Name: Create the RT Contingency File

Summary:

Produce the RT Contingency File that corresponds to the model creation date using the NMMS software. The output is a CSV file.

Acronyms:

ERCOT	**Electric Reliability Council of Texas**
MMS	**Market Management System**
MP	**Market Participant**
NMMS	**Network Model Management System**
NOMCR	**Network Operations Model Change Request (AKA: Project Files)**
MC	**ERCOT Model Coordinator**
SAMR	**Special Action Model Request**
TSP	**Transmission Service Provider**
RT	**Real Time**

Actor(s):

Name	Role description
MC at ERCOT	Creates the RT Contingency File to distribute with the MMS Model

Participating Systems:

System	Services or information provided
Market Management System (MMS)	Receives the RT Contingency File after the Case Builder has created the correct one to distribute based on the date specified.
NMMS at ERCOT	The MC uses the Case Builder option for the MMS Model to create the RT Contingency File The RT Contingency File is created based on the date specified.

Pre-conditions:

NONE

Design Considerations:

- None

Known assumptions, limitations, constraints, or variations that may affect this use case:

- The RT Contingency File for the MMS Model will be generated each month on the first day of the Month and will correspond to the MMS Model that is created on that same date.
- The MC will create this file using the Case Builder.

Normal Sequence:

Use Case Step	Description	From - To	Information Content
Step 1	The RT Contingency File is part of the MMS Model package; however, it is a separate file and is created from the NMMS Case Builder as a separate action from the MMS Model Build request.	(from) NMMS to (to) NMMS	The request for the RT Contingency File
Step 2	NMMS software sends the RT Contingency File to the MMS	(from) NMMS to (to) MMS	The content of the file is produced by selectively transcribing information into the RT Contingency File stored by the NMMS system. It is a CSV file.

Exceptions / Alternate Sequences:

NONE

Post-conditions:

NONE

References:

Use Cases referenced by this use case, or other documentation that clarifies the requirements or activities described.

- COWM.P04RunRTMarket_UC_CreateMMSRTModel
- COPS.P01ModelManageData_UC_ProcessContingencyDefinition

The following Standards and other documents are referenced by this case:

- ERCOT Nodal Protocols
- ERCOT NMMS Requirements

Issues:

ID	Description	Status
1.	Contingency Definitions need to be stored in the NMMS	

Revision History:

No	Date	Author	Description
0	9/18/06	M. Goodrich	Initial Version