Implicit Intraday Functionality in AMP

Ian McClelland
6th May 2015
PURPOSE OF SESSION

To provide Auction Management Platform (AMP) Users with information relating to the implementation of a new Implicit Auction module.
Background to Implicit Auctions

July 2012

- SEMO implemented Intra-Day Trading (IDT) arrangements
- IDT introduced two additional Market Gates (EA2 & WD1) per Trade Date
- Based on new Use-It-Or-Sell-It (UIOSI) principles, IC Users can re-bid for any unused IC capacity (via SEMO systems)
- IC Users were either compensated / charged depending on whether they sold or bought capacity
Background to Implicit Auctions

• Until now, IC Owners have calculated the monthly charges/payments using SEMO data and invoiced accordingly.
Background to Implicit Auctions

- From May 2015, AMP will receive and make available to IC Users the EA2 and WD1 Implicit Auction data from SEMO
- AMP will undertake the charges / compensations calculations with the IC Owner invoicing based on this data
Release Phases

Phase 1 Rollout: 25th March 2015
• Introduced Implicit Auction charges and UIOSI compensations to the credit cover calculation in AMP
• IC Owners continued to calculate invoices

Phase 2 Rollout: 6th May 2015 (Outage: 19:00 – 20:30)
• Will introduce several revised screens for AMP users
• These will show:
  • SEMO Implicit Auction Data
  • SEMO UIOSI Data
  • Implicit Auction Charges / Payments
New AMP file from SEMO

A new IART (Intra-Day Auction Results Transaction) file will transfer Implicit Auction data from the SEMO systems to AMP shortly after the EA2 and WD1 market runs.

• EA2 IART file :- contains Moyle and EWIC aggregate data (06:00-06:00) from the SEMO EA2 Implicit Auctions.

• WD1 IART file:- contains Moyle and EWIC aggregate data (18:00-06:00) from the SEMO WD1 Implicit Auctions
Revised AMP Screens

• SEM Implicit Auctions > Implicit Auction Statistics

• SEM Implicit Auctions > Implicit Auction Results

• Nominations > UIOSI/UIOLI Overview

• Settlement & Credit Management > Settlement Data Overview

• Settlement & Credit Management > Credit Limit Overview
New AMP Reports

Additional Reports:

• Settlement Data Download (MS Excel) > Day-Ahead UIOSI Report
• Settlement Data Download (MS Excel) > Intra-Day UIOSI Report
• Settlement Data Download (MS Excel) > Within-Day UIOSI Report
Implicit Auction Screens

Note: All screenshots are from a test environment and may differ very slightly in layout from AMP Production.
1. Implicit Auctions Statistics

- Shows the Intra-Day and Within-Day aggregate statistics for each IC direction.

- This SEMO data is not specific to individual auction participants.

- If a SEMO Market Run is cancelled, an IART file may still be received but is for information purposes only.

IMPORTANT: The screenshot above shows dummy data.
<table>
<thead>
<tr>
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IMPORTANT: The screenshot above shows dummy data
2. Implicit Auction Results

- Shows the Intra-Day and Within-Day auction results for each IC direction.
- This SEMO data is specific to individual auction participants.
- If a SEMO Market Run is cancelled, an IART file may still be received but is for information only.

IMPORTANT: The screenshot above shows dummy data.
<table>
<thead>
<tr>
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IMPORTANT: The screenshot above shows dummy data
3. **UIOSI / UIOLI Overview**

- This SEMO data is specific to individual auction participants.

- Shows the LT Active Capacity Holdings (does not include the DA ACH).

- Shows what is available to sell and what has been sold in the DA, EA2 and WD1 Market runs.

IMPORTANT: The screenshot above shows dummy data.
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IMPORTANT: The screenshot above shows dummy data.
4. Settlement Data Overview

This screen will now include Implicit Auction UIOSI data.

This provides IC Users with a UIOSI Settlement total, dependant on the date range and interconnector selected.

IMPORTANT: The screenshot above shows dummy data.
New Settlement Data Downloads

Additional Reports:

- Settlement Data Download (MS Excel) > Day-Ahead UIOSI Report
- Settlement Data Download (MS Excel) > Intra-Day UIOSI Report
- Settlement Data Download (MS Excel) > Within-Day UIOSI Report
**E.g., Intra-Day UIOSI Settlement Report**

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<th>Source Name</th>
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<th>Target Junction Station Code</th>
<th>UIOSI Capacity (MW)</th>
<th>Price for Result (BESI / MW)</th>
<th>Compensation for Result (BESI / MW)</th>
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</thead>
</table>

**IMPORTANT:** The screenshot above shows dummy data.
Next Steps

• An information pack will be circulated to participants via email

• AMP Outage this evening (6th May 2015) from 19:00 – 20:30

• Queries: Contact interconnectors on +44 (0) 28 9070 7450 or via email at interconnectors@soni.ltd.uk
Overview of Mod_09_14
Amendment of Make Whole Payments for Interconnector Units
Content

• What are Make Whole Payments?

• Who will receive Make Whole Payments?

• Why Change Make Whole Payments for Interconnector Users?

• How will Make Whole Payments Change for Interconnector Users?
MWP – what are they?

4.139 The purpose of Make Whole Payments is to make up any difference between the total Energy Payments to a Generator Unit in a Billing Period, and the Schedule Production Cost within that Billing Period (where the difference is arithmetically positive calculated over the Billing Period)…

• This is to guarantee recovery of all submitted costs over a Billing Period;

• SEM is designed to recover costs through Energy Payments, due to Uplift;
MWP – who will receive them?

- In some cases Production Costs are not recovered through SMP;

- If energy charge for export bid ($\text{SMP} \times \text{MSQ} \times \text{TPD}$) is greater than cost ($\text{MOP} \times \text{MSQ} \times \text{TPD}$);

  - i.e. Export bid is greater than Shadow Price (‘merited’) but less than SMP;

- Interconnector Users are excluded from Uplift calculation due to no Start Up or No Load Cost;
MWP – who will receive them?

• In some cases Production Costs are not recovered through SMP;

• If energy charge for export bid \((\text{SMP} \times \text{MSQ} \times \text{TPD})\) is greater than cost \((\text{MOP} \times \text{MSQ} \times \text{TPD})\);

  \[ \text{i.e. Export bid is greater than Shadow Price (‘merited’) but less than SMP}; \]

• Interconnector Users are excluded from Uplift calculation due to no Start Up or No Load Cost;
Why Change MWPs for Interconnector Users?

• Practical implementation of Intraday Trading resulted in MWP contributions being isolated in each Gate Window.

• MWPs paid based on gross position where net position was already ‘whole’;

• Any solution needed to:

  ➢ Be practicable and align with the Code Objectives in TSC
  ➢ Determine MWPs without over-recovery for aggregate position
  ➢ Determine MWPs without under-recovery against costs
How Will MWP's Change for Interconnector Users?

- Four Modifications proposed to address the issue;

- Mod_09_14_V2 Amendment to Make Whole Payments for Interconnector Units - recommended for approval;

- Aggregate MWP's over all Gate Windows and apply Max(MOP,SP) to import

- Provisional implementation date 2nd October 2015
**Algebraic Implementation**

\[ MWPib = \text{Max} \left\{ \sum_{u \in \text{units}} \sum_{h \in \text{hours}} \left[ \begin{array}{l l}
\text{If } \text{MSQLF}_{uh} \geq 0 \\
\text{then } \left( \text{Max}(\text{MOP}_{uh}, \text{SPh}) - \text{SMP}_{h} \times \text{MSQLF}_{uh} \right) \\
\text{else } \left( \text{MOP}_{uh} - \text{SMP}_{h} \times \text{MSQLF}_{uh} \right)
\end{array} \right] + \text{MSQCCLF}_{uh} \times \text{TPD}_h, 0 \right\} \]

Sum over Units u in Interconnector User i

Apply max of bid or Shadow Price to import
Questions
FCA Guideline - Current Status

• ENTSO-E resubmitted draft – Apr 2014

• EC Informal Service Level Draft – 15 Apr 2015

• ACER/ENTSO-E input - 30 Apr 2015

• Trilateral meeting – 4 May 2015
FCA Guideline - Main topics 1

- Update FCA based on CACM changes
- Splitting Methodology – “longest” horizon
- General provisions – NRA approvals
  - Local to Regional, Regional to Pan-EU
- Options for Cross Zonal Risk Hedging
- Secondary Trading
  - Change to Transfer of LTTRs
- Single Allocation Platform
  - Reduced timelines
- Transitional Arrangements - deleted
FCA Guideline - Main topics 2

• Harmonised Allocation Rules
  • Shortened timelines
  • HAR Annex too prescriptive
  • HAR Annex trumps HAR common text

• Firmness
  • Long Term Firmness deadline for PTRs/FTRs
  • “Concerned” TSO compensates
  • No Cap after Long Term Firmness deadline?
  • Cap based on total congestion income from all Bidding Zone borders of TSO?
  • EC wants “System Security” defined for firmness
FCA Guideline – Next Steps

• EC redraft based on 4 May Trilateral discussion
• Trilateral meeting – end May/early June
• 1st ECBC meeting – 25/26 June
• Trilateral meeting – end June/early July?
• 2nd ECBC meeting – 23/24 July
• Vote – September (TBC)?
• “Entry into force” date – June/July 2016?

• FCA/Connection Codes – independent timeline
Harmonised Allocation Rules
Paul McGuckin

6th May 2015
Drivers and background to HAR

• FG Capacity Allocation and Congestion Management (ACER – 2011)
• Forward Capacity Allocation Network Code (ENTSOE – expected in force 2015)
• Harmonised Allocation Rules (‘All TSOs’ task – ongoing)

HAR are early implementation project
Process so far

Mid-2013 to mid-2014: Preparatory work

July 2014: Decision to include FTR options only

Q3 2014 to Q1 2015: Drafting of HAR

March 2015: Public consultation
Process so far

April to June 2015
Consideration of feedback

June/July 2015
Submission for NRA approval

September 2015
NRA approval
HAR for Moyle and EWIC

- Approved 2015 but will only apply for FTR options in I-SEM
- Current rules apply for products until I-SEM go-live (subject to NRA approval)
- These provisions set out in ‘regional annex’ to the HAR
What is different in HAR?

- Participation agreement
- ‘Allocation Platform’ - ‘single point of contact’
- Dedicated Business Account
- Credit cover requirements
- Curtailment
- Firmness
I-SEM regional annex content

• Only apply for I-SEM

• Ramping provisions

• ‘Capacity shortage’ for curtailment
What about FTR obligations?

Current SEM

PTRs with UIOSI

FTR options

FTR obligations

Target model compliant

SEM

European ‘norm’

Future European ‘norm’

On table for I-SEM
What about FTR obligations?

- Not contemplated by current HAR
- FCA requires their inclusion in HAR
- Timing for inclusion unclear and unlikely to meet I-SEM requirements
Summary

• European Harmonised Allocation Rules effectively complete

• Will be in use for Moyle and EWIC in I-SEM

• Status of rules for FTR obligations unclear
FCA NC and I-SEM Context

- FCA NC sets out the requirements for harmonised allocation rules (HAR) and the allocation platform
  - Tri-lateral discussions underway for FCA NC
  - Questions now regarding transitional solution via existing regional platform
  - Timelines for implementation of single allocation platform are challenging

- HAR was consulted on during March 2015
  - Currently covers PTRs and FTR Options, *not* FTR Obligations
  - Consultation responses now under review
  - Working towards a final HAR for end June

- I-SEM design requires an FTR solution for long term auctions before I-SEM go-live
Harmonised Allocation Rules

- Registration
- Collateral
- Auctions
- Return of Long Term Transmission Rights
- Transfer of Long Term Transmission Rights
- Use and Remuneration of LTRs
- Fall-back Procedures
- Curtailment
- Invoicing and Payment
SEM-GB Border Specific Annex

• HAR and Border Specific Annex to apply from I-SEM Go-Live
• LTR remuneration adjusted to reflect ramping constraints
• Curtailment due to ‘Capacity Shortage’ calculated as per ‘System Security’ curtailment
## Allocation Platform Functionality

### Current

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<th>BritNed Registration</th>
<th>Moyle Registration</th>
<th>EWIC Registration</th>
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<td>EWIC Invoicing</td>
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### Single Allocation Platform

- Registration
- Auctions
- Secondary Trading
- Publications
- Rights Tracking
- Credit
- Settlement
- Invoicing

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NC Compliance Improves
Implementation complexity increases
Allocation Platform – Options

- **I-SEM Specific Auction Management Platform**
  - Interconnector or Administrator
  - EWIC
  - Moyle

- **Regional IT Platform (all FUIN HVDC)**
  - Local Office (Interconnector Administrators)
  - Interconnector Owners
  - Common FUIN Tool (HVDC Allocation Platform)
  - Regional Office (FUIN)
  - Regional Office (FUIN)
  - Common FUIN Tool (HVDC Allocation Platform)

- **Regional Office (all FUIN HVDC)**
  - CASC-CAO Office (I-SEM + CASC-CAO)
  - Central Europe Office (CASC-CAO)
  - CASC-CAO Tool (AC Allocation Platform)
I-SEM Specific Option

• Details of costs and timelines to implement a local solution have been assessed
• Detailed ‘Use Cases’ have been developed for the FTR solution for I-SEM
  – These represent the business and systems functionality requirements
  – Useable for both the I-SEM specific and regional solutions
• More control over delivery timelines …
  … but fewer benefits to customers and competition in the market
Regional Platform Implementation

• Agree preferred solution
• Establish governance and cost sharing (MoU)
• Complete detailed functional design
  – Ensure HAR compliance
  – Implement FTR solution for I-SEM
  – Implement PTR solution for BritNed and IFA (for regional options)
  – Consider additional HVDC specific functionality
• Engage solution provider
• Commence staged delivery approach
  – Stage 1 – PTR delivery for Q2 2016
  – Stage 2 – FTR delivery for Q4 2016
Regional Platform Benefits

• Coordinated across FUIN
  – Strong FUIN voice within Europe with strategic focus
• Delivers efficiencies for customers and drives more efficient use of interconnectors
  – Single customer interface
  – Access to more interconnectors
• Delivers Target Model objectives
  – More effective in the market
• Improves underlying cost base
CASC/CAO initiative

• CASC & CAO merger
  – 19 TSOs in 16 countries
• Development of Single Allocation Platform
• Creating a Joint Auction Office
• FUIN has monitoring role via ENTSO-E
  – Limited input opportunities
Transitional Arrangements

- Auctions for FTR products are proposed to start with timescales coincident with I-SEM start.
- PTR and FTR products to be offered as follows:
  - PTR products will be sold up until 30th September 2017 inclusive.
  - FTR products will be sold for 1st October 2017 onwards.
- There will be two auction management platforms in place for the timeframe of initial auction of FTRs to final invoice payments for PTRs:
  - Current AMP where customers have contracts with the IA and Ios.
  - Future platform where customers register directly with the IA.
Next Steps

• Final assessment of all options
• Implement decision on FTR options/obligations once available in September
  – Working on the assumption that FTR Options will be utilised
• Progress work on regional platform option
• Continue to engage with ENTSO-E
  – Clarify timeframes for FTR Obligations rules development
  – Establish a realistic timeframe for the single allocation platform
• Regular discussions with RAs
• On-going stakeholder engagement
Moyle operational overview
Paul McGuckin

6th May 2015
Moyle operational overview

- Availability
- Physical and commercial use of the asset
- Auctions
Moyle availability

Moyle actual availability and adjusted for cable and National Grid outages

Availability excluding cable faults and NG outages
Moyle availability

Moyle actual availability and adjusted for cable and National Grid outages.

Year ending

- December 2009
- December 2010
- December 2011
- December 2012
- December 2013
- December 2014

Availability

- 2 week NG outage in year
- Onshore cable fault 2 months NG outage 3 weeks
- 2 cable faults
- Faults repaired New fault in June
- Running at 250MW NG outage 38 days
- Running at 250MW NG outage 64 days

Moyle interconnector
Moyle availability

Moyle actual availability and adjusted for cable and National Grid outages:

- 2 week NG outage in year
- Onshore cable fault 2months NG outage 3 weeks
- 2 cable faults
- Faults repaired New fault in June
- Running at 250MW NG outage 38 days
- Running at 250MW NG outage 64 days

Availability excluding cable faults and NG outages over 99.5%
Moyle commercial flows

Moyle MIUNs February 2013

Total MIUNs (MW)

import MIUNs
export MIUNs
Net MIUNs

mutual energy
Moyle commercial flows

Moyle MIUNs February 2015

Moyle MIUNs
-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000

Total MIUNs (MW)

04/02/2015 05/02/2015 06/02/2015 07/02/2015 08/02/2015 09/02/2015 10/02/2015 11/02/2015 12/02/2015 13/02/2015 14/02/2015 15/02/2015 16/02/2015 17/02/2015 18/02/2015 19/02/2015 20/02/2015 21/02/2015 22/02/2015 23/02/2015 24/02/2015 25/02/2015 26/02/2015 27/02/2015 28/02/2015

import MIUNs
export MIUNs
Net MIUNs
Moyle commercial flows

- Total MIUNs
  - Feb 2015 327,751MW
  - Feb 2013 286,917MW
- Physical flows reduced but trading activity up
- Imports reduced but exports substantially increased
- Import hedging, export arbitrage?
Moyle auction prices

Moyle monthly capacity auction prices

Import monthly auction prices £MWh
Export monthly auction prices £MWh


Import
Export
Summary

• Moyle asset performance has been strong (leaving cables aside)
• Physical flows trending down
• Commercial flows showing overall increased activity
• Auction prices showing volatility/sensitivity to market conditions
Moyle Interconnector Technical Update

Interconnector Users Forum

5 May 2015, Belfast

Stephen Hemphill
Group Operations Manager
Presentation Outline

- Recap: Moyle Cable Faults History & Recovery Plan
- Recovery Plan Progress
  - Emergency Fall Back 250MW
  - Interim Solutions 500MW
    - Bipole Operation
    - Seabed Repair
  - Enduring Solution Return Conductor Cable Replacement
- South West Scotland Context
- Summary – Impact on Capacity & Availability
Fault History & Reason for Projects

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Moyle Interconnector (Electricity Business)

- Links the electricity grids of Northern Ireland and Scotland through two submarine cables
- Cables run between converter stations at Ballycronan More in Islandmagee, County Antrim and Auchencrosh in Ayrshire
- The link has a capacity of 500MW (approx 30% of Northern Ireland's energy requirements)
- Submarine DC cable system consisting of two separate 250MW cables running the 62km route length
- In NI, underground cable system between Ballycronan More and Port Muck
- In Scotland, underground cable system between Currarie Point and Auchencrosh
High Voltage Conductor & Low Voltage Return

1000A
1ohm
250kV
250MW

Ballycranmore
Northern Ireland

Auchencrash
Scotland

Pole 2
1kA

Pole 1
1kA

Moyle Interconnector
1. 09/09/10 Land based fault, south cable, pole 1, returned 18/11/10
2. 26/06/11 Subsea 150m depth buried/rock dumped, south cable, Pole 1, returned 18/01/12
3. 24/08/11 Subsea 20m depth buried in silt, North cable, Pole 2, returned 14/02/12
4. 23/06/12 Subsea 25m depth buried in silt, North cable, Pole 2, yet to be returned to service
Nature of Faults – IRC Insulation

- Integrated Return Conductor (IRC)
- IRC Insulation, PE
- Armour, Galvanised Steel
Nature of Recent Faults – IRC Insulation
Recovery Plan

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Recovery Plan: April 2013

- Engineer and prove the ability to use two healthy HV conductors to reconfigure a single monopole capable of 250MW – with no reliance on fault prone integrated return conductor insulation – Emergency Fall Back in event of two concurrent faults in IRC on both poles

- Specify, procure & gain consent to replace the fault prone integrated return conductors with new metallic return conductor (MRC) cables (estimated possible 2018)

- Develop two possible “Interim Solutions” to temporarily return the technical capacity of Moyle back to 500MW
  - Bipole Operation
  - Seabed Repair – starting with pinpointing the fault!
Emergency Fallback @ 250MW
&
Bipole Operation @ 500MW
Dual Monopole IRC cables 500MW

Emergency Fallback 250MW

Bipole with single MRC 500MW
Replace LV Conductors Target Programme

Compass deviation, threshold of 10 degrees

Y (km)

X (km)

< 10 degrees

> 10 degrees
Compass Deviation: Without Mitigation
Seabed Repair

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Western “Hairpin” Repair Joint 2011

Eastern “Inline” Repair Joint 2011

Location of forth fault “pin-pointed “ on sea bed in 25m water depth
Conventional Repair
Seabed Repair: In Situ Joint Wrap
Seabed Repair: Habitat Concept
Video
Enduring Solution

Replacement Return Conductors

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Original Solution: “Station to Station”

**Key:**
- Existing IRC cable
- New MRC cable

**Section AA: Onshore Section**
- 1m
- ~5-10m

**Section BB: Nearshore Section**
- Co-trenching
- New MRC cables laid in the existing trench touching the existing IRC cables to minimise EMF effects in shallow water out to 22m depth
- 50m to 100m
- ~52km
- ~1km

**Section CC: Offshore Section**
- ~50-100m
- Conventional Marine installation
- New MRC cables laid in a virgin trench in a corridor offset to the south of the existing IRC cables by 50-100m

- Existing IRC ~ 5-10m apart
- Existing IRC ~ 52km
- Existing IRC ~ 5G10m apart
Key:  
Existing IRC cable : New MRC cable  

Section AA: Onshore Section – Existing IRC

Section BB: Nearshore Section

Co-trenching or Alongside
New MRC cables laid in the existing trench
Or
New MRC cables laid alongside the Existing rockberm

Section CC: Offshore Section

Conventional Marine installation
New MRC cables laid in a virgin trench in a corridor offset to the south of the existing IRC cables by 5-100m
Transition Joint at Landfall
## Replace LV Conductors Target Programme

<table>
<thead>
<tr>
<th>Concept</th>
<th>2012</th>
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<th>2014</th>
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**Timeline:**
- **Contract award Aug14**
- **Marine Licence Dec15**
- **Complete Oct17**
Cable Manufacture

MRC conductor (left) and first part of extruded MRC (right)
Cable Lay Vessel: Nexans Skagerrak
Protection by Burial on Seabed
Burial by Capjet
Landfall Preparation

- Work Area / Tracy
- Joint pit
- Possible locations for SOE storage
- Cabin/ restroom/ storage/ tools/ power generator/ waste bin
- Cabin trench
- Desalination
- Construction road
- Access road
- Transition joint area (30 x 15 m)

DIMENSIONS ARE IN METERS.
Cable “Float-In”
South West Scotland Context
Coylton – Marks Hill: 6 month outage 2016

Harker – Auchencrosh: Long term Reinforcement?
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<td>Testing &amp; Commissioning</td>
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<td>(AUC-COY Outage)</td>
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<tr>
<td>Testing &amp; Commissioning</td>
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<td>Either Mar16 or Oct16</td>
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</table>
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Summary / Q&A
<table>
<thead>
<tr>
<th>Solution</th>
<th>Latest</th>
<th>Next Steps</th>
<th>Delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Fallback</td>
<td>• Successfully tested Nov 13</td>
<td>• None</td>
<td>• In emergency</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Guard Vessels</td>
</tr>
<tr>
<td>Bipole</td>
<td>• Concept proven</td>
<td>• Detailed studies on hold</td>
<td>-</td>
</tr>
<tr>
<td>Seabed Repair</td>
<td>• Successful technique proven but unsuccessful attempt on 4&lt;sup&gt;th&lt;/sup&gt; fault Q4 2014</td>
<td>• None</td>
<td>• Discounted for our cable</td>
</tr>
<tr>
<td>New MRC Cables</td>
<td>• Manufacture ongoing • Installation starts Q3 2015</td>
<td>• Marine Licence • Type test cable</td>
<td>• Mid 2016</td>
</tr>
<tr>
<td>NG Works</td>
<td>• NG require long outages single circuit AUC-COY 2016</td>
<td>• Coordinate programmes • SW reinforcement</td>
<td>• 31&lt;sup&gt;st&lt;/sup&gt; Mar 2016 – 30&lt;sup&gt;th&lt;/sup&gt; Sep 2016 • 2022?</td>
</tr>
</tbody>
</table>
EWIC – Asset Management

Contents

• Asset Performance 2014
• Asset Performance 2015
• Future Works
EWIC Performance 2014

Statistics

- 97% Availability
- 4 planned outages
- 4 unplanned outages
EWIC Performance 2015 to date

EWIC Availability 2015

Statistics

- 98% Availability (Jan – Apr)
- 2 planned outages
Future Works – Marine Survey

Q3 - Marine Survey 186km

- Geophysical Survey Seabed
- Cable Depth of Burial
- Summer 2015
- Including Landfall
Future Works

Annual Outage

- 08th-10th September 2015
Future Works

New Connection point in GB

- National Grid 400kV GIS
- Re-Rute HV Cable
- Re-commission Control System
- H1 2017
REMIT – Transportation Contracts

• 3.1(b) Wholesale energy products in relation to the transportation of electricity or natural gas in the Union:
  – (i) Contracts relating to the transportation of electricity or natural gas in the Union between two or more locations or bidding zones concluded as a result of a primary explicit capacity allocation by or on behalf of the TSO, specifying physical or financial capacity rights or obligations,
  – (ii) Contracts relating to the transportation of electricity or natural gas in the Union between two or more locations or bidding zones concluded between market participants on secondary markets, specifying physical or financial capacity rights or obligations, including resale and transfer of such contracts,
  – (iii) Options, futures, swaps and any other derivatives of contracts relating to the transportation of electricity or natural gas in the Union.
EirGrid Reporting

• 3.1(b)(i) EirGrid will report on all primary explicit capacity allocation contracts resulting from explicit auctions in the Auction Management Platform

• 3.1(b)(ii) EirGrid will report on all resale contracts resulting from explicit auctions in the Auction Management Platform

• 3.1(b)(ii) EirGrid will not report on transfer of contracts between market participants

• EirGrid will not accept any liability to market participants in respect of reporting under articles 3.1(b)(i) and 3.1(b)(ii) of the Regulations.