: Reserve Debit	
223	POST 254	in the depreciation group	Account not Found	POST 254: check the depreciation group

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		POST 255: Credit Account for cost of removal	POST 255: Error: Credit Account	
224	POST 255	not Found in the depreciation group	for cost of removal not Found	POST 255: Check the depreciation group
		POST 256: Debit Account for cost of removal	POST 256: Error: Debit Account	
225	POST 256	not Found in the depreciation group	for cost of removal not Found	POST 256: check the depreciation group
		POST 257: Credit Account for cost of removal	POST 257: Error: Credit Account	
226	POST 257	not Found in the depreciation group	for cost of removal not Found	POST 257: check the depreciation group
		POST 258: salvage Debit Account not Found	POST 258: Error: salvage Debit	
227	POST 258	in the depreciation group	Account not Found	POST 258: check the depreciation group
		POST 259: Credit Account for salvage not	POST 259: Error: Credit Account	
228	POST 259	Found in the depreciation group	for salvage not Found	POST 259: check the depreciation group
		POST 260: salvage Debit Account not Found	POST 260: Error: salvage Debit	
229	POST 260	in the depreciation group	Account not Found	POST 260: check the depreciation group
		POST 261: salvage Credit Account not Found	POST 261: Error: salvage Credit	
230	POST 261	in the depreciation group	Account not Found	POST 261: check the depreciation group
		POST 262: gain/loss Debit Account not	POST 262: Error: gain/loss Debit	
231	POST 262	Found in the depreciation group	Account not Found	POST 262: check the depreciation group
		POST 263: Credit Account for gain/loss not	POST 263: Error: Credit Account	
232	POST 263	Found in the depreciation group	for gain/loss not Found	POST 263: check the depreciation group
		POST 264: gain/loss Debit Account not	POST 264: Error: gain/loss Debit	
233	POST 264	Found in the depreciation group	Account not Found	POST 264: check the depreciation group
		POST 265: gain/loss Credit Account not	POST 265: Error: gain/loss Credit	
234	POST 265	Found in the depreciation group	Account not Found	POST 265: check the depreciation group
		POST 266: Cannot find the 'FROM' company	POST 266: ERROR Cannot find the	
235	POST 266	number in the company table	'FROM' company number	POST 266: check the company table
		POST 267: Cannot find the 'TO' company	POST 267: ERROR Cannot find the	
236	POST 267	number in the company table	'TO' company number	POST 267: check the company table
		POST 268: GL Je code missing from the	POST 268: Error: GL Je code	
237	POST 268	transaction	missing from transaction	POST 268: Call PPC
		POST 269: Cannot Find Receivable GL	POST 269: Error: Cannot Find	
238	POST 269	account in the GL account table	Receivable GL account	POST 269: check the GL account table
		POST 270: Cannot Find Payable GL account	POST 270: Error: Cannot Find	
239	POST 270	in the GL account table	Payable GL account	POST 270: check the GL account table
		POST 271: Transfer_to Debit Account not		
		Found in the Oracle customized stored procedure	POST 271: Error: Transfer_to	POST 271: Check the Oracle customized
240	POST 271	pp_gl_transaction for entry 1010	Debit Account not Found	stored procedure pp_gl_transaction entry 1010
		POST 272: Transfer_from Credit Account not		
		Found in the Oracle customized stored procedure	POST 272: Error: Transfer_from	POST 272: Check the Oracle customized
241	POST 272	pp_gl_transaction for entry 1011	Credit Account not Found	stored procedure pp_gl_transaction entry 1011
		POST 273: Transfer_to life reserve Debit	POST 273: Error: Transfer_to life	POST 273: Check the Oracle customized
242	POST 273	Account not Found in the Oracle customized	reserve Debit Account not Found	stored procedure pp_gl_transaction entry 1018

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		stored procedure pp_gl_transaction for entry 1018	_	
		POST 274: Transfer_to life reserve credit		
		Account not Found in the Oracle customized		
		stored procedure pp_gl_transaction for entry	POST 274: Error: Transfer_to life	POST 274: Check the Oracle customized
243	POST 274	1019	reserve credit Account not Found	stored procedure pp_gl_transaction entry 1019
		POST 275: Transfer_from cor reserve Debit		
		Account not Found in the Oracle customized		
		stored procedure pp_gl_transaction for entry	POST 275: Error: Transfer_from	POST 275: Check the Oracle customized
244	POST 275	1020	cor reserve Debit Account not Found	stored procedure pp_gl_transaction entry 1020
		POST 276: Transfer_from cor reserve Credit		
		Account not Found in the Oracle customized		
		stored procedure pp_gl_transaction for entry	POST 276: Error: Transfer_from	POST 276: Check the Oracle customized
245	POST 276	1021	cor reserve Credit Account not Found	stored procedure pp_gl_transaction entry 1021
		POST 277: Intercompany Transfer_to Debit		
		Account not Found in the Oracle customized		
		stored procedure pp_gl_transaction for entry	POST 277: Error: Intercompany	POST 277: Check the Oracle customized
246	POST 277	1014	Transfer_to Debit Account not Found	stored procedure pp_gl_transaction entry 1014
		POST 278: Intercompany Transfer_from		
		Credit Account not Found in the Oracle	POST 278: Error: Intercompany	
		customized stored procedure pp_gl_transaction	Transfer_from Credit Account not	POST 278: Check the Oracle customized
247	POST 278	for entry 1015	Found	stored procedure pp_gl_transaction entry 1015
			POST 279: Error: ARO book	
248	POST 279	POST 279: ARO book summary not found	summary not found	POST 279: Check book summary
		POST 280: cwip_gl_account Credit Account	POST 280: Error: Credit Account	
249	POST 280	Code not Found in work order account	Code not Found	POST 280: Check work order account
		POST 281: ARO Credit Account Code not	POST 281: Error: ARO Credit	
250	POST 281	Found	Account Code not Found	POST 281: Check GL accounts
		POST 282: Addition Debit Account not		
		Found in the Oracle customized stored procedure	POST 282: Error: Addition Debit	POST 282: Check the Oracle customized
251	POST 282	pp_gl_transaction for entry 1000	Account Code not Found	stored procedure pp_gl_transaction entry 1000
		POST 283: Addition Credit Account not		
		Found in the Oracle customized stored procedure	POST 283: Error: Addition Credit	POST 283: Check the Oracle customized
252	POST 283	pp_gl_transaction for entry 1001	Account Code not Found	stored procedure pp_gl_transaction entry 1001
		POST 284: Addition ARO Debit Account not		POST 284: Check the Oracle customized
		Found in the Oracle customized stored procedure	POST 284: Error: Addition ARO	stored procedure pp_gl_transaction2 entry
253	POST 284	pp_gl_transaction2 for entry 1016	Debit Account Code not Found	1016
		POST 285: Addition ARO credit Account not		POST 285: Check the Oracle customized
		Found in the Oracle customized stored procedure	POST 285: Error: Addition ARO	stored procedure pp_gl_transaction2 entry
254	POST 285	pp_gl_transaction2 for entry 1017	credit Account Code not Found	1017
		POST 230:Work order number cannot be null	POST 230: Error: Work order	
255	POST 230	in the pending transactions	number cannot be null	POST 230: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				POST 286: Check the Oracle customized
		POST 286: External Credit Account Code is	POST 286: Error: External Credit	stored procedure pp_gl_transaction or
256	POST 286	NULL	Account Code is NULL	pp_gl_transaction2
				POST 288: Check the Oracle customized
		POST 288: External Debit Account Code is	POST 288: Error: External Debit	stored procedure pp_gl_transaction or
257	POST 288	NULL	Account Code is NULL	pp_gl_transaction2
		POST 300: Error produced directly in the		POST 300: Check the Oracle customized
		customized stored procedure pp_gl_transaction	POST 300: Error from Customized	stored procedure pp_gl_transaction and
258	POST 300	or pp_gl_transaction2	Oracle procedure	pp_gl_transaction2
		POST 289: Cannot find the work order Id for	POST 289: ERROR Cannot find the	11202
259	POST 289	this company and work order number	work order Id for this company	POST 289: Call PPC
		POST 290: Cannot find special code for the	POST 290: ERROR Cannot find	
260	POST 290	work order lookup	special code for the work order lookup	POST 290: Call PPC
		POST 291: Credit Account Missing in Adjust	POST 291: Error: Credit Account	POST 291: Choose a credit account when
261	POST 291	Pending Transaction	Missing in Adjust Pending Transaction	making the adjustment transaction
		POST 292: Adjust Debit Account not Found in		0
		the Oracle customized stored procedure	POST 292: Error: Adjust Debit	POST 292: Check the Oracle customized
262	POST 292	pp_gl_transaction for entry 1012	Account Code not Found	stored procedure pp_gl_transaction entry 1012
		POST 293: Adjust Credit Account not Found	7 toodant Couc not round	500.00 p. 600000.0 pp_8c. a6000.0 c y 2022
		in the Oracle customized stored procedure	POST 293: Error: Adjust Credit	POST 203: Check the Oracle customized
263	POST 293	pp_gl_transaction for entry 1013	Account Code not Found	stored procedure pp_gl_transaction entry 1013
		pp_8	POST 301: Error: The posting	stored procedure pp_8transaction entry 1010
		POST 301: The posting quantity cannot make	quantity cannot make the asset	POST 301: Check the system control 'POST
264	POST 301	the asset quantity negative	quantity negative	NEGATIVE QUANTITY
201	1 031 301	the asset quantity negative	POST 302: Error: The posting	TEGATIVE GOARTITI
		POST 302: The posting amount cannot make	amount cannot make the asset amount	POST 302: check the system control 'POST
265	POST 302	the asset amount negative	negative	NEGATIVE AMOUNT'
203	1 031 302	the asset amount negative	POST 303: Error: The posting	NEG/TIVE /IWOOTT
		POST 303: The posting amount cannot over	amount cannot over retire or over	POST 303: Check the system control 'OVER
266	POST 303	retire or over transfer	transfer	RETIRE'
200	1 031 303	retire of over transfer	POST 305: ERROR mortality rate is	KETIKE
267	POST 305	POST 305: mortality rate is null	null	POST 305: Call PPC
207	F031 303	rost sos. Mortality fate is fidil	POST 306: ERROR mortality rate	POST 306: Recalculate mortality memory
268	POST 306	POST 306: mortality rate is zero	is zero	from the CPR control window
200	FU31 300	r O31 300. Illustrality rate is zero	POST 308: ERROR : The	ITOTI THE CENTROLINION
		POST 308: The replacement amount needs	replacement amount needs to be given	
		to be given as a positive number in	as a positive number in	POST 308: Check the replacement amount
269	POST 308	pend transaction	pend transaction	in the work order estimate
209	PUST 308		 ' 	
		POST 309: No valid mass headers can be	POST 309: ERROR: No valid mass	POST 309: Check the CPR assets being
270	DOCT 200	found to retire from. (The cost or quantities may	headers can be found to retire from.	retired. Other transactions being psoted may
270	POST 309	be zero.	(The cost or quantities may be zero.	have an effect

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			POST 310: Error: Mortality	
		POST 310: Mortality Memory Table record	Memory Table record missing for asset	POST 310: Recalculate mortality memory
271	POST 310	missing for asset .	,asset	from the CPR control window
			POST 311: ERROR : Cannot find hw	POST 311: Recalculate mortality memory
272	POST 311	POST 311: Cannot find hw factor for asset.	factor for asset.	from the CPR control window
			POST 312: ERROR : Cannot find hw	POST 312: Recalculate mortality memory
273	POST 312	POST 312: Cannot find hw factor for asset.	factor for asset.	from the CPR control window
			POST 313: ERROR : Cannot find hw	POST 313: Recalculate mortality memory
274	POST 313	POST 313: Cannot find hw factor for asset.	factor for asset.	from the CPR control window
			POST 314: ERROR : Cannot find hw	POST 314: Recalculate mortality memory
275	POST 314	POST 314: Cannot find hw factor for asset.	factor for asset.	from the CPR control window
			POST 315: Error: Mortality	
		POST 315: Mortality Memory Table record	Memory Table record missing for asset	POST 315: Recalculate mortality memory
276	POST 315	missing for asset	,asset	from the CPR control window
		POST 316: projected mortality is NULL or	POST 316: Error: projected	POST 316: Recalculate mortality memory
277	POST 316	negative	mortality is NULL or negative	from the CPR control window
		POST 317: current mortality is NULL or	POST 317: Error: current mortality	POST 317: Recalculate mortality memory
278	POST 317	negative	is NULL or negative	from the CPR control window
			POST 318: Error: mortality rate is	POST Recalculate mortality memory from
279	POST 318	POST 318: mortality rate is NULL	NULL	the CPR control window
			POST 319: ERROR: retirement	
		POST 319: retirement quantity is greater	quantity is greater than total	
280	POST 319	than total quantity remaining	quantity remaining,	POST 319: call PPC
			POST 320: ERROR: retirement	
		POST 320: retirement quantity is greater	quantity is greater than total	
281	POST 320	than total quantity remaining,	quantity remaining,	POST 320: Call PPC
			POST 321: ERROR: Too many	
		POST 321: Too many passes on final	passes on final iteration to determine	
282	POST 321	iteration to determine retirement quantities	retirement quantities	POST 321: call PPC
			POST 322: ERROR:	POST 322: Recalculate mortality memory
283	POST 322	POST 322: total_projected_mortality is zero	total_projected_mortality is zero	from the CPR control window
			POST 323: Error: The projected	
		POST 323: The projected mortality only	mortality only allows items to be	POST 323: Recalculate mortality memory
		allows items to be retired. The remaining	retired.The remaining items need a	from the CPR control window or switch to a
284	POST 323	items need a specific retirement.,	specific retirement.,	specific retirement
			POST 324: Internal Error: sum of	
		POST 324: Internal Error: sum of vintaged	vintaged quantities is not equal to	
285	POST 324	quantities is not equal to posting quantity	posting quantity,	POST 324: Call PPC
			POST 325: ERROR: hw_factors[i] is	POST 325: Recalculate mortality memory
286	POST 325	POST 325: hw_factors[i] is zero	zero	from the CPR control window

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		POST 326: Remaining amount = is	POST 326: ERROR: Remaining	
287	POST 326	negative,	amount = is negative,	POST 326: Call PPC
		POST 327: ERROR: Remaining quantity	POST 327: ERROR: Remaining	
288	POST 327	= is negative,	quantity = is negative,	POST 327:call PPC
			POST 328: Error: The posting	
		POST 328: The posting quantity cannot make	quantity cannot make the asset	POST 328: See system control 'POST
289	POST 328	the asset quantity negative	quantity negative	NEGATIVE QUANTITY'
		, , ,	POST 329: Error: The posting	
		POST 329: The posting amount cannot make	amount cannot make the asset amount	POST 329: See system control 'POST
290	POST 329	the asset amount negative	negative	NEGATIVE AMOUNT'
			POST 330: ERROR : First set of	
		POST 330: First set of books amount does	books amount does not equal	
291	POST 330	not equal retirement amount	retirement amount ,	POST 330: Call PPC,
	1 001 000	not equal retirement amount	Teament amount my	POST 335: Check interface logic if
		POST 335: number of retirements must be	POST 335: ERROR: number of	transactions come from an interface. If not, call
292	POST 335	negative for Mass retirement procressing	retirements must be negative	PPC
232	1 0 3 1 3 3 3	POST 336: Cannot determine the retirement	POST 336: ERROR : Cannot	
293	POST 336	method from the property unit	determine the retirement method	POST 336: Check the property unit
233	1031 330	method from the property unit	POST 337: ERROR : Cannot do	rost sso. Check the property unit
		POST 337: Cannot do Mass Retirements for	Mass Retirements for Curve Auto or	POST 337: Check the retirement method
294	POST 337	Curve Auto or Life Auto Retire Methods	Life Auto Retire Methods	for the property unit
234	PO31 337	POST 338: Posting amount, if given, must be		POST 338: Check interface logic if
			POST 338: ERROR: Posting	transaction comes from an interface.lf not ,call
205	DOCT 220	negative for specific retirement against a mass	amount, if given, must be negative for	PPC
295	POST 338	asset	specific retirement	
		POST 220. Accept allow fourth a transactions	POST 339: Error: Asset not	POST 339: Check the interface if the
206	DOST 220	POST 339: Asset given for the transactions	found for a specific Mass Retirement ,	transaction comes from an interface. If not, call
296	POST 339	is not a CPR asset	ldg_asset_id	PPC
		POST 340: No valid mass headers can be	POST 340: ERROR : No valid mass	POST 340: Check the CPR assets being
	200-010	found to retire from. (The cost or quantities may	headers can be found to retire from.	retired. Other transactions being psoted may
297	POST 340	be zero.	(The cost or quantities may be zero.	have an effect
				POST 341: Check interface code if
		POST 341: Asset Id for this specific	POST 341: Error: Asset Id can not	transaction comes from an interface. If not, call
298	POST 341	retirement is not found in the CPR Ledger	be found for this specific retirement	PPC
				POST 342: Check interface code if
		POST 342: Asset Id for this specific	POST 342: Error: Asset not	transaction comes from an interface. If not, call
299	POST 342	retirement is not found in the CPR Ledger	found , ldg_asset_id	PPC
			POST 343: Error: Mortality	
		POST 343: Mortality Memory Table record is	Memory Table record is missing for this	POST 343: Recalculate mortality memory
300	POST 343	missing for this asset	asset	from the CPR control window
			POST 344: Error: Mortality	
		POST 344: Mortality Memory Table record	Memory Table record missing for asset	POST 344: Recalculate mortality memory
301	POST 344	missing for asset	,asset	from the CPR control window

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302		2007.047		
		POST 345: projected mortality is NULL or	POST 345: Error: projected	POST 345: Recalculate mortality memory
200	POST 345	negative	mortality is NULL or negative	from the CPR control window
222		POST 346: current mortality is NULL or	POST 346: Error: current mortality	POST 346: Recalculate mortality memory
303	POST 346	negative	is NULL or negative	from the CPR control window
			POST 347: Error: mortality rate is	POST 347: Recalculate mortality memory
304	POST 347	POST 347: mortality rate is NULL	NULL	from the CPR control window
		,	POST 348: Error: Cannot Read	
305	POST 348	POST 348: Cannot Find CPR Assets to FIFO	Assets to FIFO	POST 348: Check the CPR records
			POST 349: ERROR: retirement	
		POST 349: retirement quantity is greater	quantity is greater than total	
306	POST 349	than total quantity remaining	quantity remaining,	POST 349: call PPC
300		than total quantity remaining	POST 350: ERROR: retirement	
		POST 350: retirement quantity is greater	quantity is greater than total	
307	POST 350	than total quantity remaining	quantity remaining,	POST 350: call PPC
307	1 031 330	than total quantity remaining	POST 351: ERROR: retirement	1031 330. син 110
		POST 351: retirement quantity is greater	quantity is greater than total	
308	POST 351	than total quantity remaining	quantity is greater than total	POST 351: call PPC
306	PO31 331	than total quantity remaining	POST 352: ERROR: Too many	PO31 331. Call PPC
		DOCT 252. Too many passes on final	,	
200	DOCT 252	POST 352: Too many passes on final	passes on final iteration to determine	DOCT 252, call DDC
309	POST 352	iteration to determine retirement quantities	retirement quantities	POST 352: call PPC
24.0	DOST 252	DOCT OF A LABOR LABOR.	POST 353: ERROR:	POST 353: Recalculate mortality memory
310	POST 353	POST 353: total_projected_mortality is zero	total_projected_mortality is zero	from the CPR control window
			POST 354: Error: The projected	
		POST 354: The projected mortality only	mortality only allows items to be	POST 354: Recalculate mortality memory
		allows items to be retired. The remaining	retired.The remaining items need a	from the CPR control window or switch to a
311	POST 354	items need a specific retirement.,	specific retirement.,	specific retirement
			POST 355: Internal Error: sum of	
		POST 355: Internal Error: sum of vintaged	vintaged quantities is not equal to	
312	POST 355	quantities is not equal to posting quantity	posting quantity,	POST 355: call PPC
		POST 356: Remaining amount = is	POST 356: ERROR: Remaining	
313	POST 356	negative,	amount = is negative,	POST 356:call PPC
		POST 357: Remaining quantity = is	POST 357: ERROR: Remaining	
314	POST 357	negative,	quantity = is negative,	POST 357: call PPC
			POST 358: Error: The posting	
		POST 358: The posting quantity cannot make	quantity cannot make the asset	POST 358: See system control 'POST
315	POST 358	the asset quantity negative	quantity negative	NEGATIVE QUANTITY'
			POST 359: Error: The posting	
		POST 359: The posting amount cannot make	amount cannot make the asset amount	POST 359: See system control 'POST
316	POST 359	the asset amount negative	negative	NEGATIVE AMOUNT'
		POST 360 : The posting amount cannot over	POST 360: Error: The posting	
317	POST 360	retire	amount cannot over retire	POST 360: See system control 'Over Retire

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			POST 361: ERROR : First set of	
		POST 361: First set of books amount does	books amount does not equal	
318	POST 361	not equal retirem amount	retirem amount ,	POST 361: Call PPC
			POST 362: Error: cannot	
		POST 362: cannot Determine reserve factor	Determine reserve factor for asset,	
319	POST 362	for asset	asset	POST 362: Call PPC
			POST 363: Error: cannot	
		POST 363: cannot Determine reserve factor	Determine reserve factor for asset,	
320	POST 363	for asset	asset	POST 363: Call PPC
			POST 364: ERROR: total_cost is	
321	POST 364	POST 364: total_cost is zero	zero	POST 364: Call PPC
			POST 365: Error: Cannot retire	
		POST 365: Cannot retire from the parent	from the parent related asset. The	
		related asset. The retire ratio is negative or more	retire ratio is negative or more than 1	
		than 1 because the sum of the children related	because the sum of the children related	
322	POST 365	assets is,	assets is,	POST 365: call PPC
		POST 366: Cannot determine the automatic	POST 366: Error: cannot determine	
		close work order for the related asset from the	the automatic close work order for the	
323	POST 366	company table	related asset, related_asset	POST 366: Check the company table
			POST 367: ERROR:	POST 367: Check Utility Account table and
		POST 367: mortality_curve_id or expected	mortality_curve_id or expected life not	check system control 'MORTALITY CURVE
324	POST 367	life not found from utility_account table	found from utility_account table	ACCOUNT LOOKUP'
				POST 368: Check
			POST 368: ERROR:	company_account_curves table and check
		POST 368: mortality_curve_id or expected	mortality_curve_id or expected life not	system control 'MORTALITY CURVE ACCOUNT
325	POST 368	life not found from company_account_curves	found from company_account_curves	LOOKUP'
			POST 369: ERROR:	POST 369: Check retirement unit table
		POST 369: mortality_curve_id or expected	mortality_curve_id or expected life not	and check system control 'MORTALITY CURVE
326	POST 369	life not found from retirement unit	found from retirement unit	ACCOUNT LOOKUP'
				POST 370: check system control
			POST 370: ERROR: expected_life is	'MORTALITY CURVE ACCOUNT LOOKUP' and
327	POST 370	POST 370: expected_life is zero	zero	then check the table being referenced
		POST 371: (after_point1 - before_point1 is	POST 371: ERROR: (after_point1 -	
328	POST 371	zero	before_point1 is zero	POST 371: Call PPC
			POST 372: ERROR : projected	POST 372: Recalculate mortality memory
329	POST 372	POST 372: projected mortality is negative	mortality is negative	from the CPR control window
			POST 100: Error: Work Order	POST 100: Call PPC. There is an error in the
		POST 100: The Work Order number in the	number cannot be null in	PowerPlant base code or in a customized
330	POST 100	pend_transaction table cannot be null	pend_transaction	interface that produces the pend_transaction.
				POST 108: Call PPC. The version of the post
		POST 108: The Post code has an internal	POST 108: Post Code does not	program being executed does not correspond to
331	POST 108	version number that does not t match the	match DB Post ,	the database setting. Either your are running an

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		database post_version column in the pp_version		incorrect post program, or the database setting
		table		must be changed.
		POST 102: There is more than one Work	POST 102: Error: There is more	POST 102: Call PPC. A work Order Number
		Order Id in the work_order_control table for this	than one Work Order Id for this Work	must correspond to a unique work_order_id for
333	POST 102	Work Order Number and Company	Order and Company	a given company
		POST 104: This Work Order does not exist in	POST 104: Error: Cannot find	POST 104: Call PPC. For a Work Order to
		the work_order_control table for the company in	work_order_id for this company for	be posted it must exist in the
335	POST 104	the the pending transaction	Work Order	work_order_control table
		POST 105: The asset id in the ldg_asset_id		POST 105: Call PPC. If an asset id is given in
		column in the pend_transaction table is not a CPR	POST 105: Error: asset from	the pend_transaction table, it must exist in the
336	POST 105	asset	pend transaction is not on CPR,	CPR
		POST 106: A specific retirement or transfer	POST 106: Error: asset id not given	POST 106: Call PPC. A specific retirement or
337	POST 106	transaction must have an asset id	for Transaction trans id =	transfer transaction must have an asset id
		POST 110: Either the CPR cost is zero for this	POST 110: ERROR Cannot	POST 110: Check the CPR Ledger Cost. If it
		asset, or other transactions in the set of	Retire:Asset Cost is zero. Other	is not zero, check the other transactions being
		transactions being posted may have decreased	retirements in this batch may have	posted. One or more of them may affect the
338	POST 110	the asset cost already	retired the asset already	same asset.
				POST 107: Call PPC. If the system flag
		POST 107: There is no pend_basis record for	POST 107: ERROR Missing	Input retirement Basis' is set to True , the
		the retirement , but the system flag ' Input	pend_basis record, but system flag -	retirement transaction has to have a pend_basis
339	POST 107	retirement Basis' is set to True	Input retirement Basis - is True	record
		POST 109: The transaction requires a	POST 109: ERROR Missing	POST 109: Call PPC. There must be a
340	POST 109	pend_basis record.	pend_basis record	pend_basis record for this transaction
		POST 111: Pend Basis record is Zero but the	POST 111: ERROR Input Basis is	POST 111: Call PPC. Pend Basis record is
		system control 'Input Retirement Basis' is set to	Zero but Input Retirement Basis Flag is	Zero but the system control 'Input Retirement
341	POST 111	true	true	Basis' is set to true
		POST 112: The sum of the book basis		POST 112: Call PPC. The sum of the book
		amounts in pend_basis does not equal the posting	POST 112: ERROR: Input Basis	basis amounts in pend_basismust equal the
342	POST 112	amount in pend_transaction	does not equal the posting amount,	posting amount in pend_transaction
		POST 113: If the gain_loss column in		
		pend_transaction is NULL and Post needs to	POST 113: Error: Cannot compute	
		compute the gain_loss for the first set of books,	gain/loss for the first set of booksince	
		then the salvage_returns, salvage_cash,	salvage_returns, salvage_cash, or	
		cost_of_removal or reserve_credits in	cost_of_removal is null or	
343	POST 113	pend_transaction cannot be NULL	reserve_credits is null	POST 113: Call PPC.
		POST 114: POST 113: If Post needs to	POST 114: Error: Cannot compute	
		compute the gain_loss for another set of books,	gain/loss for other set of books since	
		then the salvage_returns, salvage_cash,	salvage_returns, salvage_cash, or	
		cost_of_removal or reserve_credits in	cost_of_removal or reserve_credits is	
344	POST 114	pend_transaction cannot be NULL	null	POST 114: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
_		POST 115: A subledger retirement	POST 115: Error: A subledger	POST 115: Chech the asset accounting
		transaction must have a specific retirement	retirement must have a specific	method and the retirement method for the
345	POST 115	method	retirement method	property unit
			POST 116: Error: Estimated	
		POST 116: Estimated Retirements cannot be	Retirements cannot be processed for	
		processed for Subledger or Individually	Subledger or Individually Depreciated	
346	POST 116	Depreciated Assets	Assets	POST 116: Call PPC
		POST 117: Missing depr group Id for 'TO'		
		transfer transaction. Both the 'FROM' and the 'TO'	POST 117: Error: Missing depr	
347	POST 117	transfer transaction must have a depr group id.	group Id for 'TO' transaction	POST 117: Call PPC
		POST 118:Missing asset Id for subledger	POST 118: Error: Missing asset Id	
348	POST 118	item-to-item transfer	for subledger item-to-item transfer	POST 118: Call PPC
				POST 119: Either this is minor transfer
				where the 'TO' asset is the same as the 'FROM'
			POST 119: Error: Cannot transfer	asset, or this is a transfer of a MASS asset back
349	POST 119	POST 119: Cannot transfer an asset to itself.	an asset to itself	to itself
				POST 120: The 'TO' depr group is
				determined when the transaction is created. If
				the depr group control table is changed before
		POST 120: The depr group in the 'TO' Pend	POST 120: Error: The to depr group	the transaction is posted, the depr group to be
		transaction is not equal to the 'TO' depr group	in Pend transaction is not equal to	assigned to the asset may now be different. You
350	POST 120	recalculated by POST.	the to computed depr group,	may need to delete and recreate the transfer
				POST 121: Run the Balancing Alerts
		POST 121:If the system control "POST		between depr ledger and cpr ledger to see if
		BALANCE DEPR TRANSFERS' is set to true, POST		there is a problem independently of these
		will balance ALL the book transfers in and book	POST 121: Error: Depr Ledger book	transactions. If there is a problem but you still
		transfers out in depr ledger for the transfer	transfers in not equal transfers out	want to post this transfer, turn off the system
351	POST 121	companies.	for the transfer companies ,	switch
		POST 123: The FROM TRANSFER Transaction		POST 123: Call PPC. Both the 'FROM' and
		is missing when the 'TO' transfer is being	POST 123: Error: Missing FROM	the 'TO' transaction must be present when
353	POST 123	processed.	TRANSFER Transaction	either is being posted.
			POST 124: Error: The depr group	
		POST 124: The depr group cannot be	cannot be determined. It's either or	POST 124: Check the depr group control
		determined perhaps because of the subledger	Check the subledger indicator in	settings and the depr group seetings for the
354	POST 124	indicator setting in the depr group	usage.,	subledger indicator
		POST 125: If the system control 'POST		
		BALANCE CWIP 106' is set to true, the CWIP 106		
		balance must equal the CPR 106 balance for this	POST 125: Error: CWIP 106 not	POST 125: Call PPC. This may be a
355	POST 125	work order.	equal to CPR 106 ,	conversion problem
			POST 126: Error: The retirement	POST 126: Check the retirement method
		POST 126: If the replacement_amount	method needs to be HW - Fifo or HW -	for the retirement unit if the replacement
356	POST 126	column in pend_transaction is not zero, the	Curve	amount is set in the estimate.

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		retirement method needs to be HW - Fifo or HW -		
		Curve		
		POST 127: A mass retirement requires that all		POST 127: Rebuild the mortality memory
		eligible mass assets to retire from have a record	POST 127: Error: No mortality	table from the cpr control window. If this fails to
357	POST 127	in the mortality memory table.	memory record found	fix the problem call PPC.
			POST 128: Error: Cannot add a new	POST 128: Rebuild the mortality memory
		POST 128: Cannot add a new mortality	mortality memory record. Min	table from the cpr control window. If this fails to
358	POST 128	memory record. Min mortality_rate is zero	mortality_rate is zero	fix the problem call PPC.
359	POST 130	POST 130: The depr group cannot be determine	ed perhaps because of the subledger indica	tor setting in the depr group

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Legacy National Grid



The below table lists out all of the Legacy Grid Unitization Erros

ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			Unitization 100: Error in	
	Unitization	Unitization 100: Error in uf_unallocate:	uf_unallocate: deleting from	
1	100	deleting from charge_group_control	charge_group_control	Unitization 100: Call PPC
			Unitization 101: Error in	
	Unitization	Unitization 101: Error in uf_unallocate:	uf_unallocate: updating	
2	101	updating charge_group_control	charge_group_control	Unitization 101: Call PPC
			Unitization 102: Error in	
	Unitization	Unitization 102: Error in uf_unallocate:	uf_unallocate: Updating	
3	102	Updating unitized_work_order (1)	unitized_work_order (1)	Unitization 102: Call PPC
			Unitization 103: Error in	
	Unitization	Unitization 103: Error in uf_unallocate:	uf_unallocate: Updating	
4	103	Updating unitized_work_order (2)	unitized_work_order (2)	Unitization 103: Call PPC
	Unitization	Unitization 104: uf_unitize: dw Find syntax	Unitization 104: uf_unitize: dw Find	
5	104	error on the unit item	syntax error on the unit item	Unitization 104: call PPC
	Unitization	Unitization 105: uf_unitize: Cannot find the	Unitization 105: uf_unitize: Cannot	
6	105	unit item	find the unit item	Unitization 105:Call PPC
	Unitization	Unitization 106: uf_unitize: dw Find syntax	Unitization 106: uf_unitize: dw Find	
7	106	error on the charge	syntax error on the charge	Unitization 106: Call PPC
	Unitization	Unitization 107: uf_unitize: Cannot find the	Unitization 107: uf_unitize: Cannot	
8	107	charge	find the charge	Unitization 107: Call PPC
				Unitization 108: Do not
	Unitization	Unitization 108: uf_unitize: Cannot unitize an	Unitization 108: uf_unitize: Cannot	unitize an EXPENSE or JOBBING
9	108	EXPENSE or JOBBING charge	unitize an EXPENSE or JOBBING charge	charge
			Unitization 109: uf unitize: Cannot	Unitization 109: Do not
	Unitization	Unitization 109: uf_unitize: Cannot unitize	unitize this RETIREMENT charge to an	unitize this RETIREMENT charge
10	109	this RETIREMENT charge to an ADDITION unit item	ADDITION unit item	to an ADDITION unit item
			Unitization 110: uf_unitize: Cannot	Unitization 110: Do not
	Unitization	Unitization 110: uf_unitize: Cannot unitize	unitize this ADDITION charge to a	unitize this ADDITION charge to a
11	110	this ADDITION charge to a RETIREMENT unit item	RETIREMENT unit item	RETIREMENT unit item
			Unitization 111: uf_unitize: Cannot	Unitization 111: Do not
	Unitization	Unitization 111: uf_unitize: Cannot unitize a	unitize a charge from Account to	unitize a charge from Account
12	111	charge from Account to Account	Account	to Account
			Unitization 112: uf_unitize: Cannot	
		Unitization 112: uf_unitize: Cannot unitize a	unitize a charge from Account to	Unitization 112: Do not
	Unitization	charge from Account to Account No	Account No allocations can be	unitize a charge from Account
13	112	allocations can be performed.	performed.	to Account .
	Unitization	Unitization 113: uf_unitize: Error updating	Unitization 113: uf_unitize: Error	
14	113	charge_group_control.	updating charge_group_control.	Unitization 113: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
	Unitization	Unitization 114: uf_unitize: Error updating	Unitization 114: uf_unitize: Error	
15	114	unitized_work_order	updating unitized_work_order	Unitization 114: Call PPC
		Unitization 115: Cannot create pending	Unitization 115: Cannot create	
	Unitization	transactions. Some charges have not been	pending transactions. Some charges have	
16	115	unitized	not been unitized	Unitization 115: Call PPC
		Unitization 116: Cannot create pending	Unitization 116: Cannot create	
	Unitization	transactions without In Service and Completion	pending transactions without In Service	Unitization 116: Add In
17	116	dates.	and Completion dates.	Service and Completion dates.
			Unitization 117: Cannot create	
	Unitization	Unitization 117: Cannot create pending	pending transactions without an asset	Unitization 117: Add asset
18	117	transactions without an asset location	location	location
			Unitization 118: Cannot create	
		Unitization 118: Cannot create pending	pending transactions, Company Id from the	
	Unitization	transactions, Company Id from the transactions	transactions does not match the company	
19	118	does not match the company being processed	being processed	Unitization 118: Call PPC
		Unitization 119: Cannot create a unitization	Unitization 119: Cannot create a	Unitization 119: Do not
	Unitization	ADD transaction to the NON-UNITIZED retirement	unitization ADD transaction to the NON-	unitize to the NON-UNITIZED
20	119	unit.	UNITIZED retirement unit.	retirement unit.
			Unitization 120: Cannot create	
			pending transactions for COR/Salvage No	
		Unitization 120: Cannot create pending	assets were found on the CPR for this	
		transactions for COR/Salvage No assets were	Retire. Unit/Bus. Segment/Util.	
		found on the CPR for this Retire. Unit/Bus.	Account/Sub Account/GL Account	Unitization 120: When
		Segment/Util. Account/Sub Account/GL Account	Company/Location combination.	unitizing COR/SLVG an asset
		Company/Location combination. company_id =,	company_id =, gl_account_id =,	must exist on the CPR matching
		gl_account_id =, utility_account_id =,	utility_account_id =, sub_account_id =	the information provided so the
		sub_account_id =, bus_segment_id =,	, bus_segment_id =, gl_account_id =,	correct depr group can be
		gl_account_id =, utility_account_id =,	utility_account_id =, sub_account_id =	determined for closing the RWIP
	Unitization	sub_account_id =, bus_segment_id =,	, bus_segment_id =, asset_location_id	to the final reserve. Correct the
21	120	asset_location_id = " + string(location)	= " + string(location)	data on the WO.
		Unitization 121: Cannot create Pending	Unitization 121: Cannot create	
	Unitization	Transactions The charge_type table is not filled	Pending Transactions The charge_type	
22	121	in properly.	table is not filled in properly.	Unitization 121: Call PPC
		Unitization 122: Cannot create pending	Unitization 122: Cannot create	
	Unitization	transactions Class Codes Error adding where	pending transactions Class Codes Error	
23	122	clause	adding where clause	Unitization 122: Call PPC
		Unitization 123: Cannot create Pending	Unitization 123: Cannot create	
	Unitization	Transactions ERROR: inserting into	Pending Transactions ERROR: inserting	
24	123	wo_unit_item_pend_trans:	into wo_unit_item_pend_trans:	Unitization 123: Call PPC
			Unitization 124: Pending Transaction	
	Unitization	Unitization 124: Pending Transaction Posting	Posting Amount does not balance with your	
25	124	Amount does not balance with your Pend	Pend Transaction Basis, transactions were	Unitization 124: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		Transaction Basis, transactions were not created.	not created. Please contact PowerPlant	
		Please contact PowerPlant Support	Support	
		Unitization 125: Pending Transactions and	Unitization 125: Pending Transactions	
		Pend Transaction Basis do not line up, transactions	and Pend Transaction Basis do not line up,	
	Unitization	were not created. Please contact PowerPlant	transactions were not created. Please	
26	125	Support	contact PowerPlant Support	Unitization 125: Call PPC
			Unitization 126: Pending Transaction	
		Unitization 126: Pending Transaction Posting	Posting Amount does not balance with	
		Amount does not balance with Pend	Pend Transaction Basis; transactions	
	Unitization	Transaction Basis; transactions were not	were not created. Please contact	
27	126	created. Please contact PowerPlant Support	PowerPlant Support	Unitization 126: Call PPC
		Unitization 127: Pending Transactions and	Unitization 127: Pending Transactions	
		Pend Transaction Basis do not line up;	and Pend Transaction Basis do not line up;	
	Unitization	transactions were not created. Please contact	transactions were not created. Please	
28	127	PowerPlant Support	contact PowerPlant Support	Unitization 127: Call PPC
			Unitization 128: 101 Pending	
		Unitization 128: 101 Pending Transactions	Transactions Basis Amount does not	
		Basis Amount does not balance with Cwip	balance with Cwip 107/106 charges;	
	Unitization	107/106 charges; transactions were not created.	transactions were not created. Please	
29	128	Please contact PowerPlant Support	contact PowerPlant Support	Unitization 128: Call PPC
			Unitization 129: Cor/salvage Pending	
		Unitization 129: Cor/salvage Pending	Transactions Amount does not balance	
		Transactions Amount does not balance with	with Cwip Cor/salvage charges;	
	Unitization	Cwip Cor/salvage charges; transactions were	transactions were not created. Please	
30	129	not created. Please contact PowerPlant Support	contact PowerPlant Support	Unitization 129: Call PPC
			Unitization 130: Retire Pending	
		Unitization 130: Retire Pending Transactions	Transactions Amount does not balance	
		Amount does not balance with Cwip retirement	with Cwip retirement charges;	
	Unitization	charges; transactions were not created. Please	transactions were not created. Please	
31	130	contact PowerPlant Support	contact PowerPlant Support	Unitization 130: Call PPC
	Unitization	Unitization 131: uf_pend_trans: Error	Unitization 131: uf_pend_trans: Error	
32	131	updating pend_transaction	updating pend_transaction	Unitization 131: Call PPC
	Unitization	Unitization 132: uf_pend_trans: Error	Unitization 132: uf_pend_trans: Error	
33	132	updating pend_basis	updating pend_basis	Unitization 132: Call PPC
	Unitization	Unitization 133: uf_pend_trans: Error	Unitization 133: uf_pend_trans: Error	
34	133	updating class_code_pending_trans	updating class_code_pending_trans	Unitization 133: Call PPC
				Unitization 134: The
				estimates do not match the unit
			Unitization 134: uf_allocate: Allocation	items and the WO is intended to
		Unitization 134: uf_allocate: Allocation Type:	Type: Cannot allocate based on	allocate via estimates. Perhaps
	Unitization	Cannot allocate based on estimates The	estimates The estimates do not match	the unitize by account is on and
35	134	estimates do not match the unit items.	the unit items.	you have a charge to 364 but no

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	Τ	T	T	I
ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				estimate for 364. You need to
				examine the WO estimates and
				the unit items in the manual
				unitization window and to
				determine and correct the
				problem. Again, the problem
				may be with COR/SLVG or CWIP
				and neither will unitize until both
				can.
				Unitization 135: This will
				most commonly occur when the
				user is adhering to
				utility_account and have not
				directly assigned at least one
				charge to each of the accounts,
				or when the user is allocating
				based on standards and the
				retirement unit does not have a
				record in the retire_unit_std
			Unitization 135: uf_allocate: No basis	table or the user has a charge
	Unitization	Unitization 135: uf_allocate: No basis to	to perform allocation for, priority =,	with a utility account but no
36	135	perform allocation for, priority =, account =	account =	estimate,etc. for that account.
				Unitization 136: This will
				most commonly occur when the
				user is adhering to
				utility_account and have not
				directly assigned at least one
				charge to each of the accounts,
				or when the user is allocating
				based on standards and the
				retirement unit does not have a
				record in the retire_unit_std
				table or the user has a charge
	Unitization	Unitization 136: uf_allocate: No basis to	Unitization 136: uf_allocate: No basis	with a utility account but no
37	136	perform allocation for, priority =	to perform allocation for, priority =	estimate,etc. for that account.
				Unitization 137: The system
				control 'TOLERANCE FOR
			Unitization 137: Negative dollar	ESTIMATES' determines the
		Unitization 137: Negative dollar amounts exist	amounts exist in the estimates that are	tolerance of negatives to
		in the estimates that are greater than the	greater than the tolerance of percent of	positives for allocation. If none is
	Unitization	tolerance of percent of the positive dollar	the positive dollar amounts. Cannot	specified .1 is used. Either
38	137	amounts. Cannot allocate remaining charges.	allocate remaining charges.	change the tolerance, correct

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ERROR_ID	DESCRIPTION	LONG DESCRIPTION	ERROR REPORTED	ACTION
				charges on the WO possibly, or
				manually unitize the WO in
				question.
				Unitization 138: In the
				allocation maintenance, there is
		Unitization 138: Cannot allocate Charge Type:	Unitization 138: Cannot allocate	an automatic allocation limit
		because a charge being allocated: exceeds the	Charge Type: because a charge being	specified for each charge type.
	Unitization	allocation limit of: Cannot allocate remaining	allocated: exceeds the allocation limit of:	Correct the limits, the charges or
39	138	charges.	Cannot allocate remaining charges.	manually unitize.
				Unitization 139: The
				appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
				you could manually unitize
		Unitization 139: uf_allocate: Cannot allocate	Unitization 139: uf_allocate: Cannot	theWO or change the allocation
	Unitization	based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:,	method being used if
40	139	account =	priority =, account =	appropriate.
				Unitization 140: The
				appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
				you could manually unitize
		Unitization 140: uf_allocate: Cannot allocate	Unitization 140: uf_allocate: Cannot	theWO or change the allocation
	Unitization	based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:,	method being used if
41	140	account =	priority =, account =	appropriate.
				Unitization 141: The
				appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
				you could manually unitize
		Unitization 141: uf_allocate: Cannot allocate	Unitization 141: uf_allocate: Cannot	theWO or change the allocation
	Unitization	based on 0.00 standard hours:, priority =,	allocate based on 0.00 standard hours:,	method being used if
42	141	account =	priority =, account =	appropriate.
				Unitization 143: The
				appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
				you could manually unitize
		Unitization 143: uf_allocate: Cannot allocate	Unitization 143: uf_allocate: Cannot	theWO or change the allocation
	Unitization	based on 0.00 standard COR hours:, priority =,	allocate based on 0.00 standard COR hours:	method being used if
43	143	account =	, priority =, account =	appropriate

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T-			THE POWER OF ACTION	
ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
	Unitization	Unitization 144: uf_allocate: dw Find syntax	Unitization 144: uf_allocate: dw Find	
44	144	error on the Allocation charge group	syntax error on the Allocation charge group	Unitization 144: Call PPC
				Unitization 145: This will
				most commonly occur when the
				user is adhering to
				utility_account and have not
				directly assigned at least one
				charge to each of the accounts,
				or when the user is allocating
				based on standards and the
				retirement unit does not have a
		Unitization 145: uf_allocate: No basis to	Unitization 145: uf_allocate: No basis	record in the retire_unit_std
	I I a late a At a sa	perform allocation for, priority =, account =	to perform allocation for, priority =,	table or the user has a charge
45	Unitization	There are no charges in the basis or they sum to	account = There are no charges in the	with a utility account but no
45	145	zero.	basis or they sum to zero.	estimate,etc. for that account.
46	Unitization 146	Unitization 146: uf allocate: uf unitize error	Unitization 146: uf_allocate: uf_unitize error	Unitization 146: Call PPC
40	140	Officization 140. df_allocate. df_dflictze error	error	Unitization 140. Call FFC
	Unitization	Unitization 147: No Work Orders are eligible	Unitization 147: No Work Orders are	Orders are eligible for Automatic
47	147	for Automatic Unitization.	eligible for Automatic Unitization.	Unitization.
77	147	Unitization 148: Could not run - No	Unitization 148: Could not run - No	Unitization 148:Check if
	Unitization	gl_je_code exists in gl_je_control for AUTOMATIC	gl_je_code exists in gl_je_control for	gl_je_code exists in gl_je_control
48	148	101.	AUTOMATIC 101.	for AUTOMATIC 101.
-		Unitization 150: non-unitized addition	Unitization 150: non-unitized	
		pending transaction(s) found. This work order	addition pending transaction(s) found. This	
	Unitization	cannot be unitized until they are posted or	work order cannot be unitized until they	Unitization 150: . Post or
50	150	deleted.	are posted or deleted.	Delete the pending transactions
				Unitization 142: The
				appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
				you could manually unitize
		Unitization 142: uf_allocate: Cannot allocate	Unitization 142: uf_allocate: Cannot	theWO or change the allocation
	Unitization	based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:,	method being used if
51	142	account =	priority =, account =	appropriate.
				Unitization 151: This work
	11	Heitigation 454. This words and an will as a little	Unitization 151: This work order will	order will not be unitized
F2	Unitization	Unitization 151: This work order will not be	not be unitized because it is a joint child	because it is a joint child work
52	151	unitized because it is a joint child work order.	work order.	order.
	Unitization	Unitization 152: This work order will not be	Unitization 152: This work order will	Unitization 152: This work
53	152	unitized because it is a joint child work order.	not be unitized because it is a joint child	order will not be unitized
	132	annuzed because it is a joint child work order.	work order.	order will flot be diffilized

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				because it is a joint child work order.
54	Unitization	Unitization 153: The automatic unitization is terminating due to an error in the f unitization audit function !!!	Unitization 153: The automatic unitization is terminating due to an error in the f unitization audit function !!!	Unitization 153: Check the custom f_unitization_audit function
55	Unitization 154	Unitization 154: Error in the f_wo_audit_tax function	Unitization 154: Error in the f_wo_audit_tax function	Unitization 154: Check the custom f_wo_audit_tax function
56	Unitization 155	Unitization 155: Error updating charge_group_control	Unitization 155: Error updating charge_group_control	Unitization 155: Call PPC
57	Unitization 156	Unitization 156: Error updating work_order_charge_group	Unitization 156: Error updating work_order_charge_group	Unitization 156: Call PPC
58	Unitization 157	Unitization 157: There are no valid asset locations for this work order's major location This work order cannot be unitized.	Unitization 157: There are no valid asset locations for this work order's major location This work order cannot be unitized.	Unitization 157: Add valid asset locations for this work order's major location
59	Unitization 158	Unitization 158: ERROR: updating asset_location_id in wo_estimate:This work order cannot be unitized.	Unitization 158: ERROR: updating asset_location_id in wo_estimate:This work order cannot be unitized.	Unitization 158: Call PPC
60	Unitization 159	Unitization 159: ERROR: updating bus_segment_id in wo_estimate: This work order cannot be unitized.	Unitization 159: ERROR: updating bus_segment_id in wo_estimate: This work order cannot be unitized.	Unitization 159: Call PPC
61	Unitization	Unitization 160: The work order header has no asset location Cannot unitize.	Unitization 160: The work order header has no asset location Cannot unitize.	Unitization 160: The work order header has no asset location
62	Unitization 161	Unitization 161: Cannot create unit item: Invalid RU/UA/BS combination: / / Ret Unit :Util Acct : Bus Seg :	Unitization 161: Cannot create unit item: Invalid RU/UA/BS combination: / / Ret Unit :Util Acct : Bus Seg :	Unitization 161: Check your Property Unit Catalog as the property unit for the retirement unit specified has not been related to the Utility account and business segment specified. Alternatively, bad data on the WO may need to be corrected if the unitization information given is wrong, e.g. turbine should really not be in account 364.
63	Unitization	Unitization 162: No sub account exists for Util Account ID: and Bus Segment ID:	Unitization 162: No sub account exists for Util Account ID: and Bus Segment ID:	Unitization 162: Create sub
64	Unitization 163	Unitization 163: No valid property groups found for RU =, Func. Class Id= Check tables	Unitization 163: No valid property groups found for RU =, Func. Class Id= Check tables PROP GROUP/PROP_UNIT and	Unitization 163: A property group must be related to both the property unit of the

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ERROR ID	DESCRIPTION	LONG DESCRIPTION	ERROR REPORTED	ACTION
	2200	PROP GROUP/PROP_UNIT and FUNC CLASS/PROP	FUNC CLASS/PROP GROUP Cannot	retirement unit, and the function
		GROUP Cannot unitize.	unitize.	class of the utility account.
				Either add the missing property
				group relationship(s) or correct
				the WO data. Check tables PROP
				GROUP/PROP_UNIT and FUNC
				CLASS/PROP GROUP
			Unitization 164: The work order	
	Unitization	Unitization 164: The work order header has	header has no asset location Cannot	Unitization 164: Add asset
65	164	no asset location Cannot unitize.	unitize.	location
				Unitization 165: Tolerances
				can be used to make sure the
				amount of the WO is within a
				specified percentage of the
				estimate. If it falls outside the
		Unitization 165: This work order does not	Unitization 165: This work order does	limits define, this error will
	Unitization	pass the unitization tolerance. This work order	not pass the unitization tolerance. This	result. Correct estimates or
66	165	cannot be unitized	work order cannot be unitized	charges or tolerance.
				Unitization 166: Check your
				Property Unit Catalog as the
				property unit for the retirement
				unit specified has not been
				related to the Utility account and
				business segment specified.
				Alternatively, bad data on the
				WO may need to be corrected if
		Unitization 166: Cannot create unit item:	Unitization 166: Cannot create unit	the unitization information given
	Unitization	Invalid RU/UA/BS combination:// Ret Unit :	item: Invalid RU/UA/BS combination:	is wrong, e.g. turbine should
67	166	Util Acct : Bus Seg :	// Ret Unit:Util Acct: Bus Seg:	really not be in account 364.
				Unitization 167: Check
		Unitization 167: Cannot create unit item:	Unitization 167: Cannot create unit	Property Unit/Property group
	Unitization	Invalid RU/PG combination:// Ret Unit :	item: Invalid RU/PG combination://	combinations in Table
68	167	Prop Group :	Ret Unit:Prop Group:	maintenance
	Unitization	Unitization 168: ERROR: Updating	Unitization 168: ERROR: Updating	
69	168	property_group_id on wo_estimate:	property_group_id on wo_estimate:	Unitization 168: Call PPC
				Unitization 169: A property
				group must be related to both
			Unitization 169: No valid property	the property unit of the
		Unitization 169: No valid property groups	groups found for RU =, Func. Class Id=	retirement unit, and the function
		found for RU =, Func. Class Id= Check tables	Check tables PROP GROUP/PROP_UNIT and	class of the utility account.
	Unitization	PROP GROUP/PROP_UNIT and FUNC CLASS/PROP	FUNC CLASS/PROP GROUP Cannot	Either add the missing property
70	169	GROUP Cannot unitize.	unitize.	group relationship(s) or correct

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				the WO data. Check tables PROP GROUP/PROP_UNIT and FUNC CLASS/PROP GROUP
71	Unitization 170	Unitization 170: No sub account exists for Util Account ID: and Bus Segment ID:	Unitization 170: No sub account exists for Util Account ID: and Bus Segment ID:	Unitization 170: Create sub account .
	Unitization		Unitization 171: Error creating unit	
72	171	Unitization 171: Error creating unit items	items	Unitization 171:Call PPC
73	Unitization 172	Unitization 172: Late Charge Unitization: No Asset Addition Activities Found to Create Minor Adds, Manual Unitization Required	Unitization 172: Late Charge Unitization: No Asset Addition Activities Found to Create Minor Adds, Manual Unitization Required	Unitization 172: Late Charge Unitization: No Asset Addition Activities Found to Create Minor Adds, Manual Unitization Required
74	Unitization 173	Unitization 173: Late Charge Unitization: No Retire Activities Found to Create Unit Items, in Retirement Transacations or CPR Activity, Manual Unitization Required	Unitization 173: Late Charge Unitization: No Retire Activities Found to Create Unit Items, in Retirement Transacations or CPR Activity, Manual Unitization Required	Unitization 173: Late Charge Unitization: No Retire Activities Found to Create Unit Items, in Retirement Transacations or CPR Activity, Manual Unitization Required
75	Unitization 174	Unitization 174: This work order does not pass the unitization LATE charge tolerance. This work order cannot be unitized.	Unitization 174: This work order does not pass the unitization LATE charge tolerance. This work order cannot be unitized.	Unitization 174: Tolerances can be used to make sure the amount of the WO is within a specified percentage of the estimate. If it falls outside the limits define, this error will result. Correct estimates or charges or tolerance.
7.0	Unitization	Unitization 175: Error inserting into	Unitization 175: Error inserting into	Haitiantian 175, Call DDC
76	175	unit_item_class_code:	unit_item_class_code:	Unitization 175: Call PPC Unitization 176: There is incomplete unitization information available for the WO, or there are no charges to be unitized (monthly close-type may get this frequently). Be aware that the problem may be for COR/SLVG or CWIP charges and the other side may be OK. You will need to inspect the WO to see where the exact problem
	Unitization	Unitization 176: Unable to create unit items	Unitization 176: Unable to create unit	is. Often times, it may prove

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
_				the manual unitization window
				and trying to Allocate
				Remaining Charges (essentially,
				this is what Auto 101 does).
	Unitization	Unitization 177: Error directly assigning	Unitization 177: Error directly	
78	177	charges	assigning charges	Unitization 177: Call PPC
	Unitization		Unitization 178: Error allocating	
79	178	Unitization 178: Error allocating charges	charges	Unitization 178: Call PPC
				Unitization 179: The Major
				Location for the given asset
		Unitization 179: Unit Item: Just before	Unitization 179: Unit Item: Just	location has not been related to
		uf_pend_trans: Invalid Company/Asset Location	before uf_pend_trans: Invalid	the company given. Correct
	Unitization	combination! (,) Cannot create pending	Company/Asset Location combination! (,	through Location maintenance or
80	179	transactions.) Cannot create pending transactions.	correct the data on the WO.
		Unitization 180: Unit Item: Just before	Unitization 180: Unit Item: Just	
		uf_pend_trans: Invalid Company/Work Order	before uf_pend_trans: Invalid	
	Unitization	combination! () Cannot create pending	Company/Work Order combination! ()	
81	180	transactions.	Cannot create pending transactions.	Unitization 180: Call PPC
				Unitization 181: The major
				location for the given asset
				location is assigned a Location
			Unitization 181: Unit Item: Just	Type, which must be valid for the
		Unitization 181: Unit Item: Just before	before uf_pend_trans: Invalid Utility	Functional Class of the Utility
		uf_pend_trans: Invalid Utility Account/Asset	Account/Asset Location combination: (/	Account given. Update the
		Location combination: (/ for Because of	for Because of Invalid Func Class/Loc	Function Class/Location Type
	Unitization	Invalid Func Class/Loc Type Combination:/).	Type Combination:/). Cannot create	table via table maintenance, or
82	181	Cannot create pending transactions.	pending transactions.	correct the WO data.
				Unitization 182: There can
				be rounding errors between the
				book and tax basis buckets if the
				allocation priorities are not set
				up properly (tax only charge
				types must get their own distinct
				allocation priority). The
		Halkingtian 402. Can it is it	Unitization 182: Cannot create	allocation priorities need to be
	11	Unitization 182: Cannot create pending	pending transactions. The charge group	reviewed/updated and the
02	Unitization	transactions. The charge group dollars do not	dollars do not balance to the unit item	unitization tables reset for the
83	182	balance to the unit item dollars	dollars	WO.
		Unitization 192: Connet areata need in -	Unitization 183: Cannot create	Unitization 183: This work
	Unitizatio-	Unitization 183: Cannot create pending	pending transactions. This work order has	order has subledger retirement units and must be unitized
0.4	Unitization	transactions. This work order has subledger	subledger retirement units and must be	
84	183	retirement units and must be unitized manually	unitized manually	manually

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
	Unitization	Unitization 184: Error creating pending	Unitization 184: Error creating	
85	184	transactions	pending transactions	Unitization 184: Call PPC
			Unitization 185: Error updating	
	Unitization	Unitization 185: Error updating wo_status_id,	wo_status_id, pending transactions WERE	
86	185	pending transactions WERE committed:	committed:	Unitization 185: Call PPC
	Manual	Manual Unitization 200: dw Find syntax error	Manual Unitization 200: dw Find	Manual Unitization 200: Call
88	Unitization 200	on the charge.	syntax error on the charge.	PPC
	Manual	Manual Unitization 201: Cannot find the	Manual Unitization 201: Cannot find	Manual Unitization 201: Call
89	Unitization 201	charge.	the charge.	PPC
	Manual	Manual Unitization 202: dw Find syntax error	Manual Unitization 202: dw Find	Manual Unitization 202:Call
90	Unitization 202	on the charge group.	syntax error on the charge group.	PPC
	Manual	Manual Unitization 203: Cannot find the	Manual Unitization 203: Cannot find	Manual Unitization 203: Call
91	Unitization 203	charge group.	the charge group.	PPC
	Manual	Manual Unitization 204: Error updating the	Manual Unitization 204: Error	Manual Unitization 204: Call
92	Unitization 204	charge group table.	updating the charge group table.	PPC
			Manual Unitization 205: Error	
	Manual	Manual Unitization 205: Error updating the	updating the work order charge group	Manual Unitization 205:
93	Unitization 205	work order charge group table.	table.	Call PPC
	Manual	Manual Unitization 206: Error updating the	Manual Unitization 206: Error	Manual Unitization 206:
94	Unitization 206	charge group table.	updating the charge group table.	Call PPC
	Manual	Manual Unitization 207: Error updating the	Manual Unitization 207: Error	Manual Unitization 207: Call
95	Unitization 207	charge group table.	updating the charge group table.	PPC
	Manual	Manual Unitization 208: dw Find syntax error	Manual Unitization 208: dw Find	Manual Unitization 208: call
96	Unitization 208	on the unit item.	syntax error on the unit item.	PPC
	Manual	Manual Unitization 209: Cannot find the unit	Manual Unitization 209: Cannot find	Manual Unitization 209: Call
97	Unitization 209	item.	the unit item.	PPC
	Manual	Manual Unitization 211: dw Find syntax error	Manual Unitization 211: dw Find	Manual Unitization 211: Call
98	Unitization 211	on the charge.	syntax error on the charge.	PPC
			Manual Unitization 210: The Original	
		Manual Unitization 210: The Original Cost	Cost Retirement charge has not yet been	
		Retirement charge has not yet been posted. It can	posted. It can not be un-unitized, it must be	Manual Unitization 210:
	Manual	not be un-unitized, it must be deleted from the	deleted from the Work Order Retirements	Deleted from the Work Order
99	Unitization 210	Work Order Retirements window.	window.	Retirements window.
	Manual	Manual Unitization 212: Error updating the	Manual Unitization 212: Error	Manual Unitization 212: Call
100	Unitization 212	Charge Group table.	updating the Charge Group table.	PPC
	Manual	Manual Unitization 213: Error updating the	Manual Unitization 213: Error	Manual Unitization 213:
101	Unitization 213	Unit Item table.	updating the Unit Item table.	Call PPC
	Manual	Manual Unitization 214: Error un-allocating	Manual Unitization 214: Error un-	Manual Unitization 214: Call
102	Unitization 214	charges.	allocating charges.	PPC
	Manual	Manual Unitization 215: Error un-allocating	Manual Unitization 215: Error un-	Manual Unitization 215:Call
103	Unitization 215	charges.	allocating charges.	PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
	Manual	Manual Unitization 216: Error un-allocating	Manual Unitization 216: Error un-	Manual Unitization 216:Call
104	Unitization 216	charges.	allocating charges.	PPC
	Manual	Manual Unitization 217: Error un-unitizing	Manual Unitization 217: Error un-	Manual Unitization 217:Call
105	Unitization 217	targeted charges.	unitizing targeted charges.	PPC
	Manual	Manual Unitization 218: Error un-unitizing	Manual Unitization 218: Error un-	Manual Unitization 218:Call
106	Unitization 218	targeted charges.	unitizing targeted charges.	PPC
	Manual	Manual Unitization 219: Error un-unitizing	Manual Unitization 219: Error un-	Manual Unitization 219: Call
107	Unitization 219	targeted charges.	unitizing targeted charges.	PPC
	Manual	Manual Unitization 220: Error un-unitizing	Manual Unitization 220: Error un-	Manual Unitization 220:Call
108	Unitization 220	targeted charges.	unitizing targeted charges.	PPC
	Manual	Manual Unitization 221: Error un-unitizing	Manual Unitization 221: Error un-	Manual Unitization 221: Call
109	Unitization 221	targeted charges.	unitizing targeted charges.	PPC
				Manual Unitization 222: Do
	Manual	Manual Unitization 222: You cannot split a	Manual Unitization 222: You cannot	not split a charge to a unit
110	Unitization 222	charge to a unit item.	split a charge to a unit item.	item.
	Manual	Manual Unitization 223: dw Find syntax error	Manual Unitization 223: dw Find	Manual Unitization 223: Call
111	Unitization 223	on the unit item.	syntax error on the unit item.	PPC
	Manual	Manual Unitization 224: Cannot find the unit	Manual Unitization 224: Cannot find	Manual Unitization 224: Call
112	Unitization 224	item.	the unit item.	PPC
				Manual Unitization 225: Do
	Manual	Manual Unitization 225: Cannot unitize an	Manual Unitization 225: Cannot	not unitize an EXPENSE or
113	Unitization 225	EXPENSE or JOBBING charge.	unitize an EXPENSE or JOBBING charge.	JOBBING charge.
			Manual Unitization 226: Cannot	Manual Unitization 226: Do
	Manual	Manual Unitization 226: Cannot unitize this	unitize this RETIREMENT charge to an	not unitize this RETIREMENT
114	Unitization 226	RETIREMENT charge to an ADDITION unit item.	ADDITION unit item.	charge to an ADDITION unit item
				Manual Unitization 227: Do
			Manual Unitization 227: Cannot	Not unitize this ADDITION
	Manual	Manual Unitization 227: Cannot unitize this	unitize this ADDITION charge to a	charge to a RETIREMENT unit
115	Unitization 227	ADDITION charge to a RETIREMENT unit item.	RETIREMENT unit item.	item.
			Manual Unitization 228: Cannot	
		Manual Unitization 228: Cannot unitize a	unitize a charge from Account to	Manual Unitization 228: Do
	Manual	charge from Account to Account This charge	Account This charge will not be	not unitize a charge from
116	Unitization 228	will not be unitized.	unitized.	Account to Account
			Manual Unitization 229: Cannot	Manual Unitization 229: Do
		Manual Unitization 229: Cannot unitize a	unitize a charge from Account to	not unitize a charge from
	Manual	charge from Account to Account No	Account No allocations can be	Account to Account No
117	Unitization 229	allocations can be performed.	performed.	allocations can be performed.
	Manual	Manual Unitization 230: Cannot group a	Manual Unitization 230: Cannot group	Manual Unitization 230: Cal
118	Unitization 230	charge which has already been unitized.	a charge which has already been unitized.	PPC.
	Manual	Manual Unitization 231: Cannot group a	Manual Unitization 231: Cannot group	Manual Unitization 231: Call
119	Unitization 231	charge which has already been unitized.	a charge which has already been unitized.	PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
	Manual	Manual Unitization 232: Cannot group	Manual Unitization 232: Cannot group	Manual Unitization 232: Call
120	Unitization 232	charges with different charge types.	charges with different charge types.	PPC
		Manual Unitization 233: ERROR: deleting	Manual Unitization 233: ERROR:	
	Manual	from cpr_act_month: the gain/loss will not be	deleting from cpr_act_month: the gain/loss	Manual Unitization 233:
121	Unitization 233	computed properly.	will not be computed properly.	Call PPC
		Manual Unitization 234: ERROR: inserting into	Manual Unitization 234: ERROR:	
	Manual	cpr_act_month: the gain/loss will not be	inserting into cpr_act_month: the gain/loss	Manual Unitization 234:
122	Unitization 234	computed properly.	will not be computed properly.	Call PPC
		Manual Unitization 235: ERROR: deleting	Manual Unitization 235: ERROR:	
	Manual	from temp_asset: the gain/loss will not be	deleting from temp_asset: the gain/loss	Manual Unitization 235:
123	Unitization 235	computed properly.	will not be computed properly.	Call PPC
		Manual Unitization 236: ERROR: inserting into	Manual Unitization 236: ERROR:	
	Manual	temp_asset: the gain/loss will not be computed	inserting into temp_asset: the gain/loss will	Manual Unitization 236:
124	Unitization 236	properly.	not be computed properly.	Call PPC
		Manual Unitization 237: ERROR: selecting	Manual Unitization 237: ERROR:	
	Manual	depr group for the asset: the gain/loss will not be	selecting depr group for the asset: the	Manual Unitization 237: Call
125	Unitization 237	computed properly.	gain/loss will not be computed properly.	PPC
		Manual Unitization 238: ERROR: check for	Manual Unitization 238: ERROR: check	
		reserve failed: the gain/loss will not be computed	for reserve failed: the gain/loss will not be	
	Manual	properly. (asset_id = depr_group_id =	computed properly. (asset_id =	Manual Unitization 238: Call
126	Unitization 238	open_month =).	depr_group_id = open_month =).	PPC
		Manual Unitization 239: The total of the	Manual Unitization 239: The total of	
		subledger amounts: does not balance to the	the subledger amounts: does not	
		amount: that was unitized to this unit item	balance to the amount: that was unitized	
	Manual	(unit_item_id =). Cannot create pending	to this unit item (unit_item_id =). Cannot	Manual Unitization 239: Call
127	Unitization 239	transactions.	create pending transactions.	PPC
		Manual Unitization 240: The total of the	Manual Unitization 240: The total of	
		subledger salvage and COR: does not balance to	the subledger salvage and COR: does not	
		the amount: that was unitized to this unit item	balance to the amount: that was unitized	
	Manual	(unit_item_id =). Cannot create pending	to this unit item (unit_item_id =). Cannot	Manual Unitization 240: Call
128	Unitization 240	transactions.	create pending transactions.	PPC
	Manual	Manual Unitization 241: Multiple In-service,	Manual Unitization 241: Multiple In-	Manual Unitization 241: Call
129	Unitization 241	SQL Error :	service, SQL Error :	PPC
			Manual Unitization 242: Multiple In-	
	Manual	Manual Unitization 242: Multiple In-service,	service, Could not determine charge group	Manual Unitization 242Call
130	Unitization 242	Could not determine charge group type	type	PPC
				Manual Unitization 243:
				The estimates do not match the
			Manual Unitization 243: Allocation	unit items and the WO is
		Manual Unitization 243: Allocation Type:	Type: Cannot allocate based on	intended to allocate via
	Manual	Cannot allocate based on estimates The	estimates The estimates do not match	estimates. Perhaps the unitize
131	Unitization 243	estimates do not match the unit items.	the unit items.	by account is on and you have a

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	Τ	T	T	T
ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				charge to 364 but no estimate
				for 364. You need to examine
				the WO estimates and the unit
				items in the manual unitization
				window and to determine and
				correct the problem. Again, the
				problem may be with COR/SLVG
				or CWIP and neither will unitize
				until both can.
				Manual Unitization 244:
				This will most commonly occur
				when the user is adhering to
				utility_account and have not
				directly assigned at least one
				charge to each of the accounts,
				or when the user is allocating
				based on standards and the
				retirement unit does not have a
				record in the retire_unit_std
			Manual Unitization 244: No basis to	table or the user has a charge
	Manual	Manual Unitization 244: No basis to perform	perform allocation for, priority =,	with a utility account but no
132	Unitization 244	allocation for, priority =, account =	account =	estimate, etc. for that account.
				Manual Unitization 245:
				This will most commonly occur
				when the user is adhering to
				utility_account and have not
				directly assigned at least one
				charge to each of the accounts,
				or when the user is allocating
				based on standards and the
				retirement unit does not have a
				record in the retire_unit_std
				table or the user has a charge
	Manual	Manual Unitization 245: No basis to perform	Manual Unitization 245: No basis to	with a utility account but no
133	Unitization 245	allocation for, priority =	perform allocation for, priority =	estimate, etc. for that account.
				Manual Unitization 246: The
				system control 'TOLERANCE FOR
		Manual Unitization 246: Negative dollar	Manual Unitization 246: Negative	ESTIMATES' determines the
		amounts exist in the estimates that are greater	dollar amounts exist in the estimates that	tolerance of negatives to
		than the tolerance of percent of the positive	are greater than the tolerance of percent	positives for allocation. If none is
	Manual	dollar amounts. Cannot allocate remaining	of the positive dollar amounts. Cannot	specified .1 is used. Either
134	Unitization 246	charges.	allocate remaining charges.	change the tolerance, correct

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
_				charges on the WO possibly, or
				manually unitize the WO in
				question.
				Manual Unitization 247: In
			Manual Unitization 247: Cannot	the allocation maintenance,
		Manual Unitization 247: Cannot allocate	allocate Charge Type: because a charge	there is an automatic allocation
		Charge Type: because a charge group being	group being allocated: \$ exceeds the	limit specified for each charge
	Manual	allocated: \$ exceeds the allocation limit of: \$	allocation limit of: \$ Cannot allocate	type. Correct the limits, the
135	Unitization 247	Cannot allocate remaining charges.	remaining charges.	charges or manually unitize.
				Manual Unitization 247:
				The appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
				you could manually unitize
		Manual Unitization 247: Cannot allocate	Manual Unitization 247: Cannot	theWO or change the allocation
	Manual	based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:,	method being used if
136	Unitization 247	account =	priority =, account =	appropriate.
				Manual Unitization 248:
				The appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
				you could manually unitize
		Manual Unitization 248: Cannot allocate	Manual Unitization 248: Cannot	theWO or change the allocation
	Manual	based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:,	method being used if
137	Unitization 248	account =	priority =, account =	appropriate.
				Manual Unitization 249:
				The appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
				you could manually unitize
	NA	Manual Unitization 249: Cannot allocate	Manual Unitization 249: Cannot	theWO or change the allocation
420	Manual	based on 0.00 standard hours:, priority =,	allocate based on 0.00 standard hours:,	method being used if
138	Unitization 249	account =	priority =, account =	appropriate.
				Manual Unitization 250:
				The appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
		Manual Unitination 250: Connet all sects	Manual Haitination 250, Constat	you could manually unitize
	Manual	Manual Unitization 250: Cannot allocate	Manual Unitization 250: Cannot	theWO or change the allocation
120	Manual	based on 0.00 standard cost:, priority =,	allocate based on 0.00 standard cost:,	method being used if
139	Unitization 250	account =	priority =, account =	appropriate.

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
_			_	Manual Unitization 251:
				The appropriate standard cost
				information is missing and needs
				to be corrected. Alternatively,
				you could manually unitize
		Manual Unitization 251: Cannot allocate	Manual Unitization 251: Cannot	theWO or change the allocation
	Manual	based on 0.00 standard COR hours:, priority =,	allocate based on 0.00 standard COR hours:	method being used if
140	Unitization 251	account =	, priority =, account =	appropriate.
			Manual Unitization 252: dw Find	
	Manual	Manual Unitization 252: dw Find syntax error	syntax error on the Allocation charge	Manual Unitization 252: Call
141	Unitization 252	on the Allocation charge group.	group.	PPC
		5 5 1	<u> </u>	Manual Unitization 253:
				This will most commonly occur
				when the user is adhering to
				utility account and have not
				directly assigned at least one
				charge to each of the accounts,
				or when the user is allocating
				based on standards and the
				retirement unit does not have a
			Manual Unitization 253: No basis to	record in the retire_unit_std
		Manual Unitization 253: No basis to perform	perform allocation for, priority =,	table or the user has a charge
	Manual	allocation for, priority =, account = There	account = There are no charges in the	with a utility account but no
142	Unitization 253	are no charges in the basis or they sum to zero.	basis or they sum to zero.	estimate, etc. for that account.
		Manual Unitization 254: Cannot create	Manual Unitization 254: Cannot create	
	Manual	pending transactions. Some charges have not	pending transactions. Some charges have	Manual Unitization 254: Call
143	Unitization 254	been unitized.	not been unitized.	PPC
		Manual Unitization 255: Cannot create	Manual Unitization 255: Cannot create	Manual Unitization 255:
	Manual	pending transactions without In Service and	pending transactions without In Service	Must have In Service and
144	Unitization 255	Completion dates.	and Completion dates.	Completion dates.
		Manual Unitization 256: Cannot create a	Manual Unitization 256: Cannot create	Manual Unitization 256: Do
	Manual	unitization ADD transaction to the NON-UNITIZED	a unitization ADD transaction to the NON-	not unitize to the NON-
145	Unitization 256	retirement unit.	UNITIZED retirement unit.	UNITIZED retirement unit.
			Manual Unitization 257: Cannot create	Manual Unitization 257:
		Manual Unitization 257: Cannot create	pending transactions for COR/Salvage No	When unitizing COR/SLVG an
		pending transactions for COR/Salvage No assets	assets were found on the CPR for this	asset must exist on the CPR
		were found on the CPR for this Retire. Unit/Bus.	Retire. Unit/Bus. Segment/Util.	matching the information
		Segment/Util. Account/Sub Account/GL Account	Account/Sub Account/GL Account	provided so the correct depr
		Company/Location combination. company_id =	Company/Location combination.	group can be determined for
		gl_account_id = utility_account_id =	company_id = gl_account_id =	closing the RWIP to the final
	Manual	sub_account_id = bus_segment_id =	utility_account_id = sub_account_id =	reserve. Correct the data on the
146	Unitization 257	asset_location_id =	bus_segment_id = asset_location_id =	WO.

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		Manual Unitization 258: Cannot create	Manual Unitization 258: Cannot create	
	Manual	Pending Transactions The charge_type table is	Pending Transactions The charge_type	Manual Unitization 258: Call
147	Unitization 258	not filled in properly.	table is not filled in properly.	PPC
			Manual Unitization 259: Cannot create	
	Manual	Manual Unitization 259: Cannot create	pending transactions with missing reserve	Manual Unitization 259:Call
148	Unitization 259	pending transactions with missing reserve data.	data.	PPC
		Manual Unitization 260: Cannot create	Manual Unitization 260: Cannot create	
	Manual	Pending Transactions ERROR: inserting into	Pending Transactions ERROR: inserting	Manual Unitization 260:
149	Unitization 260	pend_transaction_memo:	into pend_transaction_memo:	Call PPC
		Manual Unitization 261: Cannot create	Manual Unitization 261: Cannot create	
	Manual	Pending Transactions ERROR: inserting into	Pending Transactions ERROR: inserting	Manual Unitization 261: Call
150	Unitization 261	wo_unit_item_pend_trans:	into wo_unit_item_pend_trans:	PPC
		Manual Unitization 262: Multiple Inservice	Manual Unitization 262: Multiple	
	Manual	Processing Failed, Pending Transactions Not	Inservice Processing Failed, Pending	Manual Unitization 262:Call
151	Unitization 262	Created	Transactions Not Created	PPC
			Manual Unitization 263: Pending	
		Manual Unitization 263: Pending Transaction	Transaction Posting Amount does not	
		Posting Amount does not balance with your Pend	balance with your Pend Transaction Basis,	
	Manual	Transaction Basis, transactions were not created.	transactions were not created. Please	Manual Unitization 263: Call
152	Unitization 263	Please contact PowerPlant Support	contact PowerPlant Support	PPC
		Manual Unitization 264: Pending Transactions	Manual Unitization 264: Pending	
		and Pend Transaction Basis do not line up,	Transactions and Pend Transaction Basis do	
	Manual	transactions were not created. Please contact	not line up, transactions were not created.	Manual Unitization 264: Call
153	Unitization 264	PowerPlant Support	Please contact PowerPlant Support	PPC
		Manual Unitization 265: This work order	Manual Unitization 265: This work	Manual Unitization 265:
	Manual	cannot be unitized due to an error in the	order cannot be unitized due to an error in	Check the custom
154	Unitization 265	f_unitization_audit function !!!	the f_unitization_audit function !!!	f_unitization_audit function
		Manual Unitization 266: This work order	Manual Unitization 266: This work	Manual Unitization 266:
	Manual	cannot be unitized due to an error in the	order cannot be unitized due to an error in	Check the custom
155	Unitization 266	f_wo_audit_tax function:	the f_wo_audit_tax function:	f_wo_audit_tax function:
			Manual Unitization 267: This Joint	
		Manual Unitization 267: This Joint Work	Work Order has Children with Gain/Loss	
		Order has Children with Gain/Loss Retirements.	Retirements. Gain/Loss Retirements	Manual Unitization 267:
		Gain/Loss Retirements cannont be processed in	cannont be processed in Joint Work Order.	These work orders will have to
	Manual	Joint Work Order. These work orders will have to	These work orders will have to be	be unrelated and unitized
156	Unitization 267	be unrelated and unitized seperately	unrelated and unitized seperately	seperately
			Manual Unitization 268: There are no	Manual Unitization 268:
		Manual Unitization 268: There are no valid	valid asset locations for this work order's	Create valid valid asset locations
	Manual	asset locations for this work order's major	major location. This work order cannot be	for this work order's major
157	Unitization 268	location. This work order cannot be unitized.	unitized.	location.

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EDDOD ID	DESCRIPTION	LONG DESCRIPTION	ERROR REPORTED	ACTION
ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	Manual Unitization 269:
				Check your Property Unit Catalog
				as the property unit for the
				retirement unit specified has not
				been related to the Utility
				account and business segment
				specified. Alternatively, bad data
				on the WO may need to be
			Manual Unitization 269: WARNING:	corrected if the unitization
		Manual Unitization 269: WARNING: Cannot	Cannot create unit item: Invalid RU/UA/BS	information given is wrong, e.g.
	Manual	create unit item: Invalid RU/UA/BS combination:	combination:// The retirement unit	turbine should really not be in
158	Unitization 269	/ The retirement unit is:	is:	account 364.
136	Officization 209	/ The retirement unit is	15	Manual Unitization 270: A
				property group must be related
				to both the property unit of the
				retirement unit, and the function
				class of the utility account.
			Manual Unitization 270: WARNING:	Either add the missing property
		Manual Unitization 270: WARNING: No valid	No valid property groups found for RU =,	group relationship(s) or correct
			Func. Class = Check tables PROP	the WO data. Check tables PROP
	Manual	property groups found for RU =, Func. Class = Check tables PROP GROUP/PROP_UNIT and FUNC	GROUP/PROP UNIT and FUNC CLASS/PROP	GROUP/PROP_UNIT and FUNC
159	Unitization 270	_	GROUP	_
139	Officization 270	CLASS/PROP GROUP	GROUP	CLASS/PROP GROUP
				Manual Unitization 271: Tolerances can be used to make
				sure the amount of the WO is
			Manual Unitization 271. This work	within a specified percentage of
		Manual Unitization 271. This work and and door	Manual Unitization 271: This work	the estimate. If it falls outside
	Manual	Manual Unitization 271: This work order does	order does not pass the unitization	the limits define, this error will
100	Manual	not pass the unitization tolerance. This work	tolerance. This work order cannot be	result. Correct estimates or
160	Unitization 271	order cannot be unitized.	unitized.	charges or tolerance.
				Manual Unitization 272:
				Check your Property Unit Catalog
				as the property unit for the
				retirement unit specified has not
				been related to the Utility
				account and business segment
				specified. Alternatively, bad data
				on the WO may need to be
		A4	Manual Unitization 272: WARNING:	corrected if the unitization
		Manual Unitization 272: WARNING: Cannot	Cannot create unit item: Invalid	information given is wrong, e.g.
10:	Manual	create unit item: Invalid RU/UA/BS combination:	RU/UA/BS combination:// The	turbine should really not be in
161	Unitization 272	// The retirement unit is:	retirement unit is:	account 364.

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				Manual Unitization 273:
				Check the property
		Manual Unitization 273: Cannot create unit	Manual Unitization 273: Cannot create	group/property unit
	Manual	item: Invalid RU/PG combination:// Ret Unit	unit item: Invalid RU/PG combination:	combinations in table
162	Unitization 273	: Prop Group :	// Ret Unit : Prop Group :	maintenance.
				Manual Unitization 274: A
				property group must be related
				to both the property unit of the
				retirement unit, and the function
				class of the utility account.
			Manual Unitization 274: WARNING:	Either add the missing property
		Manual Unitization 274: WARNING: No valid	No valid property groups found for RU =,	group relationship(s) or correct
		property groups found for RU =, Func. Class =	Func. Class = Check tables PROP	the WO data. Check tables PROP
	Manual	Check tables PROP GROUP/PROP_UNIT and FUNC	GROUP/PROP_UNIT and FUNC CLASS/PROP	GROUP/PROP_UNIT and FUNC
163	Unitization 274	CLASS/PROP GROUP	GROUP	CLASS/PROP GROUP
			Automatic Non-Unitized 300: Work	
		Automatic Non-Unitized 300: Work order	order cannot be non-unitized due to an	Automatic Non-Unitized
_	Automatic	cannot be non-unitized due to an error in the	error in the f_non_unitization_audit	300: Check custom
164	Non-Unitized 300	f_non_unitization_audit function:	function:	f_non_unitization_audit function
		Automatic Non-Unitized 301: Work order	Automatic Non-Unitized 301: Work	Automatic Non-Unitized
	Automatic	cannot be processed due to an error in the	order cannot be processed due to an error	301: Check custom function
165	Non-Unitized 301	f_wo_audit_tax function	in the f_wo_audit_tax function	f_wo_audit_tax function
		Automatic Non-Unitized 302: Work Order not	Automatic Non-Unitized 302: Work	
		processed because there are already 101 or 106	Order not processed because there are	Automatic Non-Unitized
466	Automatic	Pending transaction additions. They must be	already 101 or 106 Pending transaction	302: post or delete the
166	Non-Unitized 302	posted or deleted	additions. They must be posted or deleted	transactions
			Automatic Non-Unitized 303: Work	
	At.a	Automatic Non-Unitized 303: Work Order not	Order not processed the Non Unitized	Automotic Nam Haiting
167	Automatic Non-Unitized 303	processed: the Non Unitized Account can not be the same as the unitized account	Account can not be the same as the unitized account	Automatic Non-Unitized 303: Fix the work order accounts
167	Non-Unitized 303	the same as the unitized account	Automatic Non-Unitized 304: No	303: Fix the work order accounts
		Automatic Non-Unitized 304: No charges have	charges have a utility account, there are no	Automatic Non-Unitized
	Automatic	a utility account, there are no 106 records on the	106 records on the CPR and no estimates	304: add a utility account to one
168	Automatic Non-Unitized 304	CPR and no estimates have a utility account	have a utility account	or more records in the estimates
100	Automatic	Automatic Non-Unitized 305: There are no	Automatic Non-Unitized 305: There	Automatic Non-Unitized
169	Non-Unitized 305	estimates	are no estimates	305: Add estimates
103	1.511 51111204 505	Automatic Non-Unitized 306: Cannot create	Automatic Non-Unitized 306: Cannot	555. Add Cathilates
		pending transactions Work Order The Cwip	create pending transactions Work Order	
	Automatic	107 amount does not equal the pending basis	The Cwip 107 amount does not equal	Automatic Non-Unitized
170	Non-Unitized 306	amount	the pending basis amount	306: Call PPC
1/0	INUIT-UTITIZEU 300	amount	Line penuning basis annount	JUU. CAII FFC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		Automatic Non-Unitized 307: Cannot create	Automatic Non-Unitized 307: Cannot	
		pending transactions Work Order No sub	create pending transactions Work Order	Automatic Non-Unitized
	Automatic	account exists for Utility Account ID: and Bus	No sub account exists for Utility Account	307: add a sub account to the
171	Non-Unitized 307	Segment ID:	ID: and Bus Segment ID:	sub account table
			Automatic Non-Unitized 308: Cannot	
		Automatic Non-Unitized 308: Cannot create	create pending transactions Work Order	
		pending transactions Work Order No Prop	No Prop Group found for Ret Unit ID:	Automatic Non-Unitized
		Group found for Ret Unit ID: and Func Class Id	and Func Class Id: Check the Prop	308: Check the 'Prop
	Automatic	: Check the Prop Group/Prop Unit and the	Group/Prop Unit and the Func Class/Prop	Group/Prop Unit' and the 'Func
172	Non-Unitized 308	Func Class/Prop Group tables	Group tables	Class/Prop Group' tables
			Automatic Non-Unitized 309: Cannot	
		Automatic Non-Unitized 309: Cannot create	create pending transactions Work Order	Automatic Non-Unitized
	Automatic	pending transactions Work Order No Asset	No Asset Location exists for Major	309: add Asset Location to the
173	Non-Unitized 309	Location exists for Major Location ID:	Location ID:	Major Location
	Automatic	Automatic Non-Unitized 310: Class Codes	Automatic Non-Unitized 310: Class	Automatic Non-Unitized
174	Non-Unitized 310	Error adding where clause	Codes Error adding where clause	310: Call PPC
			Automatic Non-Unitized 311: Pending	
		Automatic Non-Unitized 311: Pending	Transaction Posting Amount does not	
		Transaction Posting Amount does not balance with	balance with your Pend Transaction Basis,	
	Automatic	your Pend Transaction Basis, transactions were not	transactions were not created. Please	Automatic Non-Unitized
175	Non-Unitized 311	created. Please contact PowerPlant Support	contact PowerPlant Support	311: Call PPC
		Automatic Non-Unitized 312: Pending	Automatic Non-Unitized 312: Pending	
		Transactions and Pend Transaction Basis do not	Transactions and Pend Transaction Basis do	
	Automatic	line up, transactions were not created. Please	not line up, transactions were not created.	Automatic Non-Unitized
176	Non-Unitized 312	contact PowerPlant Support	Please contact PowerPlant Support	312: call PPC
	Automatic	Automatic Non-Unitized 313: Error updating	Automatic Non-Unitized 313: Error	Automatic Non-Unitized
177	Non-Unitized 313	pending_transaction.	updating pending_transaction.	313: call PPC
	Automatic	Automatic Non-Unitized 314: Error updating	Automatic Non-Unitized 314: Error	Automatic Non-Unitized
178	Non-Unitized 314	pending_basis.	updating pending_basis.	314: call PPC
	Automatic	Automatic Non-Unitized 315: Error updating	Automatic Non-Unitized 315: Error	Automatic Non-Unitized
179	Non-Unitized 315	class_code_pending_trans.	updating class_code_pending_trans.	315: Call PPC
		POST 231: 106 reversal amount from	POST 231: ERROR 106 reversal	
		cpr_ledger is not equal to the balance from the	amount from cpr_ledger is not equal to	
201	POST 231	individual depreciation table cpr_depr ,	balance from cpr_depr ,	POST 231: Call PPC
		POST 232: invalid activity type in pending	POST 232: ERROR invalid activity type	
202	POST 232	transaction	in cpr_depr transaction	POST 232: Call PPC
		POST 233: Default life is zero or NULL in utility	POST 233: Default life is zero or NULL	POST 233: Check the Utility
203	POST 233	account	in utility account	Account in Table Naintenance
				POST 234: Check Company
		POST 234: Default life is null or zero in	POST 234: Default life is null or zero in	Account Curves data in table
204	POST 234	company account curves table	company account curves table	maintenance

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		POST 235: Default life is Null or zero in	POST 235: Default life is Null or zero in	POST 235: Check property
205	POST 235	property unit	property unit	unit in table maintenance
		POST 236: Default life is null or zero in	POST 236: Default life is null or zero in	POST 236: Check data in
206	POST 236	company account curves or utility account	company account curves or utility account	Table maintenance
		POST 237: Error: Cannot Post to an	POST 237: Error: Cannot Post to an	
		individually depreciated asset after Depreciation	individual depr asset after Depreciation has	POST 237: Defer or delete
207	POST 237	has been approved for the month	been approved for the month	and reprocess later
		POST 238: Error: Cannot Post to a subledger	POST 238: Error: Cannot Post to a	
		after Depreciation has been approved for the	subledger after Depreciation has been	POST 238: Defer or delete
208	POST 238	month	approved for the month	and process later
		POST 239: cannot find major location from	POST 239: ERROR cannot find major	POST 239: Check the
209	POST 239	the asset location	location	location tables
		POST 240: cannot find the location type for	POST 240: ERROR cannot find location	POST 240: Check the
210	POST 240	the major location	type	location tables
		POST 241: Not enough info to determine	POST 241: Not enough info to	POST 241: Check the depr
		depr group from depr_group_control or depr	determine depr group from	group control table. Also make
211	POST 241	group is invalid	depr_group_control or depr group is invalid	sure the depr group is valid
		POST 243: Depr Group Business Segment is	POST 243: ERROR Depr Group	POST 243: Assign a Business
213	POST 243	NULL	Business Segment is NULL	Segment to the Depr Group
			-	POST 244: The business
		POST 244: The Asset's Business Segment is	POST 244: ERROR Asset Business	segment for the asset and the
		not equal to the Depr Group's Business Segment	Segment <> Depr Group Business	business segment for the depr
214	POST 244		Segment	group must be equal
		POST 245: Cannot Post to an individually	POST 245: Error: Cannot Post to an	POST 245: Defer or delete
		depreciated asset after Depreciation has been	individual depr asset after Depreciation has	the transaction and process it
215	POST 245	approved for the month	been approved for the month	later
			POST 246: Error: Cannot Post to a	POST 246: Defer or delete
		POST 246: Cannot Post to a subledger after	subledger after Depreciation has been	the transaction and process it
216	POST 246	Depreciation has been approved for the month	approved for the month	later
		POST 247: The subledger type for the Depr	POST 247: Error: Depr Group	POST 247: Check the
		Group is not equal to the subledger type in the	subledger type is not equal to the	depreciation group subledger
217	POST 247	transaction	transaction subledger type	indicator
		POST 249: Cannot find the company number	POST 249: ERROR Cannot find the	POST 249: Check the
218	POST 249	from the company table	company number	Company table
		POST 250: Cannot find the work order Id for		
		the work order number and company in the	POST 250: ERROR Cannot find the	
219	POST 250	transaction	work order Id	POST 250: Call PPC
		POST 251: Reserve Debit Account not Found	POST 251: Error: Reserve Debit	POST 251: Check depr
220	POST 251	in the depreciation group	Account not Found	group
		POST 252: Error: Retirement Debit Account	POST 252: Error: Retirement Debit	POST 252: Check depr
221	POST 252	not Found in the depreciation group	Account not Found	group

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		POST 253: Error: Retirement Credit Account	POST 253: Error: Retirement Credit	POST 253: check the
222	POST 253	not Found in the depreciation group	Account not Found	depreciation group
		POST 254: Reserve Debit Account not Found	POST 254: Error: Reserve Debit	POST 254: check the
223	POST 254	in the depreciation group	Account not Found	depreciation group
		POST 255: Credit Account for cost of removal	POST 255: Error: Credit Account for	POST 255: Check the
224	POST 255	not Found in the depreciation group	cost of removal not Found	depreciation group
		POST 256: Debit Account for cost of removal	POST 256: Error: Debit Account for	POST 256: check the
225	POST 256	not Found in the depreciation group	cost of removal not Found	depreciation group
		POST 257: Credit Account for cost of removal	POST 257: Error: Credit Account for	POST 257: check the
226	POST 257	not Found in the depreciation group	cost of removal not Found	depreciation group
		POST 258: salvage Debit Account not Found in	POST 258: Error: salvage Debit	POST 258: check the
227	POST 258	the depreciation group	Account not Found	depreciation group
		POST 259: Credit Account for salvage not	POST 259: Error: Credit Account for	POST 259: check the
228	POST 259	Found in the depreciation group	salvage not Found	depreciation group
		POST 260: salvage Debit Account not Found	POST 260: Error: salvage Debit	POST 260: check the
229	POST 260	in the depreciation group	Account not Found	depreciation group
		POST 261: salvage Credit Account not Found	POST 261: Error: salvage Credit	POST 261: check the
230	POST 261	in the depreciation group	Account not Found	depreciation group
		POST 262: gain/loss Debit Account not	POST 262: Error: gain/loss Debit	POST 262: check the
231	POST 262	Found in the depreciation group	Account not Found	depreciation group
		POST 263: Credit Account for gain/loss not	POST 263: Error: Credit Account for	POST 263: check the
232	POST 263	Found in the depreciation group	gain/loss not Found	depreciation group
		POST 264: gain/loss Debit Account not Found	POST 264: Error: gain/loss Debit	POST 264: check the
233	POST 264	in the depreciation group	Account not Found	depreciation group
		POST 265: gain/loss Credit Account not	POST 265: Error: gain/loss Credit	POST 265: check the
234	POST 265	Found in the depreciation group	Account not Found	depreciation group
		POST 266: Cannot find the 'FROM' company	POST 266: ERROR Cannot find the	POST 266: check the
235	POST 266	number in the company table	'FROM' company number	company table
		POST 267: Cannot find the 'TO' company	POST 267: ERROR Cannot find the	POST 267: check the
236	POST 267	number in the company table	'TO' company number	company table
		POST 268: GL Je code missing from the	POST 268: Error: GL Je code missing	
237	POST 268	transaction	from transaction	POST 268: Call PPC
		POST 269: Cannot Find Receivable GL	POST 269: Error: Cannot Find	POST 269: check the GL
238	POST 269	account in the GL account table	Receivable GL account	account table
		POST 270: Cannot Find Payable GL account	POST 270: Error: Cannot Find Payable	POST 270: check the GL
239	POST 270	in the GL account table	GL account	account table
		POST 271: Transfer_to Debit Account not		POST 271: Check the Oracle
		Found in the Oracle customized stored procedure	POST 271: Error: Transfer_to Debit	customized stored procedure
240	POST 271	pp_gl_transaction for entry 1010	Account not Found	pp_gl_transaction entry 1010

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50000 10	DESCRIPTION	LONG DESCRIPTION	EDDOD DEDODTED	ACTION
ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		POST 272: Transfer_from Credit Account not		POST 272: Check the Oracle
		Found in the Oracle customized stored procedure	POST 272: Error: Transfer_from Credit	customized stored procedure
241	POST 272	pp_gl_transaction for entry 1011	Account not Found	pp_gl_transaction entry 1011
		POST 273: Transfer_to life reserve Debit		POST 273: Check the Oracle
		Account not Found in the Oracle customized	POST 273: Error: Transfer_to life	customized stored procedure
242	POST 273	stored procedure pp_gl_transaction for entry 1018	reserve Debit Account not Found	pp_gl_transaction entry 1018
		POST 274: Transfer_to life reserve credit		POST 274: Check the Oracle
		Account not Found in the Oracle customized	POST 274: Error: Transfer_to life	customized stored procedure
243	POST 274	stored procedure pp_gl_transaction for entry 1019	reserve credit Account not Found	pp_gl_transaction entry 1019
		POST 275: Transfer_from cor reserve Debit		POST 275: Check the Oracle
		Account not Found in the Oracle customized	POST 275: Error: Transfer_from cor	customized stored procedure
244	POST 275	stored procedure pp_gl_transaction for entry 1020	reserve Debit Account not Found	pp_gl_transaction entry 1020
				POST 276: Check the
		POST 276: Transfer_from cor reserve Credit		Oracle customized stored
		Account not Found in the Oracle customized	POST 276: Error: Transfer_from cor	procedure pp_gl_transaction
245	POST 276	stored procedure pp_gl_transaction for entry 1021	reserve Credit Account not Found	entry 1021
		POST 277: Intercompany Transfer_to Debit		POST 277: Check the Oracle
		Account not Found in the Oracle customized	POST 277: Error: Intercompany	customized stored procedure
246	POST 277	stored procedure pp_gl_transaction for entry 1014	Transfer_to Debit Account not Found	pp_gl_transaction entry 1014
		POST 278: Intercompany Transfer_from		POST 278: Check the Oracle
		Credit Account not Found in the Oracle customized	POST 278: Error: Intercompany	customized stored procedure
247	POST 278	stored procedure pp_gl_transaction for entry 1015	Transfer_from Credit Account not Found	pp_gl_transaction entry 1015
			POST 279: Error: ARO book summary	POST 279: Check book
248	POST 279	POST 279: ARO book summary not found	not found	summary
		POST 280: cwip_gl_account Credit Account	POST 280: Error: Credit Account Code	POST 280: Check work
249	POST 280	Code not Found in work order account	not Found	order account
		POST 281: ARO Credit Account Code not	POST 281: Error: ARO Credit Account	POST 281: Check GL
250	POST 281	Found	Code not Found	accounts
		POST 282: Addition Debit Account not Found		POST 282: Check the Oracle
		in the Oracle customized stored procedure	POST 282: Error: Addition Debit	customized stored procedure
251	POST 282	pp_gl_transaction for entry 1000	Account Code not Found	pp_gl_transaction entry 1000
		POST 283: Addition Credit Account not		POST 283: Check the Oracle
		Found in the Oracle customized stored procedure	POST 283: Error: Addition Credit	customized stored procedure
252	POST 283	pp gl transaction for entry 1001	Account Code not Found	pp_gl_transaction entry 1001
		POST 284: Addition ARO Debit Account not		POST 284: Check the Oracle
		Found in the Oracle customized stored procedure	POST 284: Error: Addition ARO Debit	customized stored procedure
253	POST 284	pp_gl_transaction2 for entry 1016	Account Code not Found	pp_gl_transaction2 entry 1016
		POST 285: Addition ARO credit Account not		POST 285: Check the Oracle
		Found in the Oracle customized stored procedure	POST 285: Error: Addition ARO credit	customized stored procedure
254	POST 285	pp gl transaction2 for entry 1017	Account Code not Found	pp_gl_transaction2 entry 1017
255	POST 230			POST 230: Call PPC
255	POST 230	POST 230:Work order number cannot be null in the pending transactions	POST 230: Error: Work order number cannot be null	POST 230: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				POST 286: Check the Oracle
				customized stored procedure
		POST 286: External Credit Account Code is	POST 286: Error: External Credit	pp_gl_transaction or
256	POST 286	NULL	Account Code is NULL	pp_gl_transaction2
				POST 288: Check the Oracle
				customized stored procedure
		POST 288: External Debit Account Code is	POST 288: Error: External Debit	pp_gl_transaction or
257	POST 288	NULL	Account Code is NULL	pp_gl_transaction2
				POST 300: Check the Oracle
		POST 300: Error produced directly in the		customized stored procedure
		customized stored procedure pp_gl_transaction or	POST 300: Error from Customized	pp gl transaction and
258	POST 300	pp gl transaction2	Oracle procedure	pp_gl_transaction2
		POST 289: Cannot find the work order Id for	POST 289: ERROR Cannot find the	
259	POST 289	this company and work order number	work order Id for this company	POST 289: Call PPC
		POST 290: Cannot find special code for the	POST 290: ERROR Cannot find special	
260	POST 290	work order lookup	code for the work order lookup	POST 290: Call PPC
				POST 291: Choose a credit
		POST 291: Credit Account Missing in Adjust	POST 291: Error: Credit Account	account when making the
261	POST 291	Pending Transaction	Missing in Adjust Pending Transaction	adjustment transaction
	. 00. 251	POST 292: Adjust Debit Account not Found in	inissing in rejust rename transaction	POST 292: Check the Oracle
		the Oracle customized stored procedure	POST 292: Error: Adjust Debit Account	customized stored procedure
262	POST 292	pp_gl_transaction for entry 1012	Code not Found	pp_gl_transaction entry 1012
202	1031 232	POST 293: Adjust Credit Account not Found	Code not round	POST 203: Check the Oracle
		in the Oracle customized stored procedure	POST 293: Error: Adjust Credit	customized stored procedure
263	POST 293	pp_gl_transaction for entry 1013	Account Code not Found	pp_gl_transaction entry 1013
203	1031 233	pp_gr_transaction for entry 1013	Account code not round	POST 301: Check the
		POST 301: The posting quantity cannot make	POST 301: Error: The posting quantity	system control 'POST NEGATIVE
264	POST 301	the asset quantity negative	cannot make the asset quantity negative	QUANTITY
204	F 0 3 1 3 0 1	the asset quantity negative	cannot make the asset quantity negative	POST 302: check the system
		DOST 202: The posting amount cannot make	DOST 202: Error: The posting amount	control 'POST NEGATIVE
265	DOCT 202	POST 302: The posting amount cannot make	POST 302: Error: The posting amount	AMOUNT'
205	POST 302	the asset amount negative	cannot make the asset amount negative	
266	DOCT 202	POST 303: The posting amount cannot over	POST 303: Error: The posting amount	POST 303: Check the system
266	POST 303	retire or over transfer	cannot over retire or over transfer	control 'OVER RETIRE'
267	DOCT 205	DOCT 205	POST 305: ERROR mortality rate is	DOCT 205, C-II DDC
267	POST 305	POST 305: mortality rate is null	null	POST 305: Call PPC
				POST 306: Recalculate
			POST 306: ERROR mortality rate is	mortality memory from the CPR
268	POST 306	POST 306: mortality rate is zero	zero	control window
		POST 308: The replacement amount needs	POST 308: ERROR: The replacement	POST 308: Check the
		to be given as a positive number in	amount needs to be given as a positive	replacement amount in the
269	POST 308	pend_transaction	number in pend_transaction	work order estimate

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				POST 309: Check the CPR
		POST 309: No valid mass headers can be	POST 309: ERROR: No valid mass	assets being retired. Other
		found to retire from. (The cost or quantities may	headers can be found to retire from. (The	transactions being psoted may
270	POST 309	be zero.	cost or quantities may be zero.	have an effect
				POST 310: Recalculate
		POST 310: Mortality Memory Table record	POST 310: Error: Mortality Memory	mortality memory from the CPR
271	POST 310	missing for asset .	Table record missing for asset ,asset	control window
				POST 311: Recalculate
			POST 311: ERROR : Cannot find hw	mortality memory from the CPR
272	POST 311	POST 311: Cannot find hw factor for asset.	factor for asset.	control window
				POST 312: Recalculate
			POST 312: ERROR : Cannot find hw	mortality memory from the CPR
273	POST 312	POST 312: Cannot find hw factor for asset.	factor for asset.	control window
				POST 313: Recalculate
			POST 313: ERROR: Cannot find hw	mortality memory from the CPR
274	POST 313	POST 313: Cannot find hw factor for asset.	factor for asset.	control window
				POST 314: Recalculate
			POST 314: ERROR : Cannot find hw	mortality memory from the CPR
275	POST 314	POST 314: Cannot find hw factor for asset.	factor for asset.	control window
				POST 315: Recalculate
		POST 315: Mortality Memory Table record	POST 315: Error: Mortality Memory	mortality memory from the CPR
276	POST 315	missing for asset	Table record missing for asset ,asset	control window
				POST 316: Recalculate
		POST 316: projected mortality is NULL or	POST 316: Error: projected mortality	mortality memory from the CPR
277	POST 316	negative	is NULL or negative	control window
				POST 317: Recalculate
		POST 317: current mortality is NULL or	POST 317: Error: current mortality is	mortality memory from the CPR
278	POST 317	negative	NULL or negative	control window
				POST Recalculate mortality
			POST 318: Error: mortality rate is	memory from the CPR control
279	POST 318	POST 318: mortality rate is NULL	NULL	window
			POST 319: ERROR: retirement	
		POST 319: retirement quantity is greater	quantity is greater than total quantity	
280	POST 319	than total quantity remaining	remaining,	POST 319: call PPC
			POST 320: ERROR: retirement	
		POST 320: retirement quantity is greater	quantity is greater than total quantity	
281	POST 320	than total quantity remaining,	remaining,	POST 320: Call PPC
			POST 321: ERROR: Too many passes	
		POST 321: Too many passes on final iteration	on final iteration to determine retirement	
282	POST 321	to determine retirement quantities	quantities	POST 321: call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				POST 322: Recalculate
			POST 322: ERROR:	mortality memory from the CPR
283	POST 322	POST 322: total_projected_mortality is zero	total_projected_mortality is zero	control window
			POST 323: Error: The projected	POST 323: Recalculate
		POST 323: The projected mortality only	mortality only allows items to be	mortality memory from the CPR
		allows items to be retired. The remaining	retired.The remaining items need a	control window or switch to a
284	POST 323	items need a specific retirement.,	specific retirement.,	specific retirement
			POST 324: Internal Error: sum of	
		POST 324: Internal Error: sum of vintaged	vintaged quantities is not equal to	
285	POST 324	quantities is not equal to posting quantity	posting quantity,	POST 324: Call PPC
				POST 325: Recalculate
			POST 325: ERROR: hw_factors[i] is	mortality memory from the CPR
286	POST 325	POST 325: hw factors[i] is zero	zero	control window
		POST 326: Remaining amount = is	POST 326: ERROR: Remaining	
287	POST 326	negative,	amount = is negative,	POST 326: Call PPC
		POST 327: ERROR: Remaining quantity =	POST 327: ERROR: Remaining	
288	POST 327	is negative,	quantity = is negative,	POST 327:call PPC
				POST 328: See system
		POST 328: The posting quantity cannot make	POST 328: Error: The posting quantity	control 'POST NEGATIVE
289	POST 328	the asset quantity negative	cannot make the asset quantity negative	QUANTITY'
		. , 9		POST 329: See system
		POST 329: The posting amount cannot make	POST 329: Error: The posting amount	control 'POST NEGATIVE
290	POST 329	the asset amount negative	cannot make the asset amount negative	AMOUNT'
		9	POST 330: ERROR: First set of books	
		POST 330: First set of books amount does	amount does not equal retirement	
291	POST 330	not equal retirement amount	amount ,	POST 330: Call PPC,
		·		POST 335: Check interface
		POST 335: number of retirements must be	POST 335: ERROR: number of	logic if transactions come from
292	POST 335	negative for Mass retirement procressing	retirements must be negative	an interface. If not, call PPC
		POST 336: Cannot determine the retirement	POST 336: ERROR : Cannot determine	POST 336: Check the
293	POST 336	method from the property unit	the retirement method	property unit
			POST 337: ERROR : Cannot do Mass	POST 337: Check the
		POST 337: Cannot do Mass Retirements for	Retirements for Curve Auto or Life Auto	retirement method for the
294	POST 337	Curve Auto or Life Auto Retire Methods	Retire Methods	property unit
		POST 338: Posting amount, if given, must be	POST 338: ERROR : Posting amount, if	POST 338: Check interface
		negative for specific retirement against a mass	given, must be negative for specific	logic if transaction comes from
295	POST 338	asset	retirement	an interface.If not ,call PPC
				POST 339: Check the
			POST 339: Error: Asset not found	interface if the transaction
		POST 339: Asset given for the transactions	for a specific Mass Retirement ,	comes from an interface. If not,
296	POST 339	is not a CPR asset	ldg_asset_id	call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				POST 340: Check the CPR
		POST 340: No valid mass headers can be	POST 340: ERROR : No valid mass	assets being retired. Other
		found to retire from. (The cost or quantities may	headers can be found to retire from. (The	transactions being psoted may
297	POST 340	be zero.	cost or quantities may be zero.	have an effect
				POST 341: Check interface
		POST 341: Asset Id for this specific	POST 341: Error: Asset Id can not be	code if transaction comes from
298	POST 341	retirement is not found in the CPR Ledger	found for this specific retirement	an interface. If not, call PPC
				POST 342: Check interface
		POST 342: Asset Id for this specific	POST 342: Error: Asset not found ,	code if transaction comes from
299	POST 342	retirement is not found in the CPR Ledger	ldg_asset_id	an interface. If not, call PPC
				POST 343: Recalculate
		POST 343: Mortality Memory Table record is	POST 343: Error: Mortality Memory	mortality memory from the CPR
300	POST 343	missing for this asset	Table record is missing for this asset	control window
				POST 344: Recalculate
		POST 344: Mortality Memory Table record	POST 344: Error: Mortality Memory	mortality memory from the CPR
301	POST 344	missing for asset	Table record missing for asset ,asset	control window
				POST 345: Recalculate
		POST 345: projected mortality is NULL or	POST 345: Error: projected mortality	mortality memory from the CPR
302	POST 345	negative	is NULL or negative	control window
				POST 346: Recalculate
		POST 346: current mortality is NULL or	POST 346: Error: current mortality is	mortality memory from the CPR
303	POST 346	negative	NULL or negative	control window
				POST 347: Recalculate
			POST 347: Error: mortality rate is	mortality memory from the CPR
304	POST 347	POST 347: mortality rate is NULL	NULL	control window
			POST 348: Error: Cannot Read Assets	POST 348: Check the CPR
305	POST 348	POST 348: Cannot Find CPR Assets to FIFO	to FIFO	records
			POST 349: ERROR: retirement	
		POST 349: retirement quantity is greater	quantity is greater than total quantity	
306	POST 349	than total quantity remaining	remaining,	POST 349: call PPC
			POST 350: ERROR: retirement	
		POST 350: retirement quantity is greater	quantity is greater than total quantity	
307	POST 350	than total quantity remaining	remaining,	POST 350: call PPC
		. , ,	POST 351: ERROR: retirement	
		POST 351: retirement quantity is greater	quantity is greater than total quantity	
308	POST 351	than total quantity remaining	remaining,	POST 351: call PPC
		. , ,	POST 352: ERROR: Too many passes	
		POST 352: Too many passes on final iteration	on final iteration to determine retirement	
309	POST 352	to determine retirement quantities	quantities	POST 352: call PPC
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,	POST 353: Recalculate
			POST 353: ERROR:	mortality memory from the CPR
310	POST 353	POST 353: total projected mortality is zero	total projected mortality is zero	control window

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			POST 354: Error: The projected	POST 354: Recalculate
		POST 354: The projected mortality only	mortality only allows items to be	mortality memory from the CPR
		allows items to be retired. The remaining	retired.The remaining items need a	control window or switch to a
311	POST 354	items need a specific retirement.,	specific retirement.,	specific retirement
			POST 355: Internal Error: sum of	
		POST 355: Internal Error: sum of vintaged	vintaged quantities is not equal to	
312	POST 355	quantities is not equal to posting quantity	posting quantity,	POST 355: call PPC
		POST 356: Remaining amount = is	POST 356: ERROR: Remaining	
313	POST 356	negative,	amount = is negative,	POST 356:call PPC
		POST 357: Remaining quantity = is	POST 357: ERROR: Remaining	
314	POST 357	negative,	quantity = is negative,	POST 357: call PPC
				POST 358: See system
		POST 358: The posting quantity cannot make	POST 358: Error: The posting quantity	control 'POST NEGATIVE
315	POST 358	the asset quantity negative	cannot make the asset quantity negative	QUANTITY'
		. , ,	. , ,	POST 359: See system
		POST 359: The posting amount cannot make	POST 359: Error: The posting amount	control 'POST NEGATIVE
316	POST 359	the asset amount negative	cannot make the asset amount negative	AMOUNT'
		POST 360 : The posting amount cannot over	POST 360: Error: The posting amount	POST 360: See system
317	POST 360	retire	cannot over retire	control 'Over Retire'
-			POST 361: ERROR : First set of books	
		POST 361: First set of books amount does	amount does not equal retirem amount	
318	POST 361	not equal retirem amount	,	POST 361: Call PPC
		POST 362: cannot Determine reserve factor	POST 362: Error: cannot Determine	
319	POST 362	for asset	reserve factor for asset, asset	POST 362: Call PPC
		POST 363: cannot Determine reserve factor	POST 363: Error: cannot Determine	
320	POST 363	for asset	reserve factor for asset, asset	POST 363: Call PPC
321	POST 364	POST 364: total cost is zero	POST 364: ERROR: total_cost is zero	POST 364: Call PPC
321	1 031 304	POST 365: Cannot retire from the parent	POST 365: Error: Cannot retire from	1 031 304. cuil 1 C
		related asset. The retire ratio is negative or more	the parent related asset. The retire ratio is	
		than 1 because the sum of the children related	negative or more than 1 because the sum	
322	POST 365	assets is,	of the children related assets is,	POST 365: call PPC
322	1 031 303	POST 366: Cannot determine the automatic	POST 366: Error: cannot determine	1 031 303. cuil 1 C
		close work order for the related asset from the	the automatic close work order for the	POST 366: Check the
323	POST 366	company table	related asset, related_asset	company table
323	1 031 300	company table	related asset, related_asset	POST 367: Check Utility
			POST 367: ERROR:	Account table and check system
		POST 367: mortality curve id or expected	mortality curve id or expected life not	control 'MORTALITY CURVE
324	POST 367	life not found from utility account table	found from utility account table	ACCOUNT LOOKUP'
324	F 031 307	inc not round from utility_account table	POST 368: ERROR :	POST 368: Check
		POST 368: mortality_curve_id or expected	mortality_curve_id or expected life not	company_account_curves table
325	POST 368	life not found from company account curves	found from company_account_curves	and check system control
343	FU31 300	_ ine not round from company_account_curves	Tourid Itotil company_account_curves	and check system control

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				'MORTALITY CURVE ACCOUNT
				LOOKUP'
				POST 369: Check
			POST 369: ERROR:	retirement unit table and check
		POST 369: mortality_curve_id or expected	mortality_curve_id or expected life not	system control 'MORTALITY
326	POST 369	life not found from retirement unit	found from retirement unit	CURVE ACCOUNT LOOKUP'
				POST 370: check system
				control 'MORTALITY CURVE
			POST 370: ERROR: expected_life is	ACCOUNT LOOKUP' and then
327	POST 370	POST 370: expected_life is zero	zero	check the table being referenced
		POST 371: (after_point1 - before_point1 is	POST 371: ERROR: (after_point1 -	
328	POST 371	zero	before_point1 is zero	POST 371: Call PPC
				POST 372: Recalculate
			POST 372: ERROR: projected	mortality memory from the CPR
329	POST 372	POST 372: projected mortality is negative	mortality is negative	control window
				POST 100: Call PPC. There is
				an error in the PowerPlant base
				code or in a customized interface
		POST 100: The Work Order number in the	POST 100: Error: Work Order number	that produces the
330	POST 100	pend_transaction table cannot be null	cannot be null in pend_transaction	pend_transaction.
				POST 108: Call PPC. The
				version of the post program
				being executed does not
				correspond to the database
		POST 108: The Post code has an internal		setting. Either your are running
		version number that does not t match the		an incorrect post program, or the
		database post_version column in the pp_version	POST 108: Post Code does not	database setting must be
331	POST 108	table	match DB Post ,	changed.
				POST 102: Call PPC. A work
		POST 102: There is more than one Work	POST 102: Error: There is more than	Order Number must correspond
		Order Id in the work_order_control table for this	one Work Order Id for this Work Order and	to a unique work_order_id for a
333	POST 102	Work Order Number and Company	Company	given company
				POST 104: Call PPC. For a
		POST 104: This Work Order does not exist in	POST 104: Error: Cannot find	Work Order to be posted it must
		the work_order_control table for the company in	work_order_id for this company for Work	exist in the work_order_control
335	POST 104	the the pending transaction	Order	table
				POST 105: Call PPC. If an
		POST 105: The asset id in the ldg_asset_id		asset id is given in the
		column in the pend_transaction table is not a CPR	POST 105: Error: asset from pend	pend_transaction table, it must
336	POST 105	asset	transaction is not on CPR,	exist in the CPR

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				POST 106: Call PPC. A
		POST 106: A specific retirement or transfer	POST 106: Error: asset id not given for	specific retirement or transfer
337	POST 106	transaction must have an asset id	Transaction trans id =	transaction must have an asset id
				POST 110: Check the CPR
		POST 110: Either the CPR cost is zero for this	POST 110: ERROR Cannot	Ledger Cost. If it is not zero,
		asset, or other transactions in the set of	Retire: Asset Cost is zero. Other retirements	check the other transactions
		transactions being posted may have decreased the	in this batch may have retired the asset	being posted. One or more of
338	POST 110	asset cost already	already	them may affect the same asset.
				POST 107: Call PPC. If the
				system flag Input retirement
		POST 107: There is no pend_basis record for	POST 107: ERROR Missing pend_basis	Basis' is set to True , the
		the retirement , but the system flag ' Input	record, but system flag - Input retirement	retirement transaction has to
339	POST 107	retirement Basis' is set to True	Basis - is True	have a pend_basis record
				POST 109: Call PPC. There
		POST 109: The transaction requires a	POST 109: ERROR Missing pend_basis	must be a pend_basis record for
340	POST 109	pend_basis record.	record	this transaction
				POST 111: Call PPC. Pend
		POST 111: Pend Basis record is Zero but the		Basis record is Zero but the
		system control 'Input Retirement Basis' is set to	POST 111: ERROR Input Basis is Zero	system control 'Input Retirement
341	POST 111	true	but Input Retirement Basis Flag is true	Basis' is set to true
				POST 112: Call PPC. The
				sum of the book basis amounts
		POST 112: The sum of the book basis amounts		in pend_basismust equal the
		in pend_basis does not equal the posting amount	POST 112: ERROR: Input Basis does	posting amount in
342	POST 112	in pend_transaction	not equal the posting amount,	pend_transaction
		POST 113: If the gain_loss column in		
		pend_transaction is NULL and Post needs to	POST 113: Error: Cannot compute	
		compute the gain_loss for the first set of books,	gain/loss for the first set of booksince	
		then the salvage_returns, salvage_cash,	salvage_returns, salvage_cash, or	
242	DOCT 442	cost_of_removal or reserve_credits in	cost_of_removal is null or reserve_credits	DOCT 442 C !! DDC
343	POST 113	pend_transaction cannot be NULL	is null	POST 113: Call PPC.
		POST 114: POST 113: If Post needs to	DOCT 444 5 0 1	
		compute the gain_loss for another set of books,	POST 114: Error: Cannot compute	
		then the salvage_returns, salvage_cash,	gain/loss for other set of books since	
344	POST 114	cost_of_removal or reserve_credits in pend transaction cannot be NULL	salvage_returns, salvage_cash, or cost_of_removal or reserve_credits is null	POST 114: Call PPC
544	PU31 114	penu_transaction cannot be NOLL	cost_or_removal or reserve_credits is full	
			DOCT 115. Francis A cubic decar	POST 115: Chech the asset
		DOST 11E: A subladger retirement transaction	POST 115: Error: A subledger retirement must have a specific retirement	accounting method and the retirement method for the
2/15	DOCT 11E	POST 115: A subledger retirement transaction must have a specific retirement method	1 · · · · · · · · · · · · · · · · · · ·	
345	POST 115	must have a specific retirement method	method	property unit

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POST 116: Call PPC
1031 113. 00.111 0
oup Id
POST 117: Call PPC
for
POST 118: Call PPC
POST 119: Either this is
minor transfer where the 'TO'
asset is the same as the 'FROM'
an asset, or this is a transfer of a
MASS asset back to itself
POST 120: The 'TO' depr
group is determined when the
transaction is created. If the depr
group control table is changed
before the transaction is posted,
the depr group to be assigned to
up the asset may now be different.
You may need to delete and
recreate the transfer
POST 121: Run the
Balancing Alerts between depr
ledger and cpr ledger to see if
there is a problem independently
of these transactions. If there is a problem but you still want to
for post this transfer, turn off the
system switch
POST 123: Call PPC. Both
the 'FROM' and the 'TO'
transaction must be present
when either is being posted.
POST 124: Check the depr
·
depr group seetings for the
e., subledger indicator
POST 125: Call PPC. This
may be a conversion problem

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		balance must equal the CPR 106 balance for this		
		work order.		
				POST 126: Check the
		POST 126: If the replacement_amount		retirement method for the
		column in pend_transaction is not zero, the	POST 126: Error: The retirement	retirement unit if the
		retirement method needs to be HW - Fifo or HW -	method needs to be HW - Fifo or HW -	replacement amount is set in the
356	POST 126	Curve	Curve	estimate.
				POST 127: Rebuild the
		POST 127: A mass retirement requires that all		mortality memory table from the
		eligible mass assets to retire from have a record in	POST 127: Error: No mortality memory	cpr control window. If this fails to
357	POST 127	the mortality memory table.	record found	fix the problem call PPC.
				POST 128: Rebuild the
			POST 128: Error: Cannot add a new	mortality memory table from the
		POST 128: Cannot add a new mortality	mortality memory record. Min	cpr control window. If this fails to
358	POST 128	memory record. Min mortality_rate is zero	mortality_rate is zero	fix the problem call PPC.
				POST 130: Check the depr
		POST 130: The depr group cannot be	POST 130: Error: The depr group	group control settings and the
		determined perhaps because of the subledger	cannot be determined. It's either or	depr group seetings for the
359	POST 130	indicator setting in the depr group	Check the subledger indicator in usage.,	subledger indicator
				POST 131: Check the asset
2.52	DOC= 404	POST 131: Cannot process an MADD (mass	POST 131: Cannot process an MADD	accounting method for the
360	POST 131	add) for an individually depreciated asset	for a cpr depr asset	property unit. It must be specific
		POST 132: If the system control 'POST		
		BALANCE CWIP 106' is set to true, the CWIP 106	DOCT 422 5 CUMP 406	DOCT 433 C II DDC TI :
264	DOCT 422	balance must equal the CPR 106 balance for this	POST 132: Error: CWIP 106 not	POST 132: Call PPC. This
361	POST 132	work order.	equal to CPR 106 ,	may be a conversion problem
		DOCT 122. Circus and a second is	POST 133: Error: Since a replacement	POST 133: Check the
		POST 133: Since a replacement amount is	amount is given to generate a retirement	retirement method for the
		given to generate a retirement transaction for this	transaction for this addition, the retirement	retirement unit if the
362	POST 133	addition, the retirement method needs to be HW - Fifo or HW - Curve	method needs to be HW - Fifo or HW - Curve	replacement amount is set in the estimate.
302	PUST 133		Curve	estimate.
		POST 134: A Mass retirement cannot be a 106 Mass retirement. Mass retirements only apply	POST 134: ERROR A Mass retirement	POST Check the retirement
363	POST 134	to 101 assets	cannot be a 106 Mass retirement	method for the retirement unit .
303	FU31 134	POST 135: 101 Mass retirement found an	Callifor be a 100 Mass lettilelliellt	method for the retirement unit.
		amount of for 106 retirements, A mass ADD	POST 135: ERROR Mass retirement	
364	POST 135	should have retired them already	found an amount of for 106 retirements,	POST Call PPC
304	1 051 133	POST 136: Unknown activity type in the	Tourist air airiodift of for 100 fetherilefits,	1031 Call 1 FC
		pending transaction. The only activities allowed	POST 136: ERROR unknown activity	
365	POST 136	are in the activity_code table	type in transaction	POST 136: Call PPC
303	1 051 130	are in the activity_code table	type in transaction	1001 100. Call FFC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				POST 137: Add the non-
		POST 137: Cannot find the cwip non-unitized	POST 137: Error: Cannot find the cwip	unitized account to the work
366	POST 137	gl account for the work order	non_unitized gl account for wo	order
		POST 138:Work Order has no charges in		
		charge group control. This table hold the	POST 138: Error: Work Order has no	
367	POST 138	unitization details	charges in charge group control	POST 138: Call PPC
		POST 139: There are charges in cwip_charge		POST 139: Delete the
		dated past the current accounting month that	POST 139: Error: cannot unitize future	pending transactions and unitize
368	POST 139	were unitized	charges	them later
		POST 140: There are GL accounts in the	-	POST 140: Delete the
		charges that do not match the GL accounts for the	POST 140: Error: Invalid GL account	pending transactions , fix the
369	POST 140	work order	has in charges being unitized,	accounts and reunitize
				POST 141: Delete the
		POST 141: Some charges going in service have	POST 141: Error: Some charges going	pending transactions and let
370	POST 141	future dates past the accounting month	in service have future dates	them go in service later
		POST 142: There are GL accounts in the		POST 142: Delete the
		charges that do not match the GL accounts for the	POST 142: Error: Invalid GL account	pending transactions , fix the
371	POST 142	work order	has in charges being non-unitized,	accounts and reunitize
_		POST 143: Work Order has no charges in the	POST 143: Error: Work Order has no	
372	POST 143	table charge group control	charges in charge group control	POST 143: Call PPC
		The same same same same same same same sam	enanger in enange group control	POST 144: 139: Delete the
		POST 144: There are charges in cwip_charge	POST 144: Error: cannot post future	pending transactions and process
373	POST 144	dated past the current accounting month	charges	them later
3.0		POST 145: There are GL accounts in the	0.10.1860	POST 145: Delete the
		charges that do not match the GL accounts for the	POST 145: Error: Invalid GL account	pending transactions , fix the
374	POST 145	work order	has in retirement charges being unitized,	accounts and reunitize
<i>57</i> .		POST 146: Functional Class Id is NULL in the	POST 146: Error:Functional Class Id is	
375	POST 146	pending transaction	NULL	POST 146: Call PPC
373	1031140	POST 147: Company Id is NULL in the	11022	1031 140. Can11 C
376	POST 147	pending transaction	POST 147: Error: Company Id is NULL	POST 147: Call PPC
370	1031 147	perioning transaction	POST 147: Error: Utility Account Id is	1031 147. Call 11 C
377	POST 148	POST 148: Utility Account Id is NULL	NULL	POST 148: Call PPC
378	POST 149	POST 149: Gl Account ld is NULL	POST 149: Error:Gl Account Id is NULL	POST 149: Call PPC
	500-1-0		POST 150: Error:Asset Location Id is	2007.470.0.11.270
379	POST 150	POST 150: Asset Location Id is NULL	NULL	POST 150: Call PPC
			POST 151: Error:In Service Year is	
380	POST 151	POST 151: In Service Year is NULL	NULL	POST 151: Call PPC
			POST 152: Error: Sub Account Id is	
381	POST 152	POST 152: Sub Account Id is NULL	NULL	POST 152: Call PPC
		POST 153: Description column is NULL in the		
382	POST 153	pending transaction	POST 153: Error:Description is NULL	POST 153: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
			POST 154: Error:FERC Activity Code is	
383	POST 154	POST 154: FERC Activity Code is NULL	NULL	POST 154: Call PPC
		POST 155: The pend transaction posting	POST 155: Error: pend transaction	
		amount not equal the sum of the item dollars in	posting amount not equal to item dollars	
384	POST 155	the pend_subledger_entry table	,	POST 155: Call PPC
		POST 156: The pend transaction salvage		
		amount not equal the sum of the item salvage	POST 156: Error: pend transaction	
385	POST 156	dollars in the pend_subledger_entry table	salvage not equal to item salvage ,	POST 156: Call PPC
		POST 157: The pend transaction gain/loss		
		amount not equal the sum of the item gain/loss	POST 157: Error: pend transaction	
386	POST 157	dollars in the pend_subledger_entry table	gain/loss not equal to item gain/loss ,	POST 157: Call PPC
		POST 158: The pend transaction COR amount		
		not equal the sum of the item COR dollars in the	POST 158: Error: pend transaction cor	
387	POST 158	pend_subledger_entry table	not equal to item cor ,	POST 158: Call PPC
			POST 159: Error: Posting Quantity is	
388	POST 159	POST 159: Error: Posting Quantity is NULL	NULL	POST 159:call PPC
			POST 160: Error:Posting Amount is	
389	POST 160	POST 160: Posting Amount is NULL	NULL	POST 160: Call PPC
		-	POST 161: Error:Property Group Id is	
390	POST 161	POST 161: Property Group Id is NULL	NULL	POST 161: call PPC
			POST 162: Error:Subledger Indicator Id	
391	POST 162	POST 162: Subledger Indicator Id is NULL	is NULL	POST 162: Call PPC
		-	POST 163: Error:Business Segment Id	
392	POST 163	POST 163: Business Segment Id is NULL	is NULL	POST 163: Call PPC
			POST 164: Error: GI Posting Month is	
393	POST 164	POST 164: GI Posting Month is NULL	NULL	POST 164: Call PPC
		-	POST 165: Error:Posting Status Id is	
394	POST 165	POST 165: Posting Status Id is NULL	NULL	POST 165: Call PPC
			POST 166: Error:Asset Accounting	
395	POST 166	POST 166: Asset Accounting Method is NULL	Method is NULL	POST 166: Call PPC
			POST 167: Error: Accounting	
		POST 167: Accounting Method/Retire	Method/Retire Method Combination is	POST 167: Check the
396	POST 167	Method Combination is Invalid	Invalid	property unit settings
			POST 168: Error: Accounting	
		POST 168: Accounting Method/Retire	Method/Retire Method Combination is	POST 168: Check the
397	POST 168	Method Combination is Invalid	Invalid	property unit settings
			POST 169: Error: Accounting	
		POST 169: Accounting Method/Retire	Method/Retire Method Combination is	POST 169: Check the
398	POST 169	Method Combination is Invalid	Invalid	property unit settings
		POST 170: Accounting Method/Activity Code	POST 170: Error: Accounting	
399	POST 170	Combination Invalid	Method/Activity Code Combination Invalid	POST 170: call PPC

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ERROR_ID	DESCRIPTION	LONG DESCRIPTION	ERROR REPORTED	ACTION
			POST 171: Error: Transaction	
		POST 171: Transaction subledger indicator	subledger indicator does not match	POST 171: Check the
400	POST 171	does not match property unit	property unit	property unit settings
		POST 172: Cannot Find the month to post in	POST 172: Error: Cannot Find the	,
401	POST 172	cpr control	month to post in cpr control	POST 172: Call PPC
		POST 173: Error: Cannot Post to a Closed		POST 173: Defer the
		Month. CPR processing is closed for the accounting	POST 173: Error: Cannot Post to a	transaction or delete it and
402	POST 173	month in the transaction	Closed Month	process it later
102	1 031 173	POST 174: Cannot Post if the previous	POST 174: Error: Cannot Post if the	POST 174: Defer the
		accounting month is still 'powerplant open' in	previous month is still 'powerplant open' in	transaction or delete it and
403	POST 174	CWIP	CWIP	process it later
403	F031 174	POST 175: Cannot Find the previous	POST 175: Error: Cannot Find the	process it later
404	POST 175	accounting month in wo process control	previous month in wo process control	POST 175: Call PPC
404	FO31 173	POST 176: Cannot Post if the previous month	POST 176: Error: Cannot Post if the	POST 176: Close the month
405	POST 176	is still open in CWIP	previous month is still open in CWIP	in CWIP
405	PUST 176	POST 177: Cannot find the current month in	POST 177: Error: Cannot Find the	III CWIP
406	DOCT 477			DOCT 477, C-II DDC
406	POST 177	wo_process_control	current month in wo_process_control	POST 177: Call PPC
		DOCT 170 0 D	DOCT 470 5 0 1 D 1:51	POST 178: Defer or delete
	202-120	POST 178: Cannot Post if the current month is	POST 178: Error: Cannot Post if the	the transaction and process it
407	POST 178	closed in CWIP	current month is closed in CWIP	later
		POST 179: Pending Transaction values do not		
		agree with the values in the CPR for the asset	POST 179: Error: Pending Transaction	
408	POST 179	being processed	values do not agree with asset values	POST 179: Call PPC
			POST 180: Error:There is no 'Transfer	
409	POST 180	POST 180:There is no 'Transfer To' record	To' record	POST 180: Call PPC
				POST 181: Transfers
				transactions must have the
			POST 181: Error: Cannot find the	'FROM" and the 'TO' transactions
		POST 181: Cannot find the Transfer TO	Transfer TO transaction or it may not be	approved to post at the same
410	POST 181	transaction or it may not be approved to Post	approved to Post	time
		POST 182: The depr group found by Post is	POST 182: Error: The depr group	
		not the same as the depr group assigned when the	found is not the same as the depr group	POST 182: Check the depr
411	POST 182	'TO' transaction was created	in the 'TO' transaction,	group control settings
		POST 183: Cannot change books schema on a	POST 183: Error: Cannot change books	POST 183: Delete and
412	POST 183	transfer	schema on a transfer	recreate the transfer
		POST 184: Cannot determine the asset	POST 184: Error: Cannot determine	POST 184: Check the
413	POST 184	accounting method on a transfer	asset type on a transfer	property group setting
		POST 185: Cannot Update the retire	POST 185: Error: Cannot Update the	
414	POST 185	transactions table	retire transactions table	POST 185: Call PPC
		POST 186: Cannot determine the reserve		POST 186: If this is a new
		allocation factor for the asset from the	POST 186: Error: cannot Determine	asset, it cannot be transfered
415	POST 186	depr res allo factors table	reserve factor for asset, asset	during the same month because

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
				the reserve allocation factor is
				computed when the month is
				closed. If this is not a new asset,
				call PPC
				POST 187: If this is a new
				asset, it cannot be transfered
				during the same month because
				the reserve allocation factor is
		POST 187: Cannot determine the reserve		computed when the month is
		allocation factor for the asset from the	POST 187: Error: cannot Determine	closed. If this is not a new asset,
416	POST 187	depr_res_allo_factors table	reserve factor for asset, asset	call PPC
			POST 188: Error: Cannot retire from	
		POST 188: Cannot retire from the parent	the parent related asset. The retire ratio is	
		related asset. The retire ratio is negative or more	negative or more than 1 because the sum	
417	POST 188	than 1.	of the children related assets is,	POST 188: Call PPC
			POST 189: Error: cannot Determine	
		POST 189: Cannot Determine the automatic	the automatic close work order for the	
418	POST 189	close work order for the related asset	related asset, related_asset	POST 189: Call PPC
			POST 190: Error: cannot Determine	
		POST 190: Cannot Determine the automatic	the automatic close work order for the	
419	POST 190	close work order for the related asset	related asset, related_asset	POST 190: Call PPC
				POST 191: Check the CPR
				balance and other transactions
		POST 191: Other transactions being posted at	POST 191: Error: Cannot Retire if cpr	against the same asset being
420	POST 191	the same time may affect the CPR balance	balance is zero	posted together
				POST 192: Check the CPR
		POST 192: Cannot Unretire if the CPR asset	POST 192: Error: Cannot Unretire if	basis and also other transactions
421	POST 192	basis is zero	the basis is zero	against the same asset
		POST 193: Post recalculated the retirement		
		amount agains the retirement basis and they are	POST 193: Error: Recalc Retire Basis	
422	POST 193	not the same,	not equal to retire amount,	POST 193: Call PPC
		POST 194: Retire roundoff error too large in	POST 194: Retire roundoff error too	
423	POST 194	the calculations	large: Retire Amt: Basis : ,	POST Call PPC
		POST 196: Could not update the table	POST 196: Could not update	
424	POST 196	mortality_history	mortality_history	106: Call PPC
		POST 197: The error is coming from the		
		processing of a related asset, not from the original	POST 197: Error: Related asset	POST 197: Check the
425	POST 197	retirement	error: , ldg_asset_id	related asset relationships
		POST 198: The error is coming from the		
		processing of a related asset, not from the original	POST 198: Error: Mass Related asset	POST 198: Check the
426	POST 198	retirement	:,retire_asset_id	related asset relationships

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
_		POST 437: Error is from the original related	_	
427	POST 437	asset, not from a related Mass asset	POST 437: Error: Mass asset:	POST 437: Check CPR ledger
		POST 199: Internal processing memory		
428	POST 199	buffer is too small	POST 199: Error: Buffer is too small	POST 199: Call PPC
		POST 200: The sum of the subledger basis	POST 200: Internal Error: asset	
429	POST 200	does not equal the subledger amont	subledger cost <> subledger basis,	POST 200: Call PPC
		POST 202: The posting amount recomputed		
		by POST does not equal the transaction posting	POST 202: Internal Error: posting	
431	POST 202	amount	amount <> original amount,	POST 202: Call PPC,
		POST 203: The posting quantity recomputed		
		by POST does not equal the transaction posting	POST 203: Internal Error: posting	
432	POST 203	quantity	quantity <> original quantity,	POST 203: Call PPC
		POST 204: The posting amount does not	POST 204: Internal Error: asset	
433	POST 204	equal the sum of the transaction book basis	ledger cost <> ledger basis,	POST 204: Call PPC
				POST 213: Check the CPR
				and also other pending
		POST 213: no non-zero assets found for FIFO	POST 213: ERROR : no non-zero assets	transactions against the same set
442	POST 213	retirements.	found for FIFO.	of assets
		POST 214: Total CPR Accum cost is less than	POST 214: ERROR : Total Accum cost	
443	POST 214	retire amount during FIFO processing	is less than retire amount,	POST 214: Call PPC
		POST 215: The replacement amount needs	POST 215: ERROR : The replacement	
		to be given as a positive number in	amount needs to be given as a positive	POST 215: Check the work
444	POST 215	pend_transaction	number in pend_transaction	order estimate settings
				POST 216: Check the CPR
		DOCT 246	DOCT 246 FDDOD	and also other pending
445	DOST 246	POST 216: no non-zero assets found for FIFO-	POST 216: ERROR: no non-zero assets	transactions against the same set
445	POST 216	HW.	found for FIFO-HW.	of assets
		DOCT 247. Courset have do Williams of a transfer	DOCT 247. EDDOD - Courset find how	POST 217: Rerun the HW
446	DOCT 247	POST 217: Cannot handy Whitman factor for	POST 217: ERROR : Cannot find hw	mortality memory calculation
446	POST 217	asset.	factor for asset.	from the CPR monthly window
		DOCT 210. Connet bonds Militare a feeten fen	DOCT 240. EDDOD . Commet find b	POST 218: Rerun the HW
447	DOCT 210	POST 218: Cannot handy Whitman factor for	POST 218: ERROR : Cannot find hw	mortality memory calculation
447	PU31 218	asset.		Trom the CPR monthly window
		DOST 210: All accets processed but total		
118	POST 210	· ·	1 '	POST 219: Call DDC
440	F U 31 Z 13		i	FOST 213. Call FFC
449	POST 220			POST 220: Call PPC
443	F 0 31 220	,		1 031 220. Call FFC
450	PUST 380	· ·	•	POST 380. Call PPC
750	1 031 300		· _ ·	1 051 500. Call FFC
451	POST 381	·	,	POST 381: call PPC
447 448 449 450 451	POST 218 POST 219 POST 220 POST 380 POST 381	POST 219: All assets processed but total indexed cost retired <> replacement_amount POST 220: Amount to retire is more than the layer amounts POST 380: Cannot update the reserve transfer out amount in depr_ledger POST 381: Cannot update the reserve transfer in amount in depr_ledger	factor for asset. POST 219: ERROR: All assets processed but total indexed cost retired <> replacement_amount, POST 220: Error: Amount to retire is more than the layer amounts POST 380: Error: Cannot update the reserve transfer out amount in depr_ledger POST 381: Error: Cannot update the reserve transfer in amount in depr_ledger	POST 219: Call P POST 220: Call PF POST 380: Call PF POST 381: call PF

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		POST 382: Book Schema has not been	POST 382: Error: Book Schema has	
452	POST 382	determined	not been determined	POST 382: Call PPC
				POST 383: The
				cpr_act_depr_group table
				contains a pairing of a CPR asset
			POST 383: Error: Cannot find depr	id with all depr groups the asset
		POST 383: Cannot find depr group from	group from cpr_act_depr_group for asset	has been related to. This table
453	POST 383	cpr_act_depr_group for asset	, ldg_asset_id	contains no entry. Call PPC
		POST 384: Cannot read reserve amount for		POST 384: If the asset was
		some set of books. There may not be an entry in		just created this month, the
		the depr_res_allo_factor table for the depreciation	POST 384: Error: Cannot read reserve	reserve allocation factors have
		group and vintage of this asset for the current	amount for some set of books. There may	not been created yet, so the
454	POST 384	accounting month	not be a depr_res_allo_factor entry	transaction has to be deferred.
			POST 385: Error: books: depr	
455	DOCT 205	POST 385: books: depr reserve <> life	reserve <> life reserve + cor reserve	DOCT 205 C U DDC
455	POST 385	reserve + cor reserve ,	,	POST 385: Call PPC
		DOCT 200 beales described in life	POST 386: Error: books: depr	
450	DOCT 200	POST 386: books: depr reserve <> life	reserve <> life reserve + cor reserve	DOCT 20C. Call DDC
456	POST 386	reserve + cor reserve ,	, DOCT 207: Furan Danama must be	POST 386: Call PPC
		DOCT 207. December must be given an need	POST 387: Error: Reserve must be	
457	POST 387	POST 387: Reserve must be given on pend	given on pend transaction for subledger transfers	DOST 207, call DDC
457	PUST 387	transaction for subledger transfers POST 388: Cannot read reserve amount for	POST 388: Error: Cannot read reserve	POST 387: call PPC
		some set of books from cpr_depr table for this	amount from cpr_depr table for this month	
458	POST 388	month for this individually depreciated asset	for some set of books	POST 388: Call PPC
436	FU31 366	POST 389: Cannot update the reserve	POST 389: Error: Cannot update the	F031 386. Call FFC
459	POST 389	transfer out amount in depr ledger	reserve transfer out amount in depriledger	POST 389: call PPC
433	F O S 1 3 0 3	POST 390: Cannot update the reserve	POST 390: Error: Cannot update the	F031 383. Call FFC
460	POST 390	transfer in amount in depr ledger	reserve transfer in amount in depr ledger	POST 390: call PPC
400	1031 330	POST 394: There are no records in	reserve transfer in amount in depr_leager	1 031 330. 00111 0
		pend subledger entry table for this subledger	POST 394: Error: There are no	
464	POST 394	transaction	pend_subledger_entries	POST 394: Call PPC
		transaction.	POST 395: Error: Pend transaction	
		POST 395: Pend transaction additions do not	additions not equal	
465	POST 395	equal pend subledger entry additions	pend_subledger_entry additions ,	POST 395: Call PPC
		POST 396: Cannot find default life from	POST 396: Cannot find default life	POST 396: Check property
466	POST 396	property unit	from property unit	unit table
		POST 397: asset dollars can not be null in		
467	POST 397	pend_subledger_entry	POST 397: asset dollars can not be null	POST 397: Call PPC
		POST 402: Cannot Read basis amounts from	POST 402: Error: Cannot Read basis	
472	POST 402	pend subledger basis	amounts from pend_subledger_basis	POST 402: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		POST 405: Cannot update the subledger	POST 405: Error: Cannot update the	
475	POST 405	accum cost	subledger accum cost	POST 405: Call PPC
		POST 408: There are no	POST 408: Error: There are no	
476	POST 408	pend_subledger_entries	pend_subledger_entries	POST 408: Call PPC
			POST 409: Error: Pend transaction	
		POST 409: Pend transaction adjustments not	adjustments not equal	
477	POST 409	equal pend subledger entry adjustments	pend_subledger_entry adjustments ,	POST 409: Call PPC
		POST 410: There are no pending subledger	POST 410: Error: There are no pending	
478	POST 410	records	subledger records	POST 410: Call PPC
			POST 411: Error: The retire ratio	
479	POST 411	POST 411: The retire ratio cannot be null	cannot be null	POST 411: Call PPC
		POST 412: Error: Pend transaction	POST 412: Error: Pend transaction	
		retirements do not equal pend subledger entry	retirements not equal	
480	POST 412	retirements	pend_subledger_entry retirements ,	POST 412: call PPC
		POST 413: Error: Missing Subledger Depr	POST 413: Error: Missing Subledger	
481	POST 413	record for this asset item	Depr record for this asset item	POST 413: Call PPC
101	1 001 113	POST 414: Cannot Read the subledger	POST 414: Error: Cannot Read the	1 001 110. 00
482	POST 414	balance	subledger balance	POST 414: call PPC
402	1031 414	POST 415: gain/loss from pend_transaction	POST 415: Error: gain/loss from	1031 414. 6411116
		does not equal gain/loss from	pend_transaction not equal to gain/loss	
483	POST 415	pend_subledger_entry	from pend_subledger_entry ,	POST 415: call PPC
403	1031413	POST 416: Cost of removal from	POST 416: Error: Cost of removal from	1031 413. Call 11 C
		pend_transaction does not equal Cost of removal	pend_transaction not equal to Cost of	
484	POST 416	from pend_subledger_entry	removal from pend_subledger_entry ,	POST 416: call PPC
404	FO31 410	POST 417: Salvage from pend_transaction	POST 417: Error: Salvage from	FO31 410. Call FFC
		does not equal salvage from	pend_transaction not equal to salvage	
485	POST 417	pend_subledger_entry	from pend_subledger_entry ,	POST 417: Call PPC
463	PU31 417	pena_subleager_entry	†	PO31 417. Call PPC
		POST 418: Retirements from	POST 418: Error: Retirements from pend transaction not equal to	
		pend transaction does not equal Retirements	Retirements from pend_subledger_entry	
486	POST 418	· =	Retirements from pena_subleager_entry	DOST 419, Call DDC
480	PU31 418	from pend_subledger_entry	, DOST 410. Faren Missing dama	POST 418: Call PPC,
107	DOCT 410	DOST 410: Missing door subladger record	POST 419: Error: Missing depr	DOST 410. Call DDC
487	POST 419	POST 419: Missing depr subledger record	subledger record for,	POST 419: Call PPC
400	DOCT 420	POST 420: Missing Subledger Basis record for	POST 420: Error: Missing Subledger	DOST 420: II DDC
488	POST 420	this asset item	Basis record for this asset item	POST 420: call PPC
400	DOCT 424	POST 421: Updating a subledger basis entry	POST 421: Updating a subledger basis	DOCT 424 UDDC
489	POST 421	older than the current one	entry older than the current one	POST 421: call PPC
		POST 422: Cannot read current subledger	POST 422: Error: Cannot read current	
490	POST 422	basis record	subledger basis record	POST 422: call PPC
			POST 423: Error: Cannot Update Pend	
491	POST 423	POST 423: Cannot Update Pend Basis	Basis	POST 423: Call PPC

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ERROR_ID	DESCRIPTION	LONG_DESCRIPTION	ERROR_REPORTED	ACTION
		POST 430: Missing Pend subledger entry for	POST 430: Missing Pend subledger	
492	POST 430	'FROM' asset	entry for 'FROM' asset	POST 430: Call PPC
		POST 431: Missing Pend subledger entry for	POST 431: Missing Pend subledger	
493	POST 431	'TO' asset	entry for 'TO' asset	POST 431: Call PPC
		POST 432: Cannot transfer info item to	POST 432: Error: Cannot transfer info	POST 432: Delete and
494	POST 432	another item	item to another item	rebuild the transfer
			POST 433: Error: Pend transaction	
		POST 433: Pend transaction transfer does not	transfer not equal pend_subledger_entry	
495	POST 433	equal pend_subledger_entry transfer	transfer ,	POST 433: call PPC
		POST 434: Pend transaction reserve transfer	POST 434: Error: Pend transaction	
		does not equal pend_subledger_entry reserve	reserve transfer not equal	
496	POST 434	transfer	pend_subledger_entry reserve transfer ,	POST 434: Call PPC
			POST 435: Error: Pend transaction	
		POST 435: Pend transaction transfer does not	transfer not equal pend_subledger_entry	
497	POST 435	equal pend_subledger_entry transfer	transfer ,	POST 435: Call PPC
		POST 436: Pend transaction reserve transfer	POST 436: Error: Pend transaction	
		does not equal pend_subledger_entry reserve	reserve transfer not equal	
498	POST 436	transfer	pend_subledger_entry reserve transfer ,	POST 436: Call PPC
				A unitized transaction is
				being posted but there are no
				records in the charge group
				control table. This can only
		POST 143: There are no unitization entries in	POST 143: There are no unitization	happen if this is a joint work
		charge group control and this is not a joint parent	entries in charge group control and this is	order whose children are
499	POST 143	work order	not a joint parent work order	unitized. Contact PPC
			POST 438: Set of books 1 not defined	
		POST 438: Set of books 1 not defined in	in COMPANY_SET_OF_BOOKS table for this	Please enter data
500	POST 438	COMPANY_SET_OF_BOOKS table for this company	company	COMPANY_SET_OF_BOOKS
				The changes can not be
	Unitization		Unitization 186: Error Fast Grouping	pregrouped for unitization.
501	186	Unitization 186: Error Fast Grouping Charges	Charges	Contact PPC
		POST 439: ERROR: number of retirements	POST 439: ERROR : number of	Number of retirements
502	POST 439	must be an integer	retirements must be an integer	must be an integer

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The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 In Re: Gas Infrastructure, Safety, and Reliability Plan FY2022 Responses to the Commission's Second Set of Data Requests Issued on January 14, 2021

PUC 2-3

Request:

Assuming the Company must meet a "used and useful" standard before any expenses associated with a capital project can be recovered, what are the ratemaking implications of the Commission "approving" the proposed budget of \$4.9 million for the Aquidneck Island project? In other words, is it the Company's understanding that once the Commission approves the budget proposal of \$4.9 million, the Commission has made a definitive determination that the expenses are appropriately capitalized and cannot revisit any rate accounting or cost recovery issues again when a project, if any, is constructed and put into rate base?

Response:

The Company believes that if the Commission approves the spending proposal of \$4.9 million, the Commission retains the opportunity to review that decision as part of the Fiscal Year (FY) 2022 ISR annual reconciliation filing to determine if the actual spending was appropriately capitalized. If the Company does not move forward with plans to construct one or both projects associated with the \$4.9 million spending proposal, the Company will propose an appropriate adjustment in the Gas ISR FY 2022 reconciliation filing, which will be filed by August 1, 2022.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099
In Re: Gas Infrastructure, Safety, and Reliability Plan FY2022
Responses to the Commission's Second Set of Data Requests
Issued on January 14, 2021

PUC 2-4

Request:

If the Commission were to determine that it is premature to "approve" \$4.9 million of costs associated with evaluation of alternatives for the Aquidneck Island project until the Company has a specific solution approved by the Energy Facility Siting Board, would the Company reduce its \$4.9 million of expenditures, or go forward as proposed? If the Company would reduce the expenditures, please explain why.

Response:

As detailed in the proposed Fiscal Year (FY) 2022 Gas ISR Plan, the Company believes it is prudent to advance assessments of three alternative infrastructure options in FY 2022: (1) Portable LNG at a new site on Navy-owned property; (2) Permanent LNG Storage at a new site on Navy-owned property; and (3) use of an LNG barge for offshore storage and vaporization. National Grid believes it is prudent to begin the site review for all three infrastructure options at this time to ensure that the Company has alternatives if it determines that one or more of the potential infrastructure solutions cannot move forward due to circumstances such as site conditions, failure to receive all required permits, or difficulties identifying an acceptable route for the necessary main extension. Advancing multiple options at this early stage will allow the Company to determine with greater certainty the solution that will achieve the objective of replacing the recurring portable LNG at Old Mill Lane at the lowest cost to the Company's customers. The Company anticipates having enough information to make a final decision in FY 2022.

The work included in the ISR Plan would be needed for an Energy Facility Siting Board ("EFSB") application, so the Company would not have a solution approved by the EFSB until the work proposed in the ISR for that solution was completed. If the Commission were to determine it is premature to approve \$4.9 million of expenditures related to option advancement and evaluation, the Company would need time to develop a new approach. When the Company develops its new approach, the Company will consider reducing the proposed work to reduce the FY2022 expenditures, which will result in a delay of submitting an EFSB application for replacement of the current portable LNG site at Old Mill Lane. Any delay to the Company's proposed plan will result in extending the need for portable LNG at Old Mill Lane.