**Case No. 12-M-0476 et al.**
**EDI Business/Technical Working Groups**
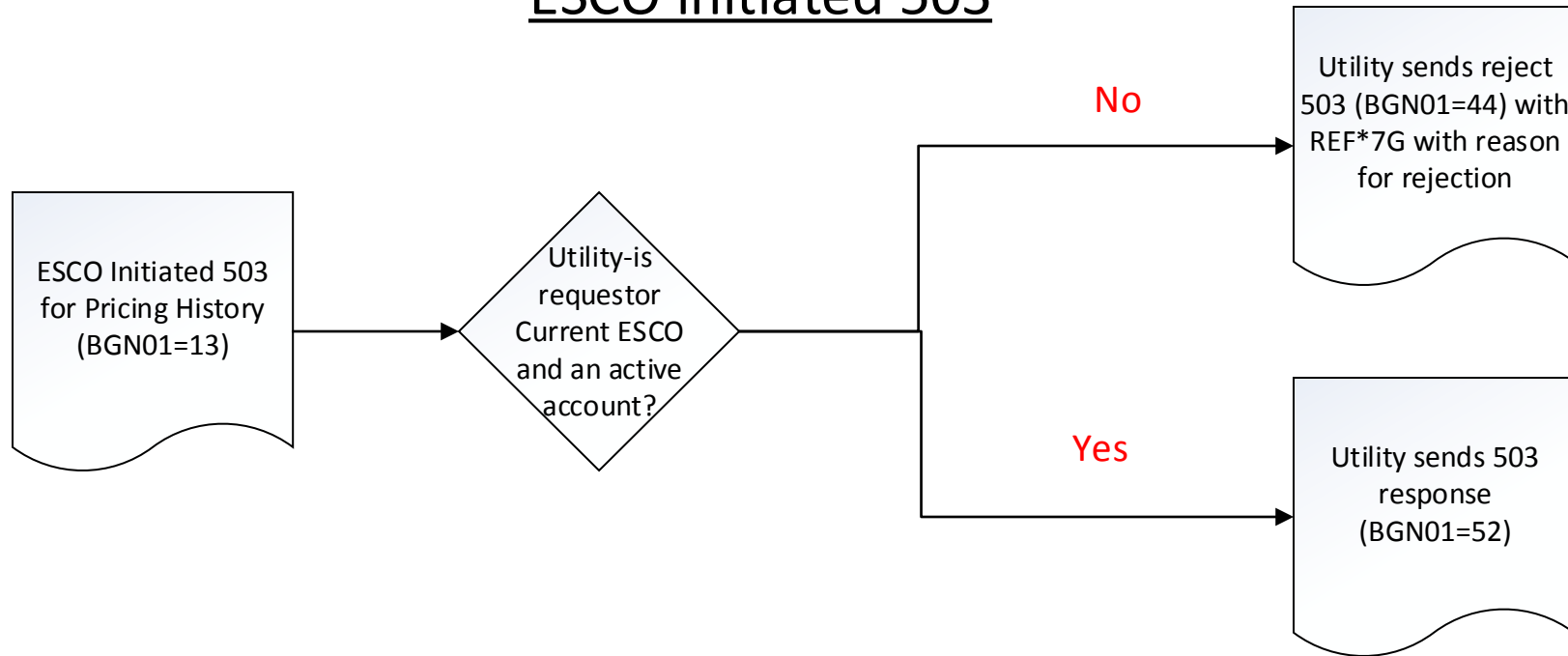**Workpaper – 503 Transaction Technical Team Status Report - 4/1/2016**

Issue:  What changes, if any, need to be made to the 503 Transaction (and related transactions) to accommodate the ESCO Price Guarantee concept from the <u>Order Resetting Retail Energy Markets And Establishing Further Process</u> issued on February 23, 2016?

1) The term Assistance Program Participant (APP) Credit is now only one type of credit that might be provided and further credits/charges might result from this Case or the REV Case, is the term ESCO Price Adjustment more appropriate?
   a. Based upon Collaborative discussions on March 28-29, 2016, mass market customers would be served under one of four products: variable, fixed, variable plus value-added-service and fixed plus value-added-service.  Only the variable product would require an ESCO Price Guarantee.
2) With respect to the 503, should the transaction be reconfigured from one that is provided in response to a request to one that is produced on a scheduled basis by the utility and pushed (without a request) to the ESCO.
   a. If so, we need to figure out the schedule… each billing cycle, once per month, or accommodate either.
   b. Even if we create the "push" should we eliminate the ability for an ESCO to submit a request (or not)?

Preliminary Proposals

1. Status quo – effectively no changes other than renaming certain items.

2. Because there will be many more requests relative to what had been presumed for APP Credits, reconfigure 503 into a monthly transaction.
   a. Rate Ready utilities they would send an 867, 810, and 503.
   b. Bill Ready would send the 503 with the 824 since they wouldn't know the ESCO charges when they send the 867.
   c. ESCOs would be responsible for managing the monthly 503 history in their business systems
      i. If this approach is taken, would it make sense to retain the ability to request 24 months as originally envisioned?

3. Retain the 24 month format but the utility would create the 503 for all ESCO accounts on a scheduled basis (each billing cycle, once week, once a month?)

4. Modify EDI Standards to permit any of these possibilities but leave it up to the utility on how best to implement with respect to their billing system.
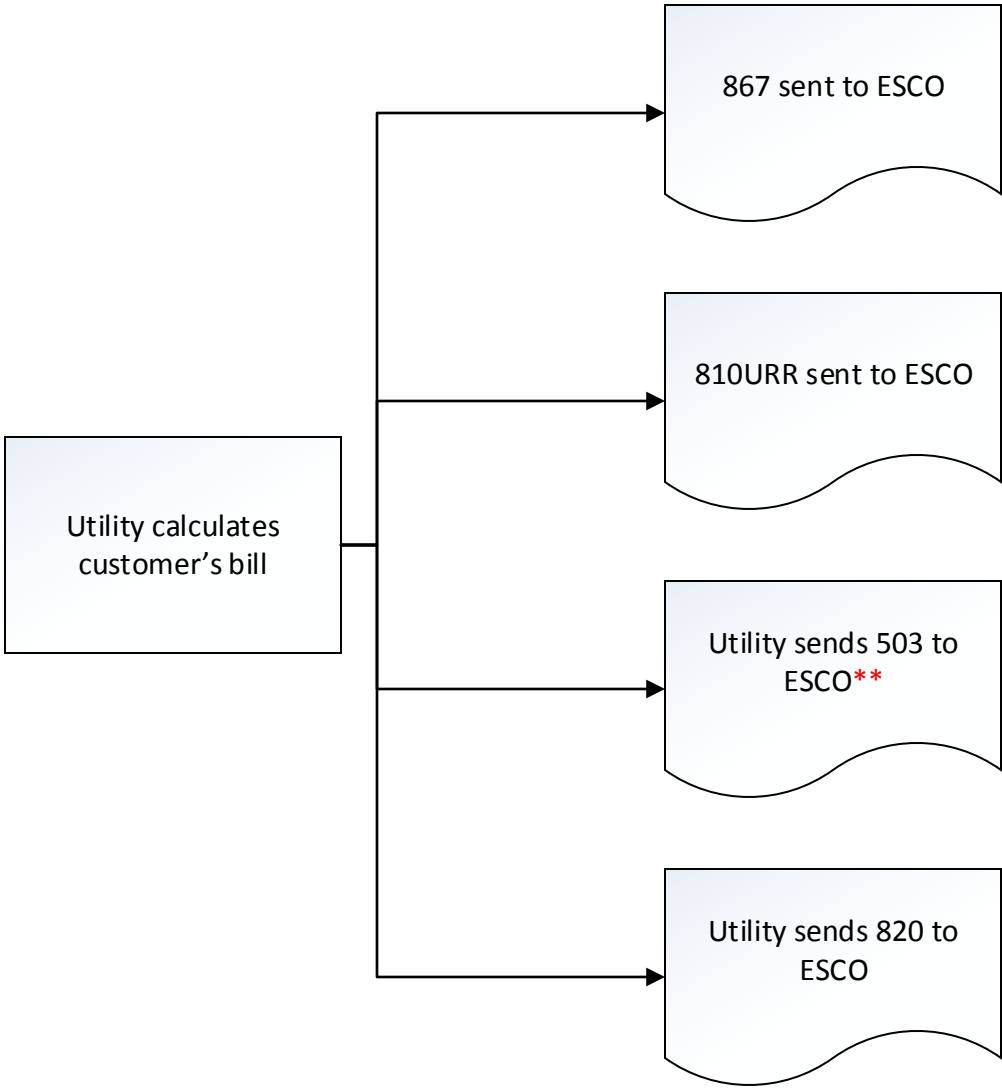
# ESCO initiated 503

ESCO Initiated 503 for Pricing History (BGN01=13)

Utility-is requestor Current ESCO and an active account?

**No**

Utility sends reject 503 (BGN01=44) with REF*7G with reason for rejection

**Yes**

Utility sends 503 response (BGN01=52)

---

Question/Comments::
1. What if ESCO has not been the ESCO of record for the full 24 months? ESCO still receive a 503 response but only for time period that ESCO has been with customer, similar if a new account will only receive data for period of time account is active
2. If ESCO is no longer the current provider how will the previous ESCO obtain historical pricing information?
3. Should ESCO be able to request a specific month/bill cycle on the 503 rather than receive the full 24 months?
4. If ESCO initiated is only method for 503, if ESCO wants to keep a running total then a 503 will be initiated every month/ billing cycle?
5. How will accelerated switch affect this process?

# Utility initiated 503-RR

Utility calculates customer's bill

867 sent to ESCO

810URR sent to ESCO

Utility sends 503 to ESCO**

Utility sends 820 to ESCO

Question/Comments::
1. Should 503 contain data only for current month/billing cycle, or should it contain up to the last 24 months?
2. If utility initiated is only method for 503 and it only contains current month/billing cycle, what alternatives does the ESCO have to obtain missing information?
3. How will accelerated switch affect this process?
4. If ESCO is no longer the current provider how will the previous ESCO obtain historical pricing information?

# Utility initiated 503-BR
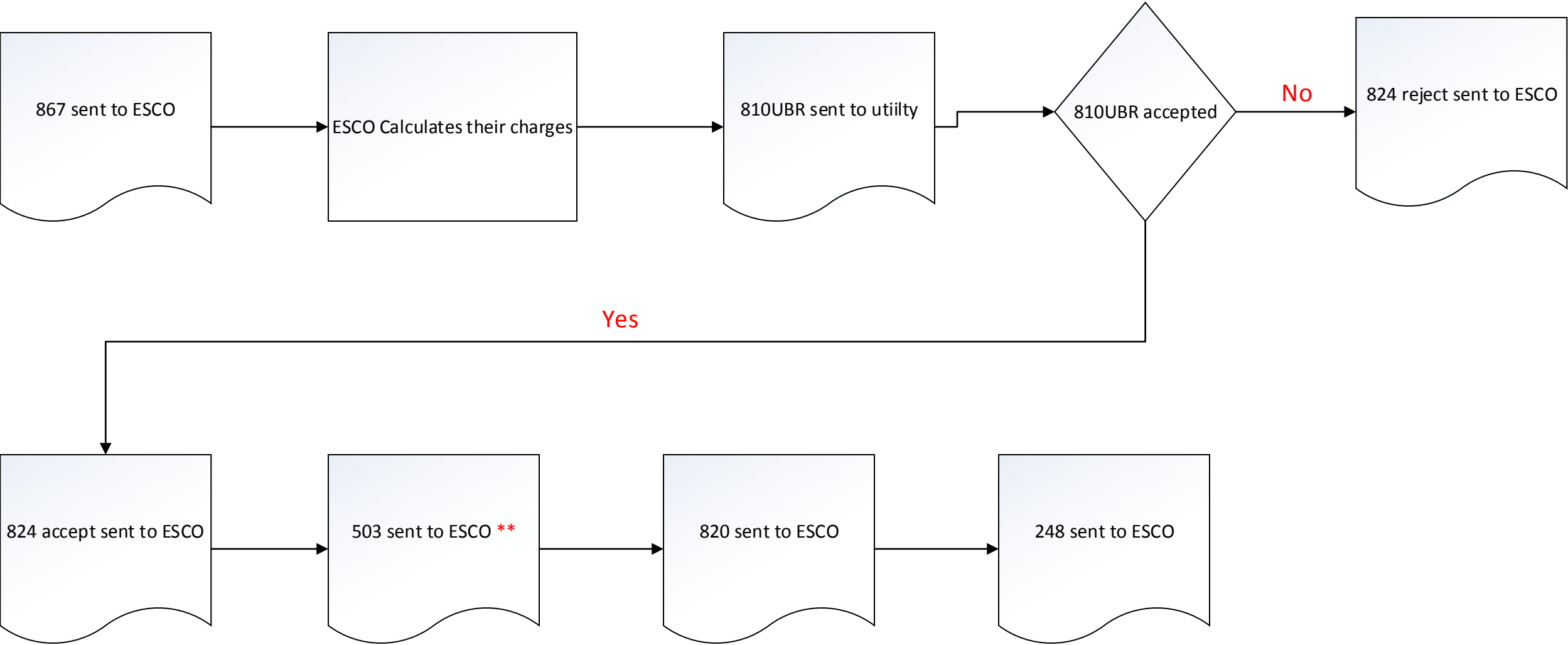
```
┌──────────────────┐      ┌──────────────────┐      ┌──────────────────┐         ◇                    ┌──────────────────┐
│                  │      │                  │      │                  │       ╱   ╲      No           │                  │
│ 867 sent to ESCO │─────▶│ ESCO Calculates  │─────▶│ 810UBR sent to   │────▶ ◇ 810UBR ◇─────────────▶│ 824 reject sent  │
│                  │      │  their charges   │      │    utiilty       │       ╲ accepted ╱            │    to ESCO       │
└──────────────────┘      └──────────────────┘      └──────────────────┘         ◇                    └──────────────────┘
                                                                                 │
                                                                                 │ Yes
        ┌────────────────────────────────────────────────────────────────────────┘
        ▼
┌──────────────────┐      ┌──────────────────┐      ┌──────────────────┐      ┌──────────────────┐
│                  │      │                  │      │                  │      │                  │
│ 824 accept sent  │─────▶│ 503 sent to      │─────▶│ 820 sent to ESCO │─────▶│ 248 sent to ESCO │
│    to ESCO       │      │    ESCO **       │      │                  │      │                  │
└──────────────────┘      └──────────────────┘      └──────────────────┘      └──────────────────┘
```

Question/Comments::
1.  Should 503 contain data only for current month/billing cycle, or should it contain up to the last 24 months?
2.  If utility initiated is only method for 503 and it only contains current month/billing cycle, what alternatives does the ESCO have to obtain missing information?
3.  How will accelerated switch affect this process?
4.  If ESCO is no longer the current provider how will the previous ESCO obtain historical  pricing information?
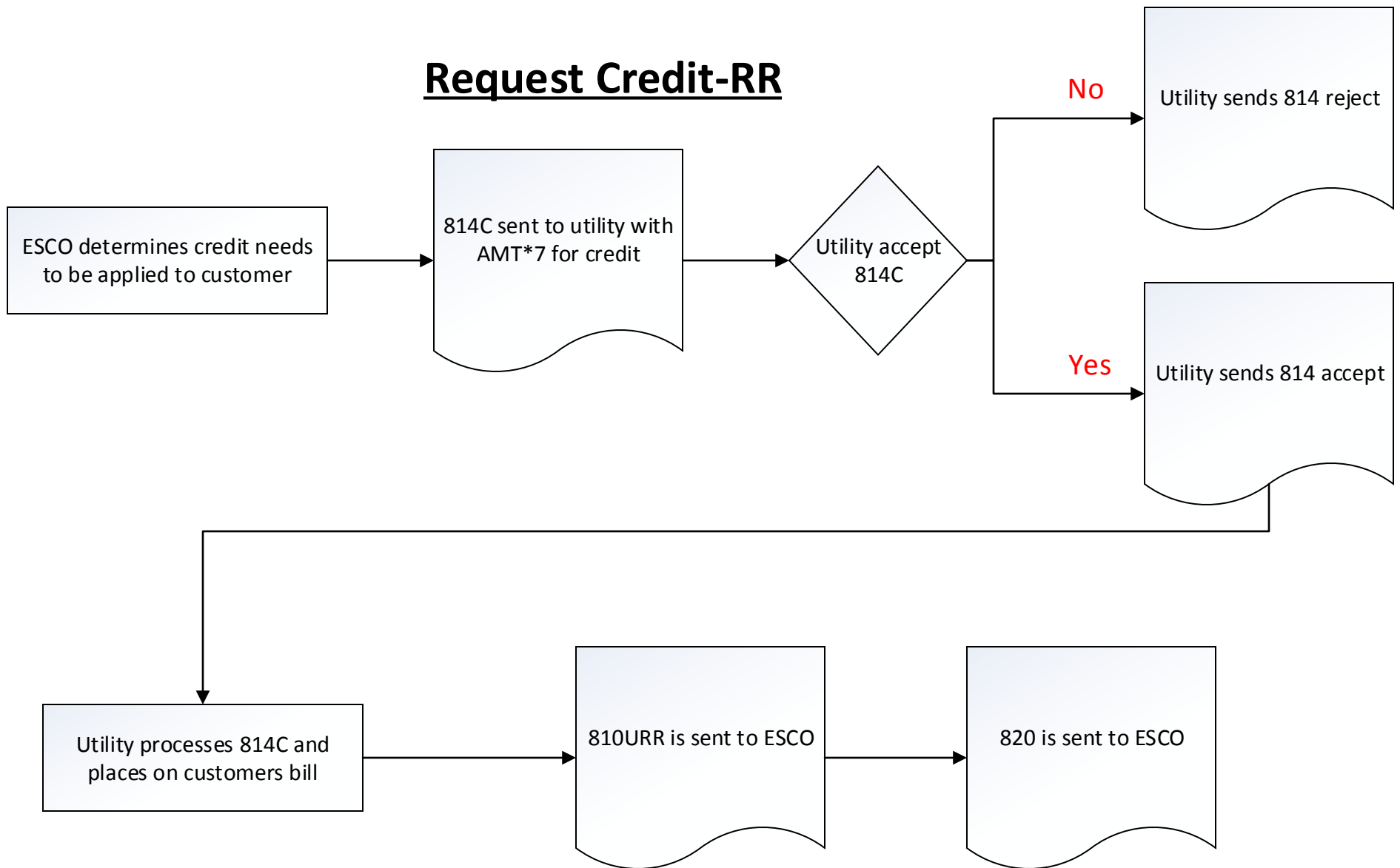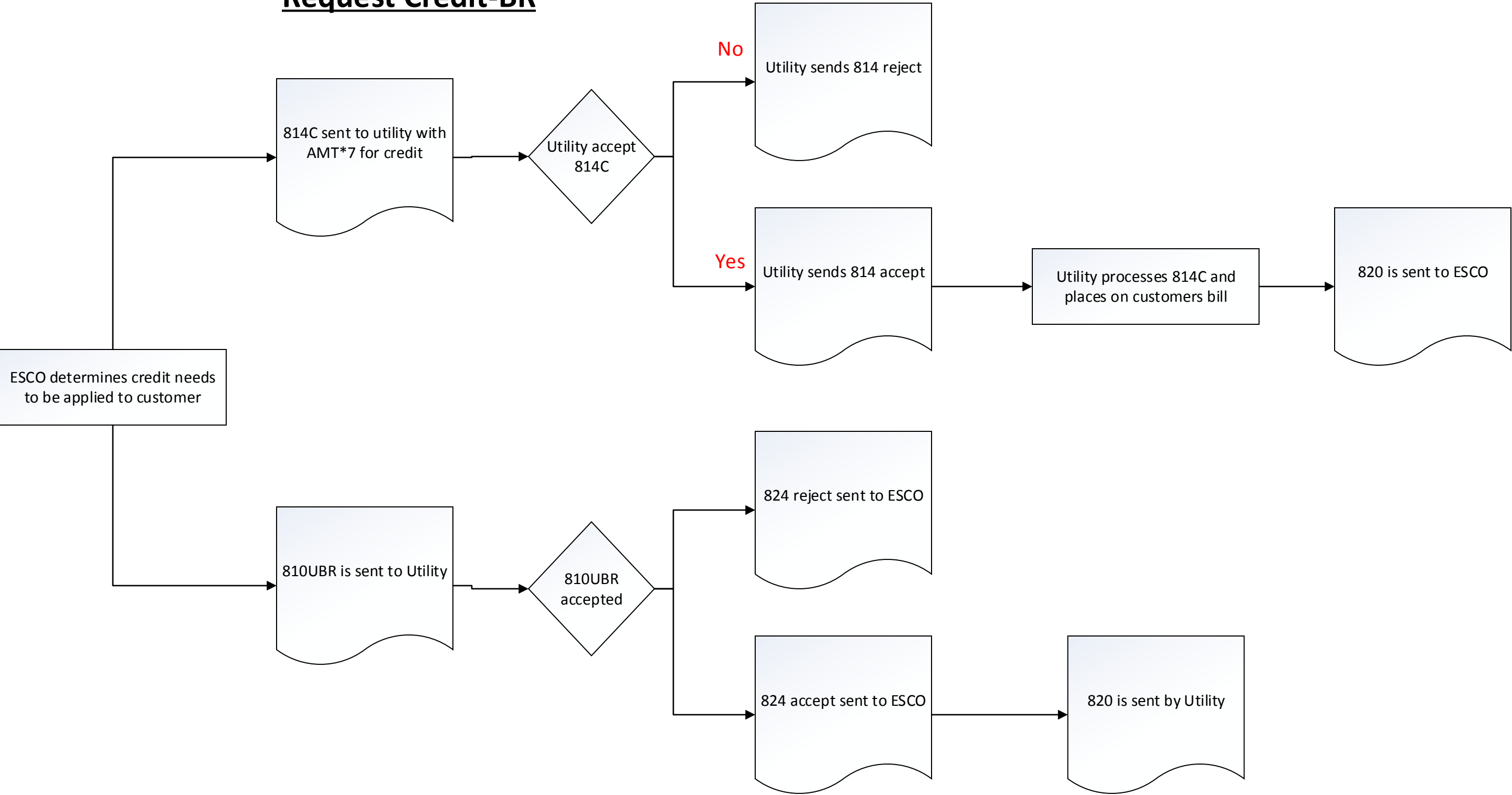
# Request Credit-RR



**ESCO determines credit needs to be applied to customer** → **814C sent to utility with AMT*7 for credit** → **Utility accept 814C**

No → **Utility sends 814 reject**

Yes → **Utility sends 814 accept**

**Utility processes 814C and places on customers bill** → **810URR is sent to ESCO** → **820 is sent to ESCO**

Questions/Comments:
1. If incorrect amount was sent ESCO what process should ESCO follow? Send additional 814C either negative or positive depending on circumstance. If owe the customer then negative amount but if they owe ESCO then positive amount.
2. What is process if ESCO is no longer serving the customer but needs to issue a credit? Still submit 814C?
3. Credits should be show as a negative number.

# Request Credit-BR

**814C sent to utility with AMT*7 for credit**

Utility accept 814C

**No** → Utility sends 814 reject

**Yes** → Utility sends 814 accept → Utility processes 814C and places on customers bill → 820 is sent to ESCO

ESCO determines credit needs to be applied to customer

**810UBR is sent to Utility**

810UBR accepted

→ 824 reject sent to ESCO

→ 824 accept sent to ESCO → 820 is sent by Utility

Questions/Comments:
1. If incorrect amount was sent ESCO what process should ESCO follow? Send additional 814C either negative or positive depending on circumstance. If owe the customer then negative amount but if they owe ESCO then positive amount. 2. What is process if ESCO is no longer serving the customer but needs to issue a credit? Still submit 814C?
3. Credits should be show as a negative number.