Business Process
BP_SO_11.4 Coordinated Third-Party Trading

1 ASSUMPTIONS

Assumptions made during the design of this process include:

- This is an All- Island business process, meaning the same process will be used across both jurisdictions on the island, Ireland and Northern Ireland. It can be conducted by the relevant team in either Dublin or Belfast;
- The following business process addresses all requirements, including roles, tools, and activities that will enable the TSO to achieve its objectives; and
- All required systems, including MMS and ICMP are in place. They offer all required functionalities to support business needs.

2 PROCESS REFERENCES

2.1 RELATED RULES REFERENCES

The following table provides references to the documents that govern the design of this business process.

Document Title	Relevant Section	Description
SEM-11-062 Principles of Dispatch	All	This SEM Committee Decision provides principles for the TSOs in relation to dispatch including the interpretation of priority dispatch.
Commission Regulation (EU) 2015/1222 of 24 July 2015 establishing a guideline on capacity allocation and congestion management	Clause 12	TSOs should implement coordinated redispatching of cross-border relevance or countertrading at regional level or above regional level. Redispatching of cross-border relevance or countertrading should be coordinated with redispatching or countertrading internal to the control area.

2.2 RELATED DOCUMENTS

The following table provides a list of documents that are related to this business process.

Document Title	Relationship	Description
MMS User Guide for System Operations	System Guide	Includes detailed procedures on how to implement process steps in MMS.
ICMP User Guide for System Operations	System Guide	Includes detailed procedures on how to implement process steps in ICMP and also steps for manual entry of CBB trades.
BP_SO_10.1 Perform Long Term and Short Term Scheduling	Related process	Long Term Scheduling or Real Time Commitment run is performed to determine any trade quantities in MMS as part of this process.
Methodology for determining System Operator and Non-Marginal Flags	Information	Appendix N of the Trading and Settlement Code requires the TSO to publish a methodology on how actions are flagged for the purpose of imbalance pricing.
Balancing Market Principles Statement	Information	Public guide to the scheduling and dispatch process.

3 PROCESS CONTEXT

3.1 BUSINESS MODEL RELATIONSHIP

The 'Trading' process group details the mechanisms available to EirGrid, SONI and National Grid Electricity Transmission plc (NGET) to exchange energy across the Moyle and EWIC interconnectors. The arrangements are similar for both Moyle and EWIC in accordance with the operating agreements between the TSOs, and any differences are captured in the relevant process steps.

Coordinated Third-Party Trading is a mechanism available to alter the physical flows on the interconnectors on a firm reference program in advance of the Cross Border Balancing timeframes.

3.2 BACKGROUND AND SCOPE

EirGrid and SONI may need to alter the Interconnector Reference Program (ICRP) calculated based on Day-Ahead Market (DAM) and Intra-Day Markets (IDA) auction results to avoid curtailment of priority dispatch or for system security. Coordinated Third-Party Trading (CTPT) allows the TSO to meet these objectives further in advance of real time to avoid the dependency on Cross Border Balancing Trading which occurs up to two and half hours before real time. Following publication of the IDA1 market results the interconnector reference programs (ICRP) for Moyle and EWIC are both updated and are considered firm until 11:00 on D. CTPT can be used to vary the ICRP on both interconnectors up until this time. Following publication of the IDA2 market results the interconnector reference programs (ICRP) for Moyle and EWIC are both updated and are considered firm from 11:00 to 23:00 on D. CTPT can be used to vary the ICRP on both interconnectors during this period.

4 PROCESS OBJECTIVE

The objective of this Business Process is to meet the following obligations, namely:

1) SEM-11-062 Principles of Dispatch
2) Commission Regulation (EU) 2015/1222 of 24 July 2015 establishing a guideline on capacity allocation and congestion management

5   ROLES AND RESPONSIBILITIES

5.1.1   REAL TIME

The following table provides a summary of the obligations of *Real Time* relating to *Coordinated Third-Party Trading*:

Function	Responsibility in relation to process	Timeline Associated
Real Time	• Request trade approval from NGET	As required
	• Initiate CTPT trading if required and instruct trading partner to implement trades	As required
	• Ensure all trades are correctly entered in the systems for imbalance pricing and for scheduling	Within 15 minutes of trade commencing
	• Accept or reject trade request from NGET	

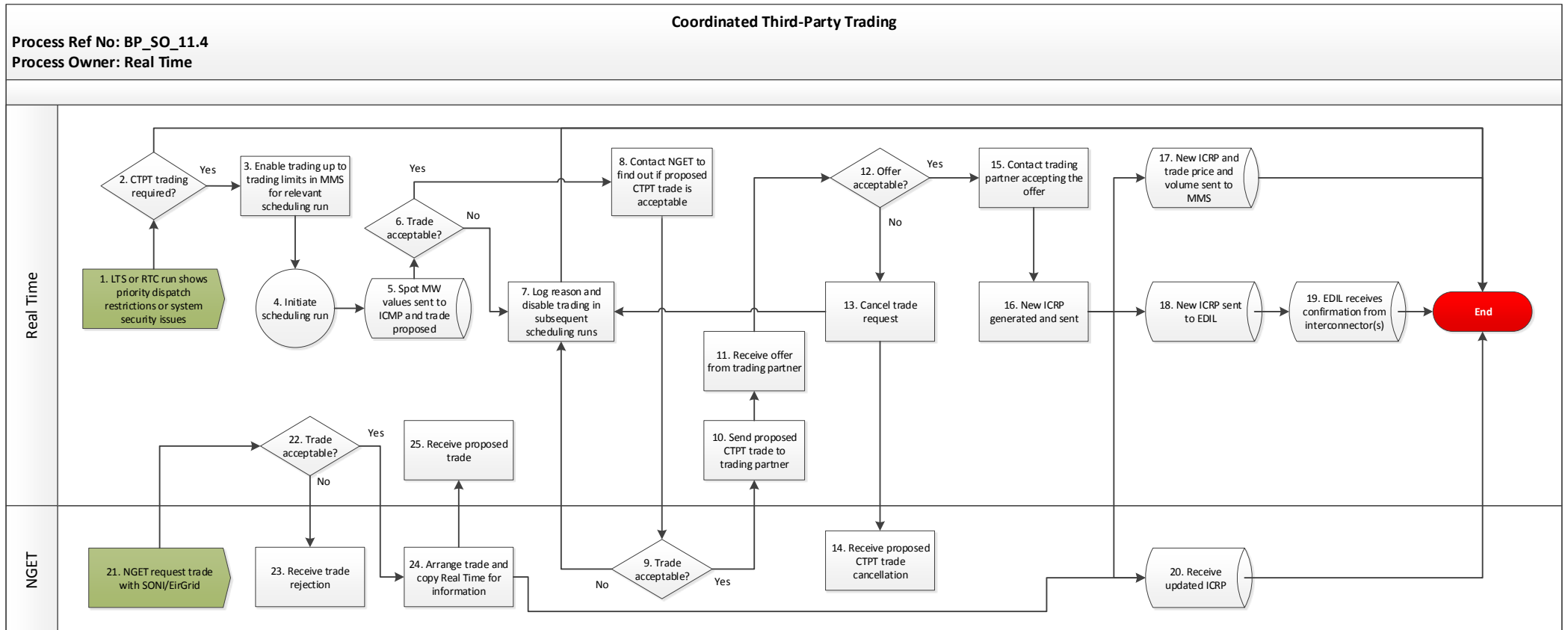### 5.1.1   NATIONAL GRID ELECTRICITY TRANSMISSION PLC (NGET)

The following table provides a summary of the obligations of *NGET* relating to *Coordinated Third-Party Trading*:

Function	Responsibility in relation to process	Timeline Associated
NGET	• Request trade approval from Real Time	As required
	• Initiate CTPT trading if required	As required
	• Ensure all trades are correctly entered in the systems	As required
	• Accept or reject CTP trade proposal from Real Time	As required

6 PROCESS DESCRIPTION
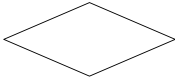
6.1 LEVEL 3 PROCESS

6.1.1 PROCESS MAP

Coordinated Third-Party Trading

Process Ref No: BP_SO_11.4
Process Owner: Real Time

6.1.2 PROCESS STEPS

| #	Step	Step Description	Responsible Role	Outputs	Indicative Timing/ Frequency	System
1	LTS or RTC run shows priority dispatch restrictions or system security issues	An LTS or RTC run shows priority dispatch reduction or system security issues.	N/A	Schedules	N/A	MMS
2	CTPT trading required?	Is Coordinated Third-Party Trading required to reduce priority dispatch curtailment or alleviate system security issues? If no, then no further steps required. If yes, then go to Step 3.	Real Time	Decision	As required	N/A
3	Enable trading up to trading limits in MMS for relevant scheduling run	Enable trading limits for Moyle and EWIC interconnectors in that run.	Real Time	N/A	As required	MMS
4	Initiate scheduling run	Refer to BP_SO_10.1 Perform Long Term and Short Term Scheduling on how to initiate and perform scheduling run.	Real Time	Scheduling run	As required	MMS
5	Spot MW values sent to ICMP and trade proposed	The LTS or RTC run varies the ICRP by proposing spot MW value changes to it based on a decremental 'priority dispatch' price to avoid curtailment of priority dispatch or for system security reasons.	Real Time	Proposed trade	N/A	ICMP
6	Trade acceptable?	Operator reviews trade to determine if it is	Real Time	Decision	As required	ICMP

#	Step	Step Description	Responsible Role	Outputs	Indicative Timing/ Frequency	System
		acceptable? **Criteria for trade acceptance:** 1. Priority Dispatch must not be further curtailed unless alleviating system security issue 2. Constraints should not be breached If no, go to Step 7. If yes, go to Step 8.				
7	Log reason and disable trading in subsequent scheduling runs	Log reason and disable trading in subsequent scheduling runs.	Real Time	Log entry	As required	All Island Log, MMS
8	Contact NGET to find out if proposed CTPT is acceptable	Real Time contact NGET to find out if the proposed trade is acceptable to them.	Real Time	N/A	As required	Phone/email
9	Trade acceptable?	NGET either accept or reject the consideration of proposed trade. If no, go to Step 7. If yes, go to Step 10.	NGET	Acceptance of rejection of the consideration of a trade.	As required	Phone/email
10	Send proposed trade to trading partner	Trade sent to the trading partner to facilitate a trade for the new position in BETTA.	Real Time	Trade	As required	ICMP
11	Receive offer from trading partner	Receive offer from trading partner for proposed trade.	Real Time	Proposed offer	As required	E-Mail

#	Step	Step Description	Responsible Role	Outputs	Indicative Timing/ Frequency	System
12	Offer acceptable?	Review offer sent by trading partner, accept or reject. If reject, go to Step 13 and inform NGET If accept, go to Step 14.	Real Time	Decision	As required	E-Mail
13	Cancel trade request	Contact NGET and trading partner to cancel the proposed trade, go to Step 7.	Real Time	Trade cancelled	As required	Phone and E-Mail
14	Receive proposed CTPT trade cancellation	Receive proposed CTPT trade cancellation	NGET	Trade cancellation	As required	Phone and E-Mail
15	Contact trading partner accepting the offer	Contact trading partner to accept the proposed offer.	Real Time	Offer acceptance	As required	E-Mail
16	New ICRP generated and sent	Following approval and confirmation of trade with NGET a new ICRP is automatically generated and sent.	System Step	New ICRP	As required	ICMP
17	New ICRP and trade price and volume sent to MMS	New ICRP and trade price and volume sent to MMS for inclusion in scheduling, imbalance pricing & reporting.	System step	New ICRP	As required	ICMP, MMS
18	New ICRP sent to EDIL	New ICRP sent to EDIL for control of the interconnector.	System step	New ICRP	As required	ICMP, EDIL
19	EDIL receives confirmation from interconnector(s)	EDIL receives 'agreed' confirmation from interconnector(s) that ICRP has been accepted by control system.	System Step	New ICRP	As required	EDIL/Interconnectors

#	Step	Step Description	Responsible Role	Outputs	Indicative Timing/ Frequency	System
20	Receive updated ICRP	New ICRP sent to NGET.	System step	New ICRP	As required	ICMP
21	NGET request trade with SONI/EirGrid	NGET have ascertained that they require a trade and send request to Real Time	NGET	Trade requirement	As required	Phone/email
22	Trade acceptable?	Real Time run the relevant MMS run to ascertain if the proposed trade can be accommodated. **Criteria for trade acceptance:** 1. Priority Dispatch must not be curtailed unless trade is to alleviate an NGET system security issue 2. System security or constraints should not be breached If no, go to Step 19. If yes, go to Step 20.	Real Time	Approve or reject trade	As required	MMS
23	Receive trade rejection	NGET receive trade rejection from Real Time including reason for rejection.	NGET	Trade rejected	As required	Phone/email
24	Arrange trade and copy Real Time for information	NGET arrange the trade and copy Real Time for information.	NGET	Trade	As required	ICMP

7 APPENDICES

7.1 PROCESS FLOWCHART KEY

FLOWCHART KEY	
Trigger	Trigger
	Process step
	Process decision / question
	Reference to another process
	Another business process to be implemented following current step (current step is a trigger for another process)
End	Process end
	System