

**Oracle Utilities Customer Care and Billing
Release 2.5.0**

Utility Reference Model

3.3.8.1 Establish and Maintain Net Energy Metering
Service

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Oracle Utilities Customer Care and Billing Release 2.5.0 Utility Reference Model 3.3.8.1 Establish and Maintain Net Energy Metering Service

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3.3.8.1 Establish and Maintain Net Energy Metering Service

This section provides a description of the “Establish and Maintain Net Energy Metering Service” business process, including:

- ♦ [Brief Description](#)
 - ♦ [Actors/Roles](#)
- ♦ [Business Process Diagrams](#)
 - ♦ [Establish and Maintain Net Energy Metering Service Process Model - Page 1](#)
- ♦ [Establish and Maintain Net Energy Metering Service Detailed Process Model Description](#)
- ♦ [Related Training](#)

Brief Description

Business Process: 3.3.8.1 CC&B v2.5 Establish and Maintain Net Energy Metering Service

Process Type: Process

Parent Process: n/a

Sibling Processes:

- 4.2.2.2 CC&B v2.5 Manage Meter Charges
- 4.2.2.15 CC&B v2.5 Manage Net Metering Charges

Customers in a distributed generation energy market may have renewable energy devices such as solar panels or wind turbines connected to their meters. The energy generated at this service point, as well as any energy used, could possibly be measured by a single meter, with the energy generated being netted against the energy used. This is called net energy metering (NEM).

This process describes how new sub Service Agreement for Net Metering and True up monitor are established and maintained within CC&B.

Actors/Roles

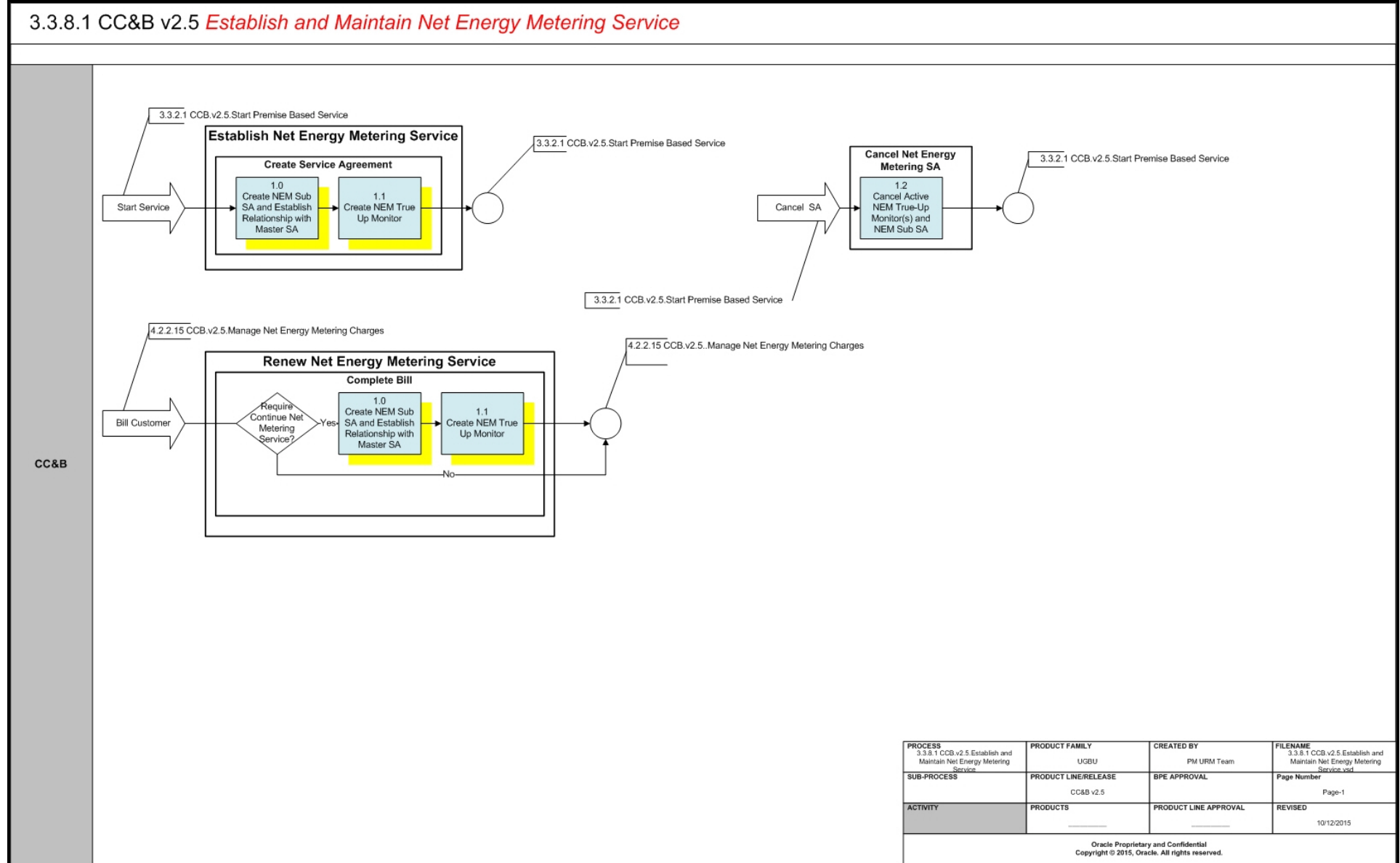
The Establish and Maintain Net Energy Metering Service business process involves the following actors and roles.

- **CC&B:** The Customer Care and Billing application. Steps performed by this actor/role are performed automatically by the application, without the need for user initiation or intervention.
- **CSR CC&B:** CSR or Authorized User of the Customer Care and Billing application.

Business Process Diagrams

Establish and Maintain Net Energy Metering Service Process Model - Page 1

3.3.8.1 CC&B v2.5 *Establish and Maintain Net Energy Metering Service*



Establish and Maintain Net Energy Metering Service Detailed Process Model Description

This section provides a detailed description of the “Establish and Maintain Net Energy Metering Service” business process, including:

- ♦ [1.0 Create NEM Sub SA and Establish Relationship with Master SA](#)
- ♦ [1.1 Create NEM True Up Monitor](#)
- ♦ [1.2 Cancel Active NEM True Up Monitor and NEM SA](#)

1.0 Create NEM Sub SA and Establish Relationship with Master SA

Reference: [Establish and Maintain Net Energy Metering Service Process Model - Page 1 on page 3](#) for the associated business process diagram.

Group:

- Establish Net Metering Service (Create Service Agreement)
- Renew Net Metering Service (Complete Bill)

Actor/Role: CC&B

Description: Start Premise Based Service process set up a Master SA for the “Distributed Generation” customer. As a part of “Start Premise based service” process, after the Master SA is setup in the system, application creates a NEM Sub SA and links it to the Master SA. Refer to 3.3.2.1 CC&B v2.5 Start Premise Based Service for details.

As a part of Billing process Net Energy Metering True Up process takes place. As a part of True Up process application automatically creates a new NEM Sub SA and NEM SA Relationship if business requires extend Net Metering Services. Refer to 4.2.2.2 CC&B v2.5 Manage Metered Charges and 4.2.2.15 CC&B v2.5 Manage Net Energy Metering Charges for details.

Available Algorithms

- C1-SAT-SARL - This algorithm creates an SA Relationship record as well as the Sub SA.
- C1-TUM-SARL - This algorithm creates a new SA relationship or updates an existing future SA relationship for the subsequent true up period.

Business Objects

- C1-NEMTrueUpTask
- C1-NEMTrueUpTaskType

Entities to Configure

- SA Type
- SA Relationship Type
- Service Task Type
- Characteristic Type

1.1 Create NEM True Up Monitor

Reference: [Establish and Maintain Net Energy Metering Service Process Model - Page 1 on page 3](#) for the associated business process diagram.

Group:

- Establish Net Metering Service (Create Service Agreement)
- Renew Net Metering Service (Complete Bill)

Actor/Role: CC&B

Description: After Net Metering sub SA is created, CC&B also creates the True Up Monitor for required true up period.

Note: A characteristic is added on the Sub SA to link the True Up Monitor Service Task ID.

Available Algorithms

- CI_SATTUMN6 - This algorithm creates a true up monitor.

Business Objects

- C1-NEMTrueUpTask
- C1-NEMTrueUpTaskType

Entities to Configure

- SA Type
- SA Relationship Type
- Service Task Type
- Characteristic Type

1.2 Cancel Active NEM True Up Monitor and NEM SA

Reference: [Establish and Maintain Net Energy Metering Service Process Model - Page 1 on page 3](#) for the associated business process diagram.

Group: Cancel Net Energy Metering SA

Actor/Role: CC&B

Description: As a part of “Start Premise Based Service” process, after the Master SA is being canceled, application also cancels NEM Sub SA and associated Active True Up Monitor. Refer to 3.3.2.1 CC&B v2.5 Start Premise Based Service for details.

Available Algorithms

- CL_CNCTUMN6 - This algorithm cancels active true up monitors.

Business Objects

- C1-NEMTrueUpTask
- C1-NEMTrueUpTaskType

Entities to Configure

- SA Type
- Service Task Type
- Characteristic Type

Related Training

The following User Productivity Kit (UPK) modules provide training related to this business process:

- Oracle Utilities UPK for Customer Care and Billing, Administrative Setup
- Oracle Utilities UPK for Customer Care and Billing, User Tasks
- Oracle Utilities UPK for Customer Care and Billing, Credit and Collections
- Oracle Utilities UPK for Customer Care and Billing, Rating and Billing
- Oracle Utilities UPK for Customer Care and Billing, Rating and Billing for Interval Data