CIS Replacement UTD- RDD-C-1-50-50 Critical Care Reduced Rate Project Monthly Report - Final - Unit Test Document

Unit Test Document -

RDD-C-1-50-50 Critical Care Reduced Rate Monthly Report - Final

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Author : Reddy Ani

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CIS Replacement	UTD- RDD-C-1-50-50 Critical Care Reduced Rate
Project	Monthly Report - Final - Unit Test Document

Document Information

Business Area	ELECTRIC MARKET OPERATIONS
GAP/CR ID/RICEFW	RDD-C-1-50-50
FS Definition Form ID	
SAP R/3 Version	
Global / Local	

Approval

Approved by	Name	Role	Signature	Date
Process				
Team Lead				
Development				
Team Lead				

Document History

Version	Reason for change	Date
1.0	Initial Draft	03/28/2022

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1. General Information

,			RDD-C-1-50-50 Development ID :								
Development Title:			Critical Care Reduced Rate Monthly Report								
Implement. Phase											
Message Class:											
Develop. Class:											
Module:											
UTD User/User Grou	p:										
		С	ontact	Det	ails:						
Prepared By		Jani				Prep Date:	03/28/2022				
		Phone	Numbe	r:							
		Email	Address	5 :							
Business/Functional	Analyst:										
		Phone	Numbe	r:							
		Email	Address	: :							
Functional Area User	r Contact:										
	PRIMARY:										
		Phone	Numbe	r:							
		Email	Address	: :							
	Secondary:										
		Phone	Numbe	r:							
		Email	Address	s :							
Run Frequency					Languages						
Priority:					Complexity:						

Transport Information

Transport Number	Transport Description				
HZDK900500	RDD-C-1-50-50 Critical Care Reduced Rate Report - CP Dev				
HZDK900508	RDD-C-1-50-50 Critical Care Reduced Rate Report - Query Dev				

Unit Test Document

2. Description and Purpose

The system shall provide a calendar monthly report of all accounts being billed only for TC charges as a result of a rejected DNP for critical care. The report should show the actual bill amount, what the full bill amount would have been normally, the difference along with total counts and dollar amounts and ESI ID and CR details.

Note: Currently the basic data is generated by executing a query via EAI. The results of the query are then incorporated to the report to be delivered. The EMO-Service Orders Team adds the full billing amount. See attachments for copy of report.

If the Critical Care State is either "pending" or "active" and the Premise Registry Type is CCC (Critical Care Customer), CCCT (Critical Care Customer Temporary), CLI (Critical Load Industrial) or CLP (Critical Load Public Safety) and the request type is a 65001 with purpose code DC001, DC004, or DC005, (i.e. DNP market transaction) the system shall do the following:

- Generate the 650_02 reject with the reject code and description:
 - CCC Critical Care Customer For Premise Registry Type CCC or CCCT
 - o CLC Critical Load Customer For Premise Registry Type CLI or CLP
- · Update the transaction status of the 650_01 to Rejected
- Create a time sliced installation fact entry 'Critical Care'. This installation fact entry is the indicator for the billing engine to assess only surcharge related charges (Reduced rate/TC charges).

This is a monthly report of all accounts that were billed with the reduced rate during the previous month and will include the ESI ID, CR, rate and usage details. This report goes into the monthly management report binder.

It should also include what would be the charges if the installation would have been using the full rate and the difference between the charges. Currently, the calculation for the full residential rate is manually being calculated. Going forward, the billing engine will calculate both 'full' and 'reduced' bill. Only the reduced billing will be invoiced to the market. The system will store and pass the invoiced components as well as the calculated full charges to the reporting repository. The report will include these fields and calculate the difference.

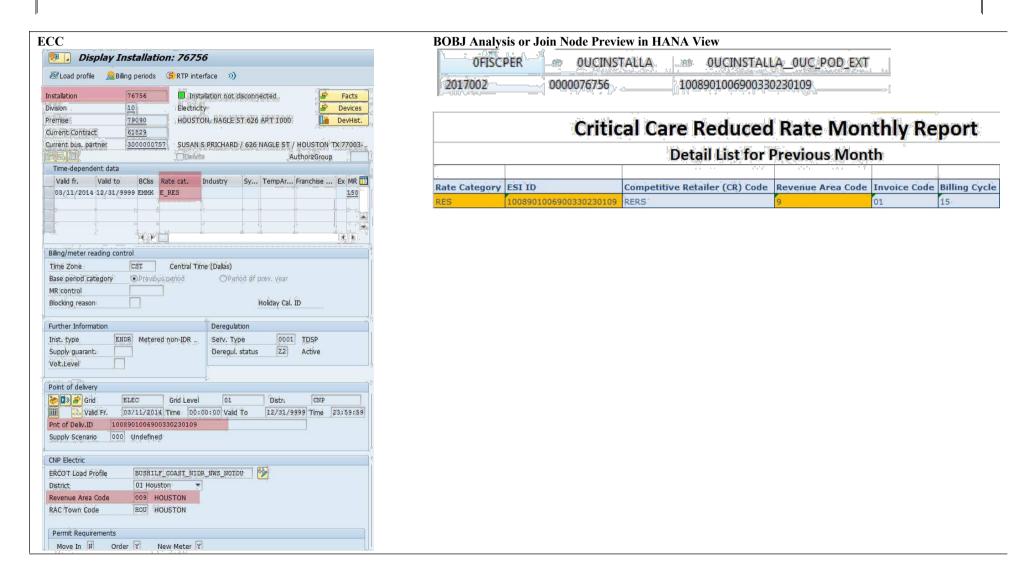
Unit Test Document

3. Unit Test Plan

Test 1: Installation is linked to the correct ESI ID, Rate Category, Revenue Area Code

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Test	Step	Step Description	Test Data	Expected Result	Actual Result	Executed By/Date	Remarks				
Condition											
Test	1	Run the report or preview		Analysis report value	Analysis report value	Jani, Mukherjee	Pass				
Installation with correct ESI ID,		data from HANA view		should match value from ECC T-Code ES32	matched value from ECC T-Code ES32	03/28/2022					
Rate Category,											
Revenue Area											
Code											

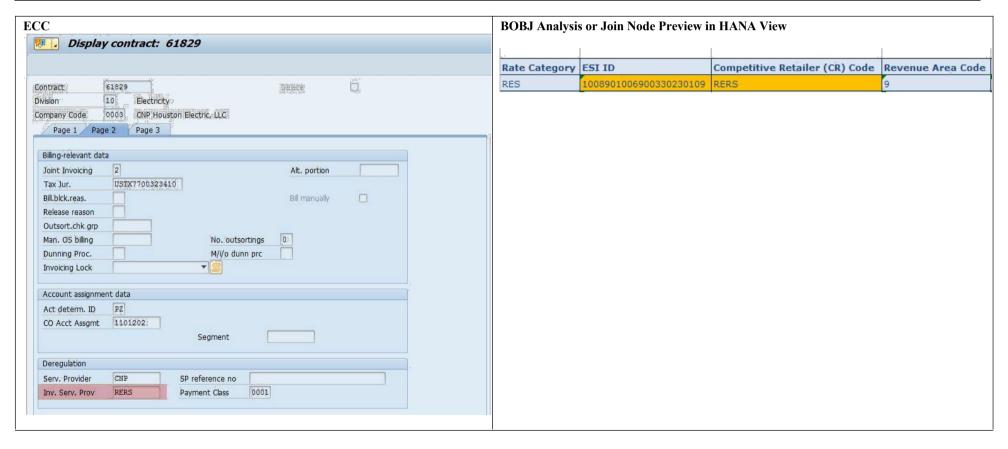
Unit Test Document



Unit Test Document

Test 2: Example record is linked with correct CR Code

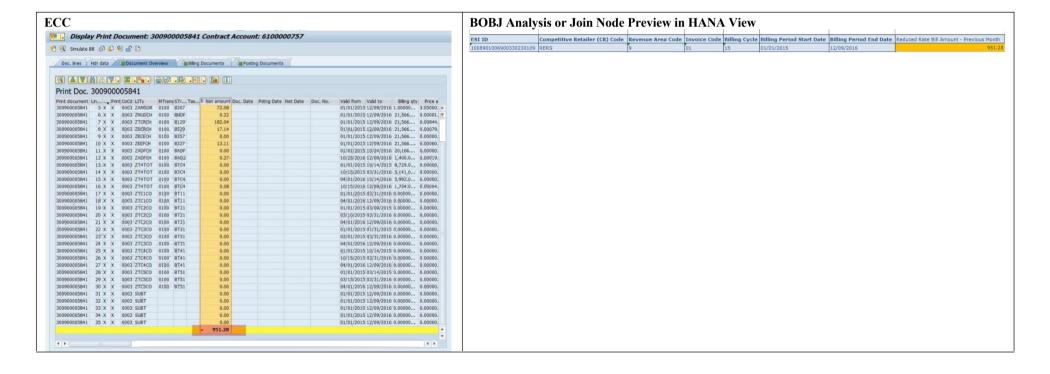
Test Condition	Step	Step Description	Test Data	Expected Result	Actual Result	Executed By/Date	Remarks
Test CR code value	1	Run the report		Example ESI ID is linking the correct CR code with ECC	Example ESI ID has been linked the correct CR code with ECC	Jani, Mukherjee 03/28/2022	Pass



Unit Test Document

Test 3: Test Billing Amount

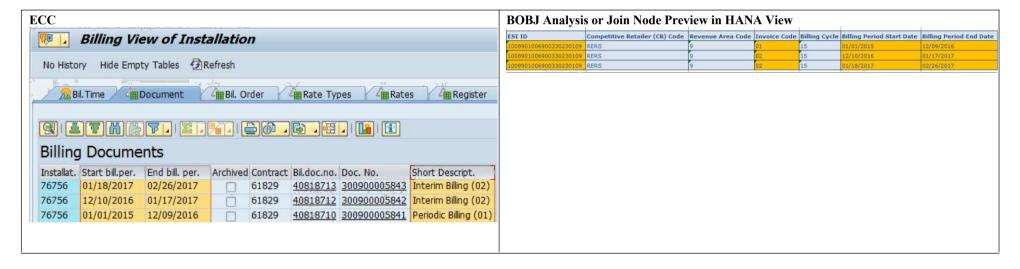
Test Condition	Step	Step Description	Test Data	Expected Result	Actual Result	Executed By/Date	Remarks
Validate Data between ECC & Analysis Report for Billing Amount	1	Run the report		Billing amount from ECC should match with amount from Analysis report	Billing amount from ECC matched with amount from Analysis report	Jani, Mukherjee 03/28/2022	Pass



Unit Test Document

Test 4: Whether Billing Periods are correct

Test Condition	Step	Step Description	Test Data	Expected Result	Actual Result	Executed By/Date	Remarks
Validate billing period between ECC & Analysis Report	1	Run the report		Billing period should match between T-code es32 & Analysis Report	Billing period matched between T-code es32 & Analysis Report	Jani, Mukherjee 03/28/2022	Pass

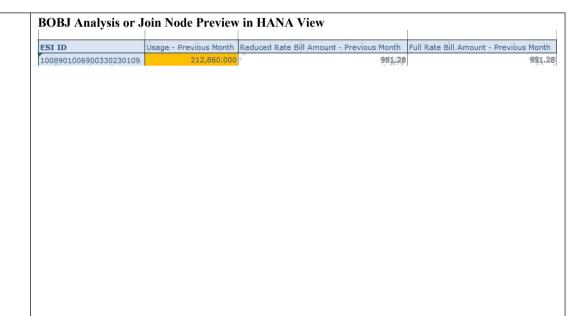


Unit Test Document

Test 5: Validate Usage Data

Test Condition	Step	Step Description	Test Data	Expected Result	Actual Result	Executed By/Date	Remarks
Compare between ZCBI06O0 DSO and BOBJ Analysis Report Value	1	Run the report		Value from ZCBI06O0 will Match with BOBJ Analysis Report	Value from ZCBI06O0 Matched with BOBJ Analysis Report	Jani, Mukherjee 03/28/2022	Pass

V					
2017002	201/	0000070730	1000201000200330230102		
2017002	2017	0000076756	1008901006900330230109		
2017002	2017	0000076756	1008901006900330230109	273,757	KWH.
2017002	2017	0000076756	1008901006900330230109	273,757	KWH
2017002	2017	0000076756	1008901006900330230109		
2017002	2017	0000076756	1008901006900330230109	273,757	KWH
2017002	2017	0000076756	1008901006900330230109	273,757	KWH
2017002	2017	0000076756	1008901006900330230109	273,757	KWH
2017002	2017	0000076756	1008901006900330230109	273,757	KWH
2017002	2017	0000076756	1008901006900330230109	273,757	KWH
2017002	2017	0000076756	1008901006900330230109	273,914-	KWH:
2017002	2017	0000076756	1008901006900330230109	273,857	KWH
2017002	2017	0000076756	1008901006900330230109		
2017002	2017	0000076756	1008901006900330230109		
2017002	2017	0000076756	1008901006900330230109		
2017002	2017	0000076756	1008901006900330230109		
2017002	2017	0000076756	1008901006900330230109		
2017002	2017	0000076756	1008901006900330230109	8.729,00	KWH
2017002	2017	0000076756	1008901006900330230109	5,141,00	KWH.
2017002	2017	0000076756	1008901006900330230109	5.992,00	KWH
2017002	2017	0000076756	1008901006900330230109	304,00	KWH
2017002	2017	0000076756	1008901006900330230109	1.400,00	KWH
				212.860,00	KWH



Unit Test Document

Error Handling - functionality in case of errors (e.g. Customer not found, Record already exists)

Test	Step	Step Description	Test Data	Expected Result	Actual Result	Executed By/Date	Remarks
Condition							

4. Review Checklists