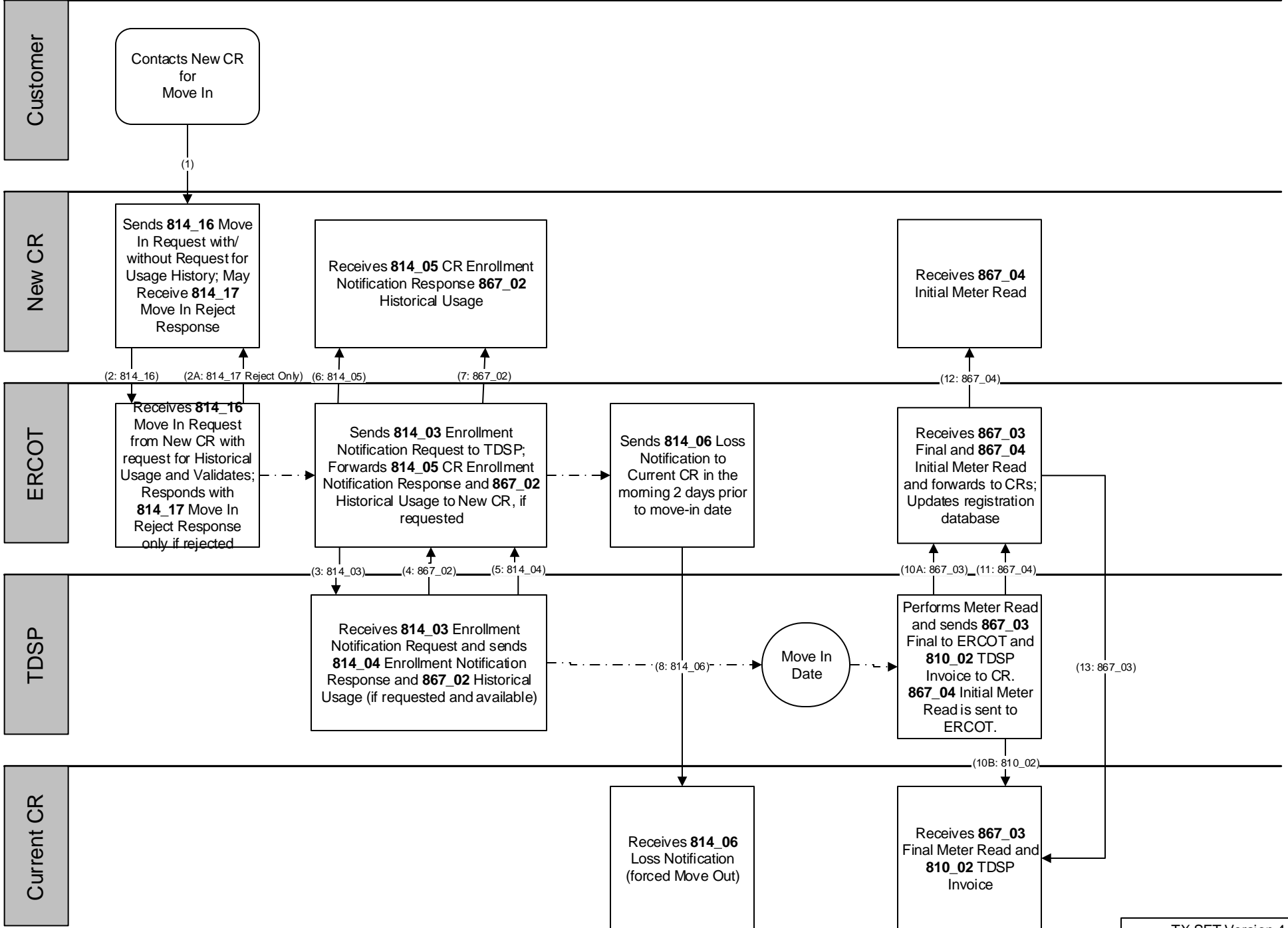# Move In

Scenario: Customer Move In, the ESI ID is energized with a Current CR
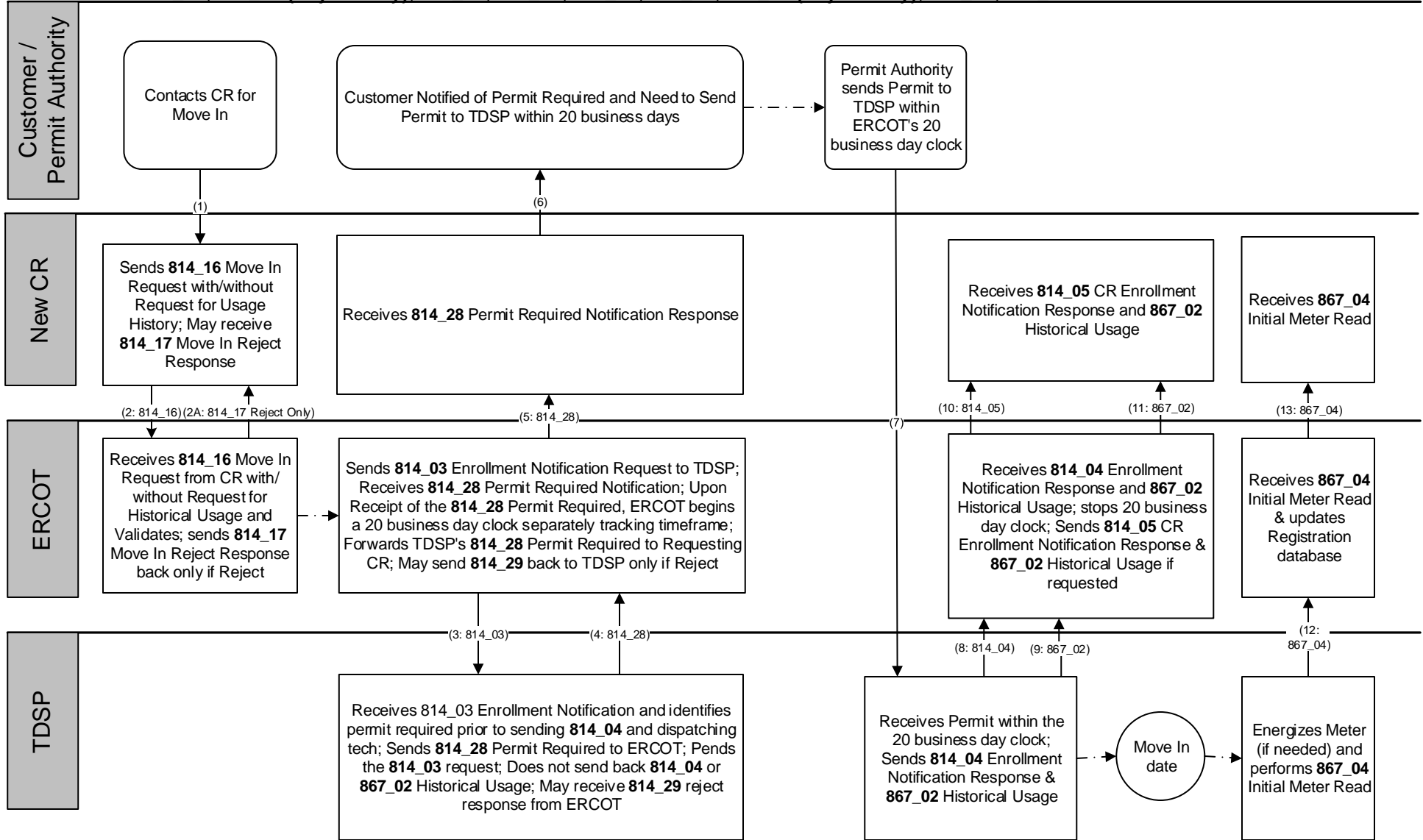**Transactions: 814_16, 814_17 (Reject Only), 814_03, 814_04, 814_05, 814_06, 867_02, 867_03, 810_02, 867_04**

Customer

Contacts New CR for Move In

(1)

New CR

Sends **814_16** Move In Request with/ without Request for Usage History; May Receive **814_17** Move In Reject Response

Receives **814_05** CR Enrollment Notification Response **867_02** Historical Usage

Receives **867_04** Initial Meter Read

(2: 814_16)   (2A: 814_17 Reject Only)   (6: 814_05)   (7: 867_02)   (12: 867_04)

ERCOT

Receives **814_16** Move In Request from New CR with request for Historical Usage and Validates; Responds with **814_17** Move In Reject Response only if rejected

Sends **814_03** Enrollment Notification Request to TDSP; Forwards **814_05** CR Enrollment Notification Response and **867_02** Historical Usage to New CR, if requested

Sends **814_06** Loss Notification to Current CR in the morning 2 days prior to move-in date

Receives **867_03** Final and **867_04** Initial Meter Read and forwards to CRs; Updates registration database

(3: 814_03)   (4: 867_02)   (5: 814_04)   (10A: 867_03)   (11: 867_04)

TDSP

Receives **814_03** Enrollment Notification Request and sends **814_04** Enrollment Notification Response and **867_02** Historical Usage (if requested and available)

(8: 814_06)

Move In Date

Performs Meter Read and sends **867_03** Final to ERCOT and **810_02** TDSP Invoice to CR. **867_04** Initial Meter Read is sent to ERCOT.

(13: 867_03)

(10B: 810_02)

Current CR

Receives **814_06** Loss Notification (forced Move Out)

Receives **867_03** Final Meter Read and **810_02** TDSP Invoice

TX SET Version 4.0
April 2016

TX SET Working Group

Move In

Scenario: Customer Move In, Permit Required Identified Prior to TDSP Sending 814_04 and Prior to Dispatching Field Technician, Permit Received by TDSP within the 20 Business Day ERCOT Clock (premise de-energized)
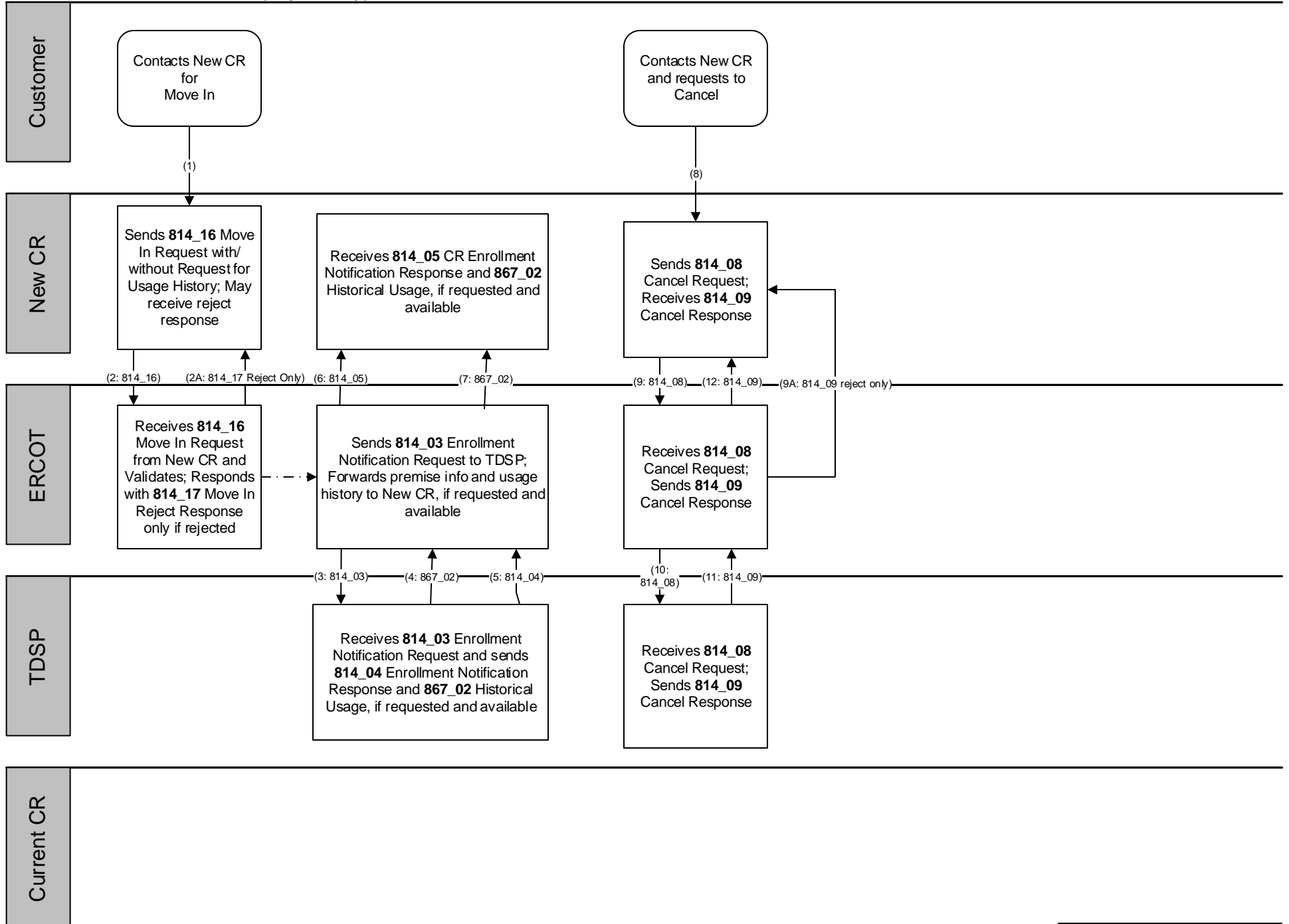
Transactions: 814_16, 814_17 (Reject Only), 814_03, 814_04, 814_05, 814_28, 814_29 (Reject Only), 867_02, 867_04

Customer / Permit Authority

Contacts CR for Move In

Customer Notified of Permit Required and Need to Send Permit to TDSP within 20 business days

Permit Authority sends Permit to TDSP within ERCOT's 20 business day clock

(1)　　　　　　　　　　　　　　　　(6)

New CR

Sends **814_16** Move In Request with/without Request for Usage History; May receive **814_17** Move In Reject Response

Receives **814_28** Permit Required Notification Response

Receives **814_05** CR Enrollment Notification Response and **867_02** Historical Usage

Receives **867_04** Initial Meter Read

(2: 814_16) (2A: 814_17 Reject Only)　　　(5: 814_28)　　　(7)　　(10: 814_05)　　(11: 867_02)　　(13: 867_04)

ERCOT

Receives **814_16** Move In Request from CR with/without Request for Historical Usage and Validates; sends **814_17** Move In Reject Response back only if Reject

Sends **814_03** Enrollment Notification Request to TDSP; Receives **814_28** Permit Required Notification; Upon Receipt of the **814_28** Permit Required, ERCOT begins a 20 business day clock separately tracking timeframe; Forwards TDSP's **814_28** Permit Required to Requesting CR; May send **814_29** back to TDSP only if Reject

Receives **814_04** Enrollment Notification Response and **867_02** Historical Usage; stops 20 business day clock; Sends **814_05** CR Enrollment Notification Response & **867_02** Historical Usage if requested

Receives **867_04** Initial Meter Read & updates Registration database

(3: 814_03)　　(4: 814_28)　　　　(8: 814_04)　(9: 867_02)　　(12: 867_04)

TDSP

Receives 814_03 Enrollment Notification and identifies permit required prior to sending **814_04** and dispatching tech; Sends **814_28** Permit Required to ERCOT; Pends the **814_03** request; Does not send back **814_04** or **867_02** Historical Usage; May receive **814_29** reject response from ERCOT

Receives Permit within the 20 business day clock; Sends **814_04** Enrollment Notification Response & **867_02** Historical Usage

Move In date

Energizes Meter (if needed) and performs **867_04** Initial Meter Read

Move In, Customer Requests Cancel and TDSP accepts

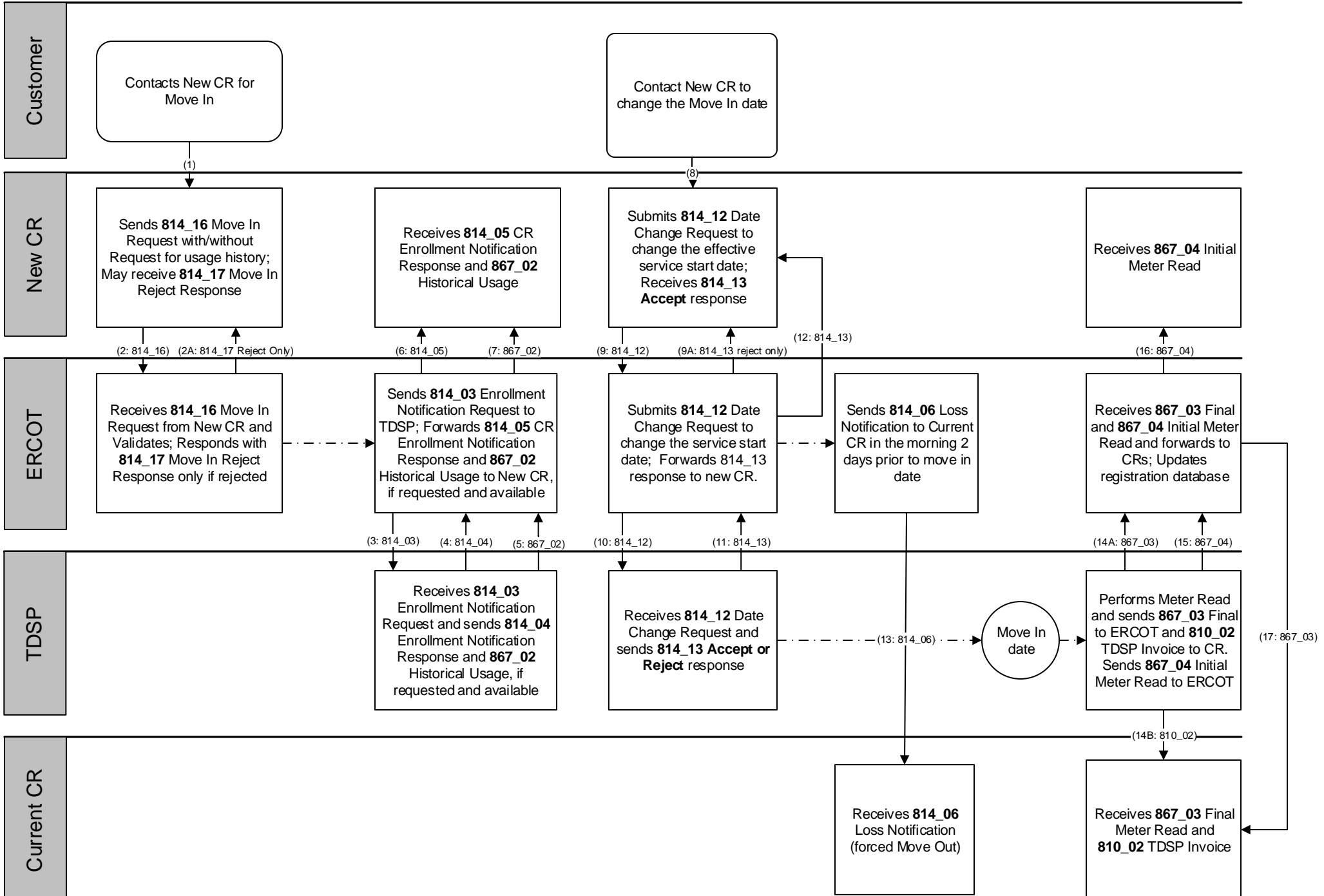**Scenario: Customer Move In, Customer requests cancel and TDSP accepts**

Transactions: 814_16, 814_17 (Reject Only), 814_03, 814_04, 814_05, 814_08, 814_09, 867_02

Customer

Contacts New CR for Move In

Contacts New CR and requests to Cancel

(1)

(8)

New CR

Sends **814_16** Move In Request with/ without Request for Usage History; May receive reject response

Receives **814_05** CR Enrollment Notification Response and **867_02** Historical Usage, if requested and available

Sends **814_08** Cancel Request; Receives **814_09** Cancel Response

(2: 814_16)   (2A: 814_17 Reject Only)   (6: 814_05)   (7: 867_02)   (9: 814_08)   (12: 814_09)   (9A: 814_09 reject only)

ERCOT

Receives **814_16** Move In Request from New CR and Validates; Responds with **814_17** Move In Reject Response only if rejected

Sends **814_03** Enrollment Notification Request to TDSP; Forwards premise info and usage history to New CR, if requested and available

Receives **814_08** Cancel Request; Sends **814_09** Cancel Response

(3: 814_03)   (4: 867_02)   (5: 814_04)   (10: 814_08)   (11: 814_09)

TDSP

Receives **814_03** Enrollment Notification Request and sends **814_04** Enrollment Notification Response and **867_02** Historical Usage, if requested and available

Receives **814_08** Cancel Request; Sends **814_09** Cancel Response

Current CR

Move-In

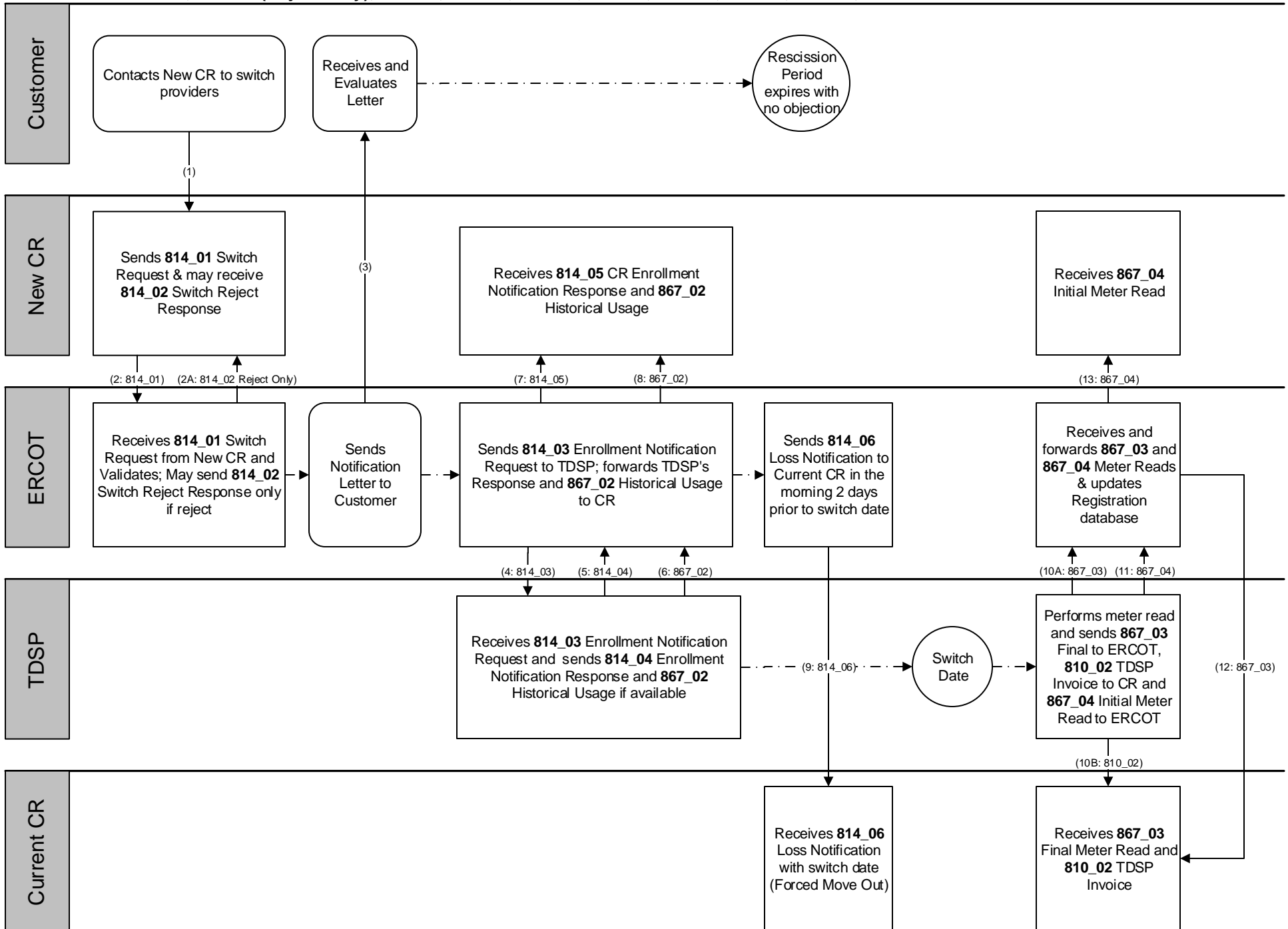**Scenario: Customer Move In, Customer Changes Date of Move In- Date Change Accepted, (premise energized)**
Transactions: 814_16, 814_17 (Reject Only), 814_03, 814_04, 814_05, 814_12, 814_13, 814_06, 867_02, 867_03, 810_02, 867_04

TX SET Working Group

TX SET Version 4.0
April 2016

Switch

Scenario: Customer Switch, No Customer Objection
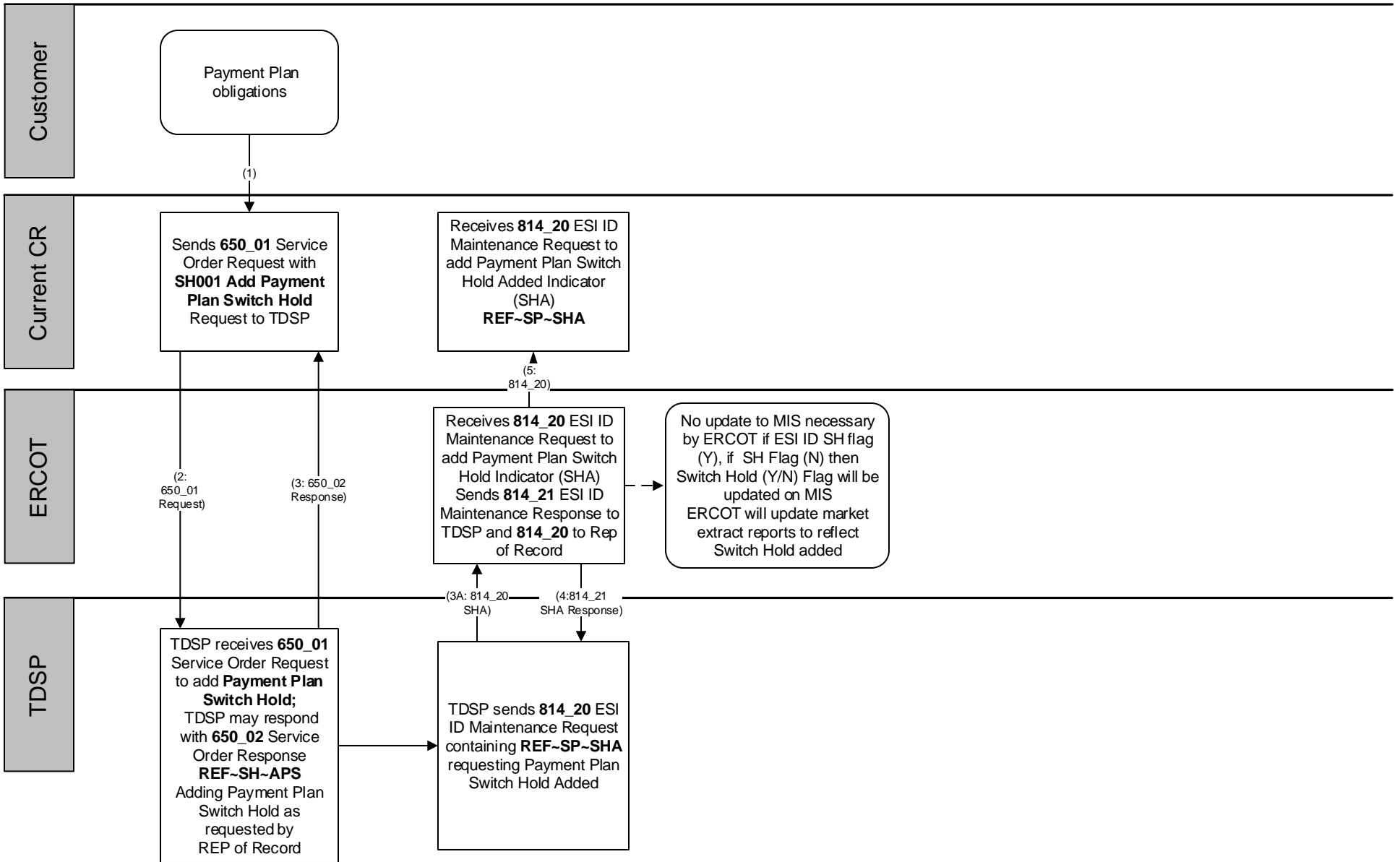**Transactions: 814_01, 814_02 (Reject Only), 814_03, 814_04, 814_05, 814_06, 867_02, 867_03, 810_02, 867_04**

Customer

- Contacts New CR to switch providers
- Receives and Evaluates Letter
- Rescission Period expires with no objection

(1)

New CR

- Sends **814_01** Switch Request & may receive **814_02** Switch Reject Response
- Receives **814_05** CR Enrollment Notification Response and **867_02** Historical Usage
- Receives **867_04** Initial Meter Read

(3)

(2: 814_01) (2A: 814_02 Reject Only)   (7: 814_05)   (8: 867_02)   (13: 867_04)

ERCOT

- Receives **814_01** Switch Request from New CR and Validates; May send **814_02** Switch Reject Response only if reject
- Sends Notification Letter to Customer
- Sends **814_03** Enrollment Notification Request to TDSP; forwards TDSP's Response and **867_02** Historical Usage to CR
- Sends **814_06** Loss Notification to Current CR in the morning 2 days prior to switch date
- Receives and forwards **867_03** and **867_04** Meter Reads & updates Registration database

(4: 814_03)   (5: 814_04)   (6: 867_02)   (10A: 867_03)   (11: 867_04)

TDSP

- Receives **814_03** Enrollment Notification Request and sends **814_04** Enrollment Notification Response and **867_02** Historical Usage if available
- (9: 814_06)
- Switch Date
- Performs meter read and sends **867_03** Final to ERCOT, **810_02** TDSP Invoice to CR and **867_04** Initial Meter Read to ERCOT

(12: 867_03)

(10B: 810_02)

Current CR

- Receives **814_06** Loss Notification with switch date (Forced Move Out)
- Receives **867_03** Final Meter Read and **810_02** TDSP Invoice

TX SET Working Group

Payment Plan Switch Hold Add Process

Scenario: Customer under Payment Plan Switch Hold obligation. CR sends 650_01 to Add Switch Hold Indicator.
Transactions: 650_01, 650_02, 814_20 and 814_21 (ERCOT to TDSP Only)
Effective: June 2012

Customer

Payment Plan obligations

(1)

Current CR

Sends **650_01** Service Order Request with **SH001 Add Payment Plan Switch Hold** Request to TDSP

Receives **814_20** ESI ID Maintenance Request to add Payment Plan Switch Hold Added Indicator (SHA) **REF~SP~SHA**

(5: 814_20)

ERCOT

(2: 650_01 Request)

(3: 650_02 Response)

Receives **814_20** ESI ID Maintenance Request to add Payment Plan Switch Hold Indicator (SHA) Sends **814_21** ESI ID Maintenance Response to TDSP and **814_20** to Rep of Record

No update to MIS necessary by ERCOT if ESI ID SH flag (Y), if SH Flag (N) then Switch Hold (Y/N) Flag will be updated on MIS ERCOT will update market extract reports to reflect Switch Hold added

(3A: 814_20 SHA)

(4:814_21 SHA Response)

TDSP

TDSP receives **650_01** Service Order Request to add **Payment Plan Switch Hold;** TDSP may respond with **650_02** Service Order Response **REF~SH~APS** Adding Payment Plan Switch Hold as requested by REP of Record

TDSP sends **814_20** ESI ID Maintenance Request containing **REF~SP~SHA** requesting Payment Plan Switch Hold Added
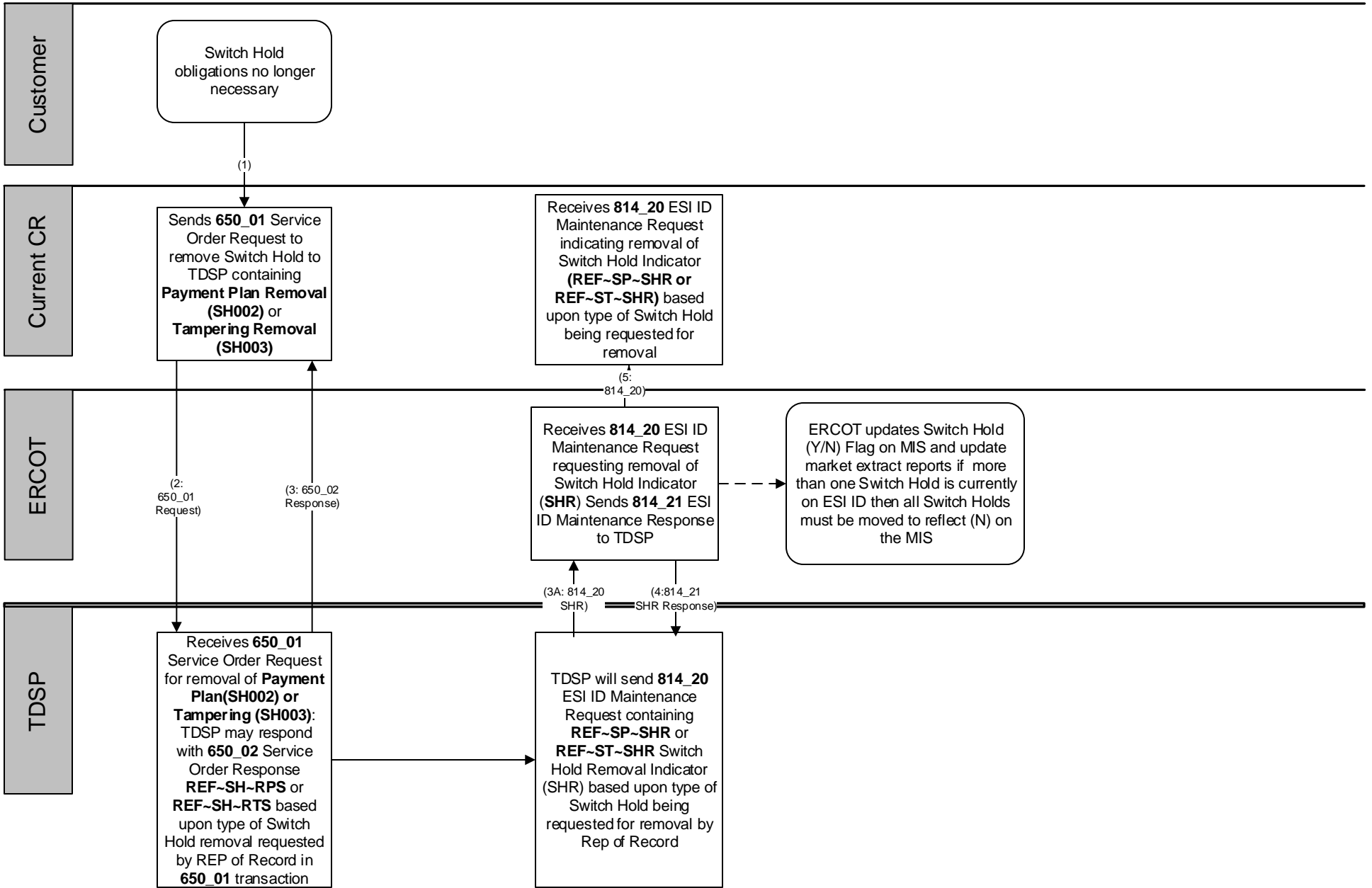
Switch Hold Removal Process

Scenario: Customer no longer under Switch Hold obligation(Payment Plan/Tampering) CR sending 650_01 to Remove specific Switch Hold Indicator
Transactions: 650_01, 650_02, 814_20 and 814_21 (ERCOT to TDSP Only)

Effective: June 2012

Lane	Content
Customer	Switch Hold obligations no longer necessary
Current CR	Sends **650_01** Service Order Request to remove Switch Hold to TDSP containing **Payment Plan Removal (SH002)** or **Tampering Removal (SH003)** — Receives **814_20** ESI ID Maintenance Request indicating removal of Switch Hold Indicator **(REF~SP~SHR or REF~ST~SHR)** based upon type of Switch Hold being requested for removal
ERCOT	Receives **814_20** ESI ID Maintenance Request requesting removal of Switch Hold Indicator **(SHR)** Sends **814_21** ESI ID Maintenance Response to TDSP — ERCOT updates Switch Hold (Y/N) Flag on MIS and update market extract reports if more than one Switch Hold is currently on ESI ID then all Switch Holds must be moved to reflect (N) on the MIS
TDSP	Receives **650_01** Service Order Request for removal of **Payment Plan(SH002) or Tampering (SH003)**: TDSP may respond with **650_02** Service Order Response **REF~SH~RPS** or **REF~SH~RTS** based upon type of Switch Hold removal requested by REP of Record in **650_01** transaction — TDSP will send **814_20** ESI ID Maintenance Request containing **REF~SP~SHR** or **REF~ST~SHR** Switch Hold Removal Indicator (SHR) based upon type of Switch Hold being requested for removal by Rep of Record

Flow labels:
- (1)
- (2: 650_01 Request)
- (3: 650_02 Response)
- (3A: 814_20 SHR)
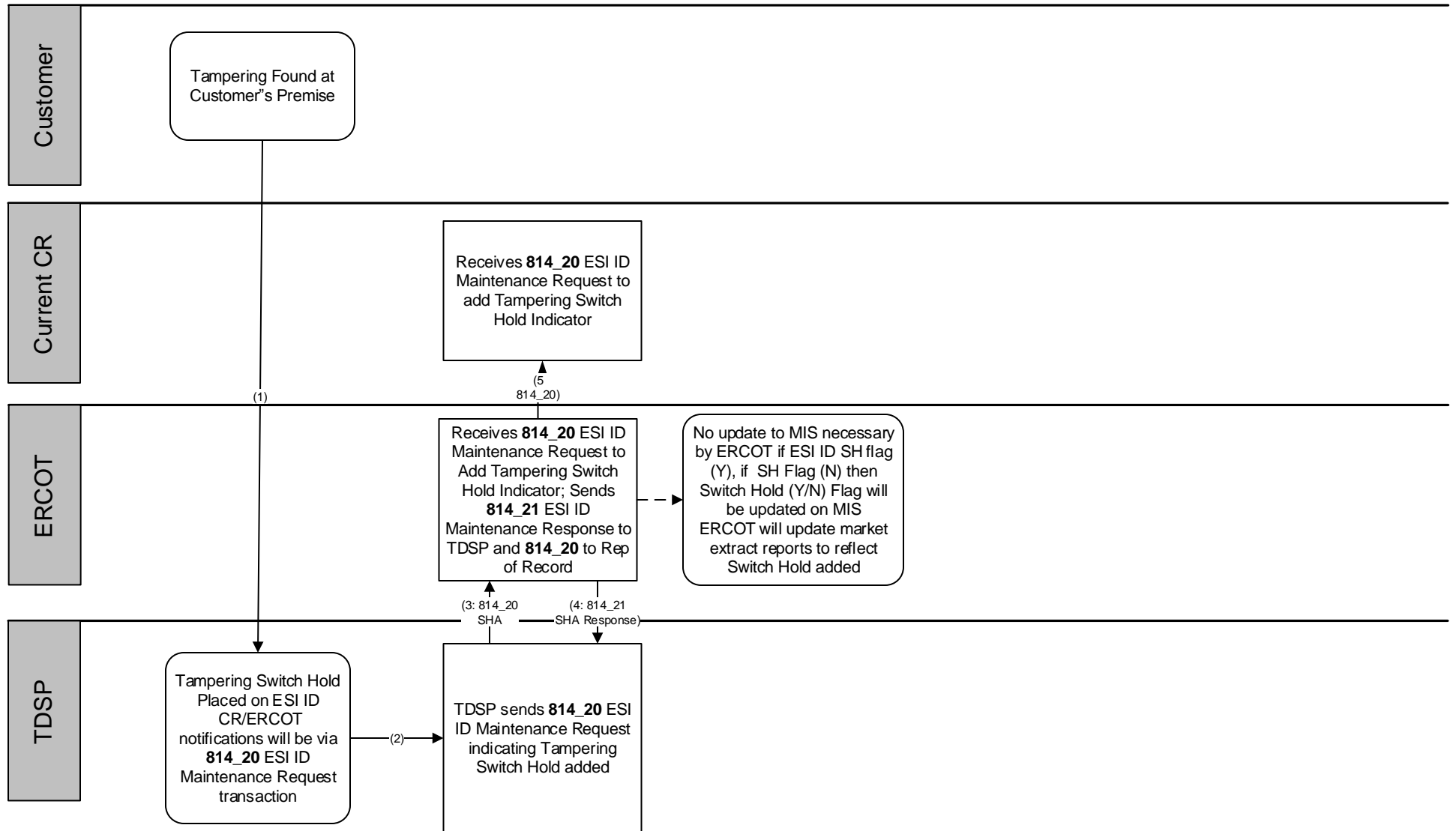- (4:814_21 SHR Response)
- (5: 814_20)

Tampering Switch Hold Add Process

Scenario: TDSP found Tampering at Customer's Premise –TDSP Adds Tampering Switch Hold Indicator.
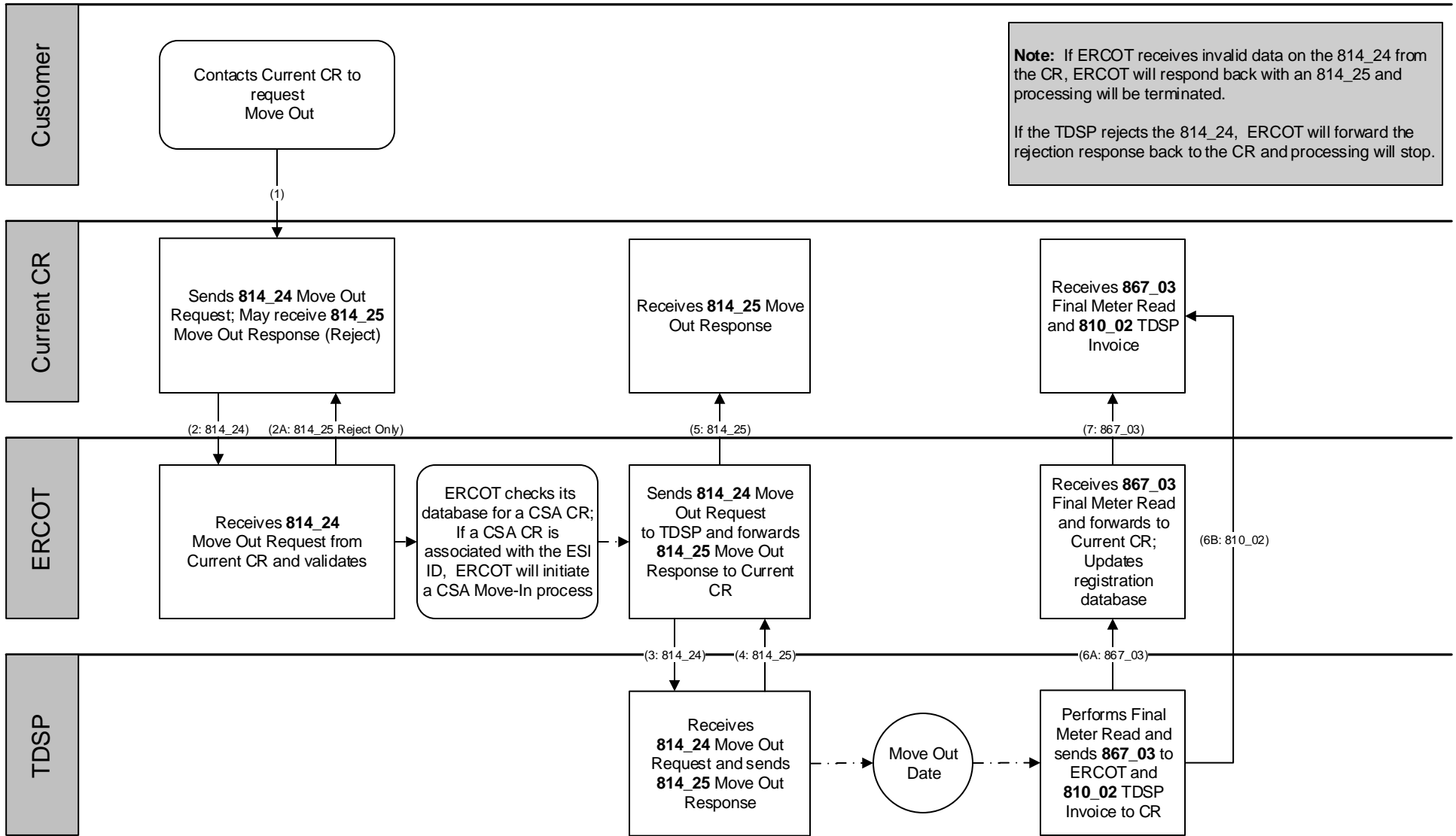**Transactions: 814_20 and 814_21 (ERCOT to TDSP Only)**
Effective: June 2012

Customer	Tampering Found at Customer's Premise

Current CR

Receives **814_20** ESI ID Maintenance Request to add Tampering Switch Hold Indicator

(5 814_20)

(1)

ERCOT

Receives **814_20** ESI ID Maintenance Request to Add Tampering Switch Hold Indicator; Sends **814_21** ESI ID Maintenance Response to TDSP and **814_20** to Rep of Record

No update to MIS necessary by ERCOT if ESI ID SH flag (Y), if SH Flag (N) then Switch Hold (Y/N) Flag will be updated on MIS ERCOT will update market extract reports to reflect Switch Hold added

(3: 814_20 SHA)   (4: 814_21 SHA Response)

TDSP

Tampering Switch Hold Placed on ESI ID CR/ERCOT notifications will be via **814_20** ESI ID Maintenance Request transaction

(2)

TDSP sends **814_20** ESI ID Maintenance Request indicating Tampering Switch Hold added

Move Out

Scenario: Customer Initiated Move Out No CSA Associated with ESI ID
Transactions: 814_24, 814_25, 867_03, 810_02

Customer
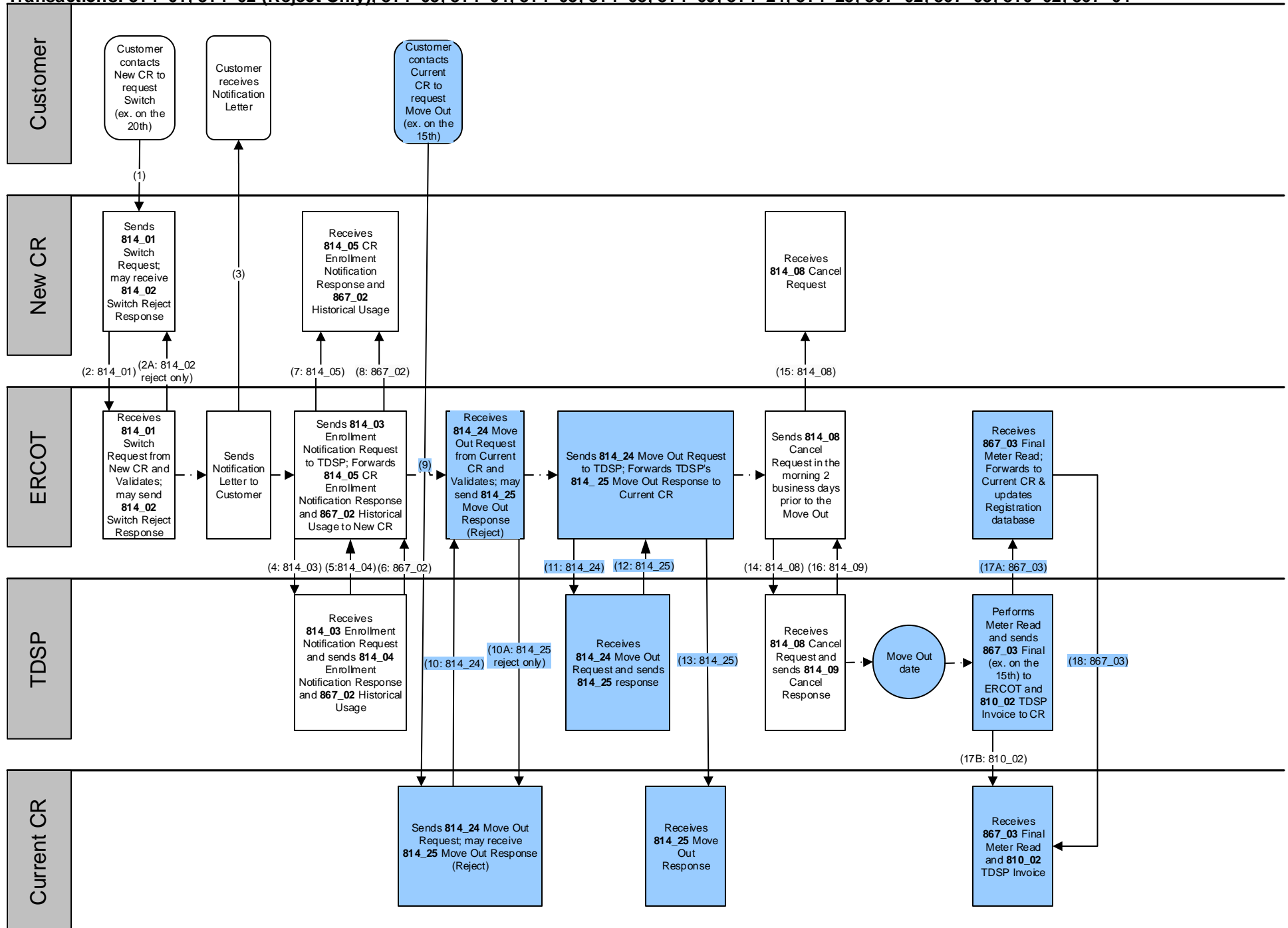
Contacts Current CR to request
Move Out

Note: If ERCOT receives invalid data on the 814_24 from the CR, ERCOT will respond back with an 814_25 and processing will be terminated.

If the TDSP rejects the 814_24, ERCOT will forward the rejection response back to the CR and processing will stop.

(1)

Current CR

Sends **814_24** Move Out Request; May receive **814_25** Move Out Response (Reject)

Receives **814_25** Move Out Response

Receives **867_03** Final Meter Read and **810_02** TDSP Invoice

(2: 814_24)   (2A: 814_25 Reject Only)   (5: 814_25)   (7: 867_03)

ERCOT

Receives **814_24** Move Out Request from Current CR and validates

ERCOT checks its database for a CSA CR; If a CSA CR is associated with the ESI ID, ERCOT will initiate a CSA Move-In process

Sends **814_24** Move Out Request to TDSP and forwards **814_25** Move Out Response to Current CR

Receives **867_03** Final Meter Read and forwards to Current CR; Updates registration database

(6B: 810_02)

(3: 814_24)   (4: 814_25)   (6A: 867_03)

TDSP

Receives **814_24** Move Out Request and sends **814_25** Move Out Response

Move Out Date

Performs Final Meter Read and sends **867_03** to ERCOT and **810_02** TDSP Invoice to CR

Move Out

Scenario: Move Out trumps Switch for later date

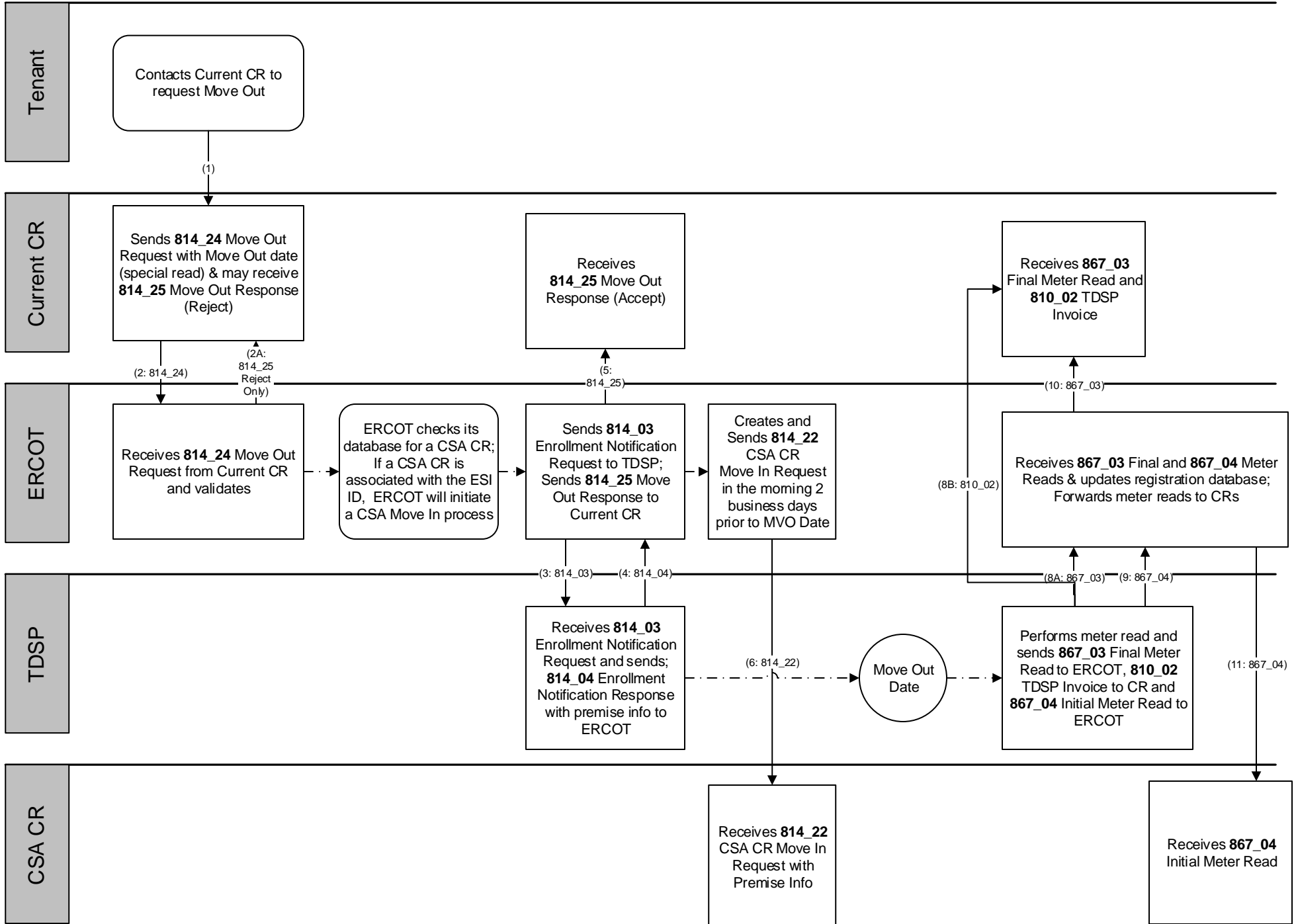**Transactions: 814_01, 814_02 (Reject Only), 814_03, 814_04, 814_05, 814_08, 814_09, 814_24, 814_25, 867_02, 867_03, 810_02, 867_04**

TX SET Working Group

TX SET Version 4.0
March 2016

Move Out to CSA

Scenario: Move Out, Landlord/Tenant, "Tenant Initiated"
Transactions: 814_24, 814_25, 814_03, 814_04, 814_22, 867_03, 810_02, 867_04

Tenant

Contacts Current CR to request Move Out

(1)

Current CR

Sends **814_24** Move Out Request with Move Out date (special read) & may receive **814_25** Move Out Response (Reject)

Receives **814_25** Move Out Response (Accept)

Receives **867_03** Final Meter Read and **810_02** TDSP Invoice

(2: 814_24)

(2A: 814_25 Reject Only)

(5: 814_25)

(10: 867_03)

ERCOT

Receives **814_24** Move Out Request from Current CR and validates

ERCOT checks its database for a CSA CR; If a CSA CR is associated with the ESI ID, ERCOT will initiate a CSA Move In process

Sends **814_03** Enrollment Notification Request to TDSP; Sends **814_25** Move Out Response to Current CR

Creates and Sends **814_22** CSA CR Move In Request in the morning 2 business days prior to MVO Date

Receives **867_03** Final and **867_04** Meter Reads & updates registration database; Forwards meter reads to CRs

(8B: 810_02)

(3: 814_03)

(4: 814_04)

(8A: 867_03)

(9: 867_04)

TDSP

Receives **814_03** Enrollment Notification Request and sends; **814_04** Enrollment Notification Response with premise info to ERCOT

(6: 814_22)

Move Out Date

Performs meter read and sends **867_03** Final Meter Read to ERCOT, **810_02** TDSP Invoice to CR and **867_04** Initial Meter Read to ERCOT

(11: 867_04)

CSA CR

Receives **814_22** CSA CR Move In Request with Premise Info

Receives **867_04** Initial Meter Read

Establish Continuous Service Agreement (CSA) - IOU

Scenario: Establish CSA – IOU territory
Transactions: 814_18, 814_19

Landlord

Contacts New CSA CR to establish Continuous Service Agreement (CSA)

IOU TDSP Market
The CR will establish the CSA via the 814_18.

(1)

New CSA CR

Sends **814_18** Establish CSA Request with CSA information; Receives **814_19** response

(2: 814_18)   (3: 814_19)

ERCOT

Receives **814_18** Establish CSA Request, validates and links ESI ID to CSA CR in ERCOT database; Sends **814_19** response

Sends **814_18** Delete CSA Request to Current CSA CR, if one exists

IOU TDSP

(4: 814_18)

Current CSA CR

Note: This transaction only establishes an agreement in ERCOT system. This transaction does not energize the premise. This transaction does not change the CR of record. This transaction does not change the status of the ESI ID

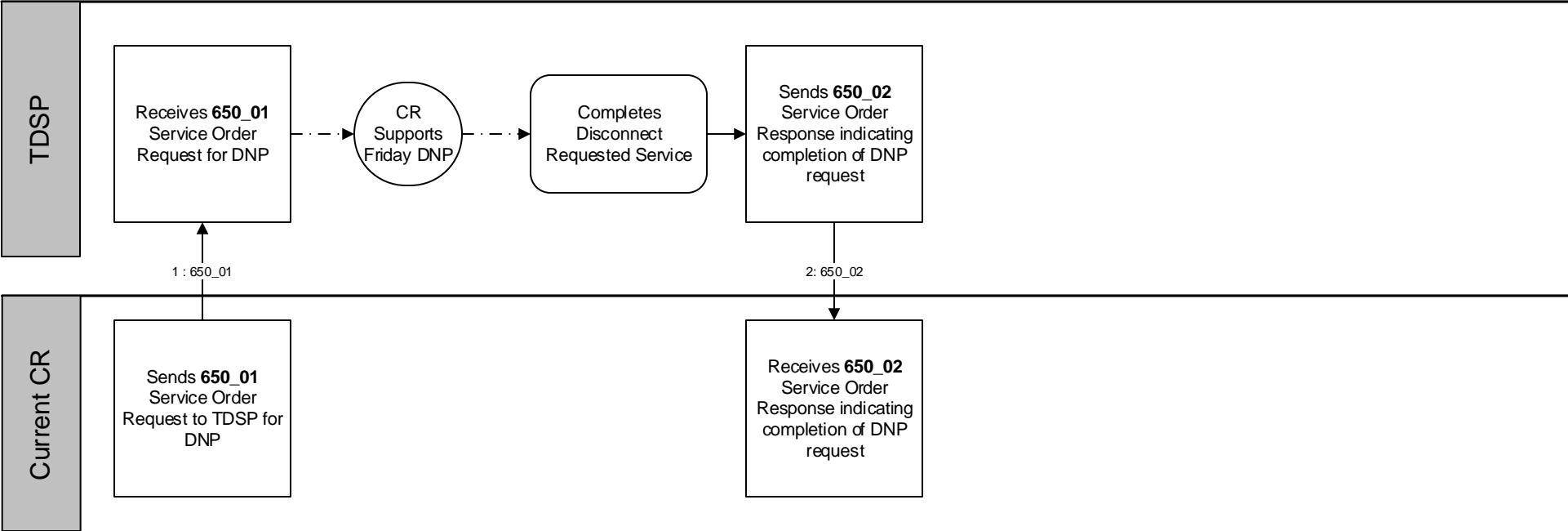Receives **814_18** Delete CSA Request

TX SET Working Group

TX SET Version 4.0
January 2016

Service Request for Disconnect for Non-Pay (DNP)

Scenario: CR authorizes DNP on Friday and allows TDSP to ROLL to premium disconnect location.
Transactions: 650_01, 650_02

TDSP

Receives **650_01** Service Order Request for DNP

CR Supports Friday DNP

Completes Disconnect Requested Service

Sends **650_02** Service Order Response indicating completion of DNP request

1 : 650_01

2: 650_02

Current CR

Sends **650_01** Service Order Request to TDSP for DNP

Receives **650_02** Service Order Response indicating completion of DNP request

Service Request for Reconnect for Non-Pay (RNP)

Scenario: CR authorizes RNP and TDSP completes.
Transactions: 650_01, 650_02

TDSP	Receives **650_01** Service Order Request for RNP → Completes Reconnect Requested Service → Sends **650_02** Service Order Response indicating completion of RNP request
Current CR	Sends **650_01** Service Order Request to TDSP for RNP

1 : 650_01

2: 650_02

Receives **650_02** Service Order Response indicating completion of RNP request
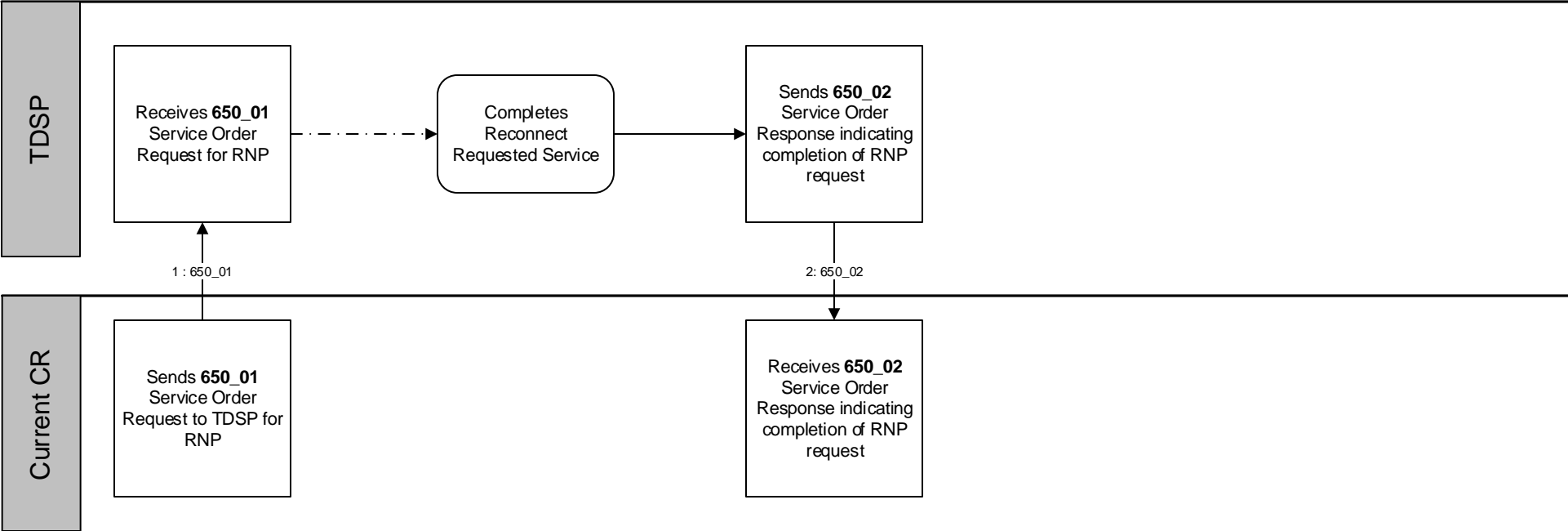
Mass Transition

Scenario: Mass Transition; Switch (814_03) initiated by ERCOT to transition ESI IDs from Defaulting (Losing) CR to Gaining or Designated CR
Transactions: 814_03, 814_04, 867_02, 814_11, 814_14, 867_03, 810_02, 867_04

Customer

Customer receives notice from POLR

POLR

Receives Notice of ESIIDs being transitioned to POLR

Receives **814_14** Drop Enrollment Request and **867_02** Historical Usage;

POLR receives customer billing information via NAESB

POLR provides required notice to customers

Receives **867_04** Initial Meter Read

(2)

(6: 814_14)

(7: 867_02)

(10)

(13: 867_04)

ERCOT

ERCOT Prepares list of ESI IDs to Synch with TDSPs

ERCOT allocates ESI IDs by POLR, per POLR rule

Sends Notice to POLR REPs and all REPs with pending transaction in ERCOT Stacking QUEUE

Sends **814_03** Enrollment Notification Request to TDSP; Sends **814_14** Drop Enrollment Request and **867_02** Historical Usage to POLR; Sends **814_11** Drop Response to Current CR

ERCOT sends complete list of ESI IDs to TDSP

ERCOT sends customer billing information to POLRs via NAESB

Receives **867_03** Final and **867_04** Initial Meter Reads & forwards to CRs; Updates Registration database

(3: 814_03)

(4: 814_04)

(5: 867_02)

(9)

(11A: 867_03)

(12: 867_04)

TDSP

Receives **814_03** Enrollment Notification Request; sends **814_04** Enrollment Notification Response and **867_02** Historical Usage

TDSP receives complete list from ERCOT

Performs Meter Read and sends **867_03** Final to ERCOT, **810_02** TDSP Invoice to CR and **867_04** Initial Meter Read to ERCOT

(1)

(8: 814_11)

(14: 867_03)

Current CR

Notifies Market REP will exit market. Current CR sends customer billing information to ERCOT via NAESB

Receives **814_11** Drop Response (accept)

(11B: 810_02)

Receives **867_03** Final Meter Read and **810_02** TDSP Invoice

TX SET Version 4.0
September 2018