Use Case – Create CRR Contingency File
COWM.P05ConductCRRMarket_UC_CreateCRRContingencyFiles_V0.4

Name: Select Contingency File for the CRR Model

Summary:

Based on the dates used for the Congestion Revenue Rights Model, produce the Contingency File that corresponds to the date using the NMMS software. The output is a CSV file.

Acronyms:

ERCOT	**Electric Reliability Council of Texas**
CRRS	**Congestion Revenue Rights 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**
CU	**CRRS User**

Actor(s):

Name	Role description
CU at ERCOT	Creates the Contingency File to distribute with the CRR Model

Participating Systems:

System	Services or information provided
Congestion Revenue Rights System (CRRS)	Receives the Contingency File after the Case Builder has created the correct one to distribute based on the date specified.
NMMS at ERCOT	The CU uses the Case Builder option for the CCR Model to create the Contingency File The 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 Contingency File for the CRR Model will be generated each month on the first day of the Month and will correspond to the CRR Model that is created on that same date.
- The CRR User will create this file using the Case Builder.

Normal Sequence:

Use Case Step	Description	From - To	Information Content
Step 1	The CRR Contingency File is part of the CRR Model package; however, it is a separate file and is created from the NMMS Case Builder as a separate action from the CRR Model Build request.	(from) NMMS to (to) NMMS	The request for the CRR Contingency File
Step 2	NMMS software sends the CRR Contingency File to the CRRS	(from) NMMS to (to) CRRS	The content of the file is produced by selectively transcribing information into the CRR 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.P05ConductCRRMarket_UC_CreateCRRModel
- 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		J. Winkel	Initial Version
1	8/26/06	M. Goodrich	Reviewed and Revised
2	9/10/06	M. Goodrich	Added comments from Crews and Moseley
3	9/18/06	M. Goodrich	Added edits from NMG