



# SEC Panel Meeting 67

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12 April 2019

# SEC Panel Meeting 67 Agenda

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10. SECAS Contract update (brought forward)
1. Minutes and Actions Outstanding
2. Random Sample Privacy Assessment Scheduling
3. Other SEC Party Requirements
4. CPA Methodology for Modifications to Security Characteristics
5. SMETS1 Services IOC SIT Completion Decision
6. Release 2.0 Lessons Learned
7. BCDR Report
8. Notifying Parties of Socialisation Costs
9. End of Regulatory Year Report 2018 – 19
11. Change Status Report – April 2019

# SEC Panel Meeting 67 Agenda

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12. SEC Modification Timetables update
13. Change Process Improvements update
14. Interim approach to reporting SEC release costs
15. BEIS update
16. DCC update
17. SEC Panel Sub-Committee Report
18. DCC Reporting
19. Operations Report
20. SEC Panel Risk and Issues Register
21. Smarter Markets Project Update
22. Transitional Governance Update
23. AOB

# Agenda Item 10

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## SECAS Contract

Sarah Gratte (SECAS)





# Agenda Item 1

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## Minutes and Actions Outstanding

Hollie McGovern (SECAS)



# Actions completed



Action Reference	Action	Update	Status
<b>SECP65/13</b>	OPSG to notify Parties that they must provide forecasting reports to the DCC as per SEC Section H3.24.	SECAS contacted Parties to notify them that they must provide forecasting reports to the DCC as per SEC Section H3.24 on 25/03/2019.	CLOSED
<b>SECP66/02</b>	SECAS to publish the Panel Information Policy v3.1 on the SEC Website	SECAS published version 3.1 of the Panel Information Policy to the <a href="#">SEC Website</a> on 18/03/2019.	CLOSED
<b>SECP66/03</b>	SECAS to include a CACoP update in the monthly Panel Operations Report.	SECAS has updated the March Operations Report (SECP_67_1204_19) to include a CACoP update.	CLOSED

# Actions – propose to close



Action Reference	Action	Update	Status
<b>SECP64/02</b>	SECAS to ensure the DCC provides a documented post-release Lessons Learnt, for comment.	The DCC has provided a paper (SECP_67_1204_06) that sets out post-release lessons learned. This will be discussed under agenda item 06.	Propose to Close

- The Panel is requested to confirm satisfaction that the above Actions marked as CLOSED and Propose to Close can be closed.



# Actions outstanding



Action Reference	Action	Update	Status
<b>SECP62/06</b>	The DCC to review Modification Proposals that have previously been rejected due to costs, as part of its cost benchmarking study.	The DCC have received the independent review report for the cost benchmarking study and are in the process of drafting a management response, which will be presented to the Panel in May 2019.	Open
<b>SECP65/07</b>	SECAS to seek further input on whether either option (in a SoLR event where the SoLR Supplier wishes to maintain the systems of the Defaulting Supplier) would present any material change to User systems. SECAS to consult with SSC, SMKI PMA and TABASC.	The SMKI PMA have confirmed that any User that inherits another User System through SoLR or trade sale must: <ul style="list-style-type: none"><li>• update the risk assessment (SEC G5.15) of their systems and processes and consider the need for any new or changed security controls; and</li><li>• notify the SSC that they have acquired a second User System (SEC G3.9).</li></ul>	Open
<b>SECP65/08</b>	SECAS to include Interested Parties on the distribution list for the SEC Newsletter.	As part of the SEC website development, SECAS will include a section to direct non-SEC parties to sign up to the SEC Newsletter.	Open



# Actions outstanding



Action Reference	Action	Update	Status
<b>SECP66/01</b>	SECAS to undertake a review of the Other User role, with a specific focus on the requirements and objectives of Other SEC Parties in regard to DCC services.	SECAS has drafted a series of questions that will be issued to Other SEC Parties, following approval by the Panel. The questions are set out in SECP_67_1204_03.	Open
<b>SECP66/04</b>	SECAS to seek input and best practice from CACoP Members on Credit Cover.	SECAS has reached out to all CACOP members to discuss their arrangements. Elexon has responded and a meeting is arranged for 26 April to discuss. UNC and CUSC have raised Mods in this area. To be reviewed by SECAS.	Open



# Agenda Item 2

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## Random Sample Privacy Assessment Scheduling

Nick Blake (SECAS)



# Agenda Item 3

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## Other SEC Party Requirements

Nick Blake (SECAS)





# Agenda Item 4

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## CPA Methodology for Modifications to Security Characteristics

Nick Blake (SECAS)



# Agenda Item 5

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SMETS1 Services Initial Operating  
Capability SIT Completion Decision

Phil Twiddy (SECAS)



# Agenda Item 6

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## Release 2.0 Lessons Learned

Jim Henton (DCC)



# Agenda Item 7

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## Business Continuity and Disaster Recovery Report

Alex Henighan (DCC)



# Agenda Item 8

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## Notifying Parties of Socialisation Costs

Fiona Chestnutt (SECAS)

# Agenda Item 9

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## End of Regulatory Year Report

Hollie McGovern (SECAS)





# Agenda Item 11

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## Change Status Report – March 2019

David Kemp (SECAS)





# Agenda Item 12

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## SEC Modification Timetables

David Kemp (SECAS)





# Agenda Item 13

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## Change Process improvements update

David Kemp (SECAS)



# Agenda Item 14

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Interim approach to reporting SEC  
release costs

Robin Healey (DCC)





# Agenda Item 15

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## BEIS Update

Rob Thornes (BEIS)



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# BEIS Publications

## April 2019 Outlook

Smart Metering Implementation Programme



Department for  
Business, Energy  
& Industrial Strategy

# Recent publications

Item	Date	Description
SMETS1 regulatory consultation.	26 March 2019	Consultation on amendments to the SEC related to provision of a DCC SMETS1 Service.
Quarterly statistics report.	28 March 2019	Smart Meters installations: October to December 2018.
Response to consultation on a new ECoS DCC licence condition.	1 April 2019	Response to consultation on the introduction of a new DCC licence condition relating to Enduring Change of Supplier arrangements.
New and Replacement Obligation (NRO) Activation Date Government Response.	2 April 2019	BEIS confirmed that, following consultation, the NRO will be activated on 30 June 2019.
Smart Metering Update for Independent Energy Suppliers.	5 April 2019	Issue 20 of BEIS update covering: NRO, SMETS2, official statistics and E&A.



# Upcoming publications

Item	Date (approx.)	Description
Licence change consultation to implement Special Administration Regime.	April 2019	Consultation on modifications to gas and electricity licences in order to set up a mechanism for recovering the costs in the unlikely event of a SMCL administration, including any Government support provided to the SMCL whilst it is in administration.
Consultation on preferred ECoS solution option.	End April 2019	BEIS Consultation on preferred Enduring CoS solution option following receipt of DCC options report.
Response to consultation on the designation of GBCS v3.2 & re-designation of TS Applicability Tables, and further consultation on designation timing.	April 2019	Response to four week consultation under TBDG RFC-077 for uplift of GBCS to V3.2 for inclusion in a future enduring release and consultation on timing.



# Upcoming publications

Item	Date (approx.)	Description
E&A Baseline Margin Project Performance Adjustment Scheme (DCC Incentives).	May 2019	Response to consultation on proposals to incentivise DCC for delivery of SMETS1 Services and further second stage consultation on detailed regime.
SMETS1 SSD designation consultation.	May 2019	Consultation on designation of SEC subsidiary documents related to provision of a DCC SMETS1 IOC service.
Response to SMETS1 regulatory consultation.	May 2019	Response to Consultation on amendments to the SEC related to provision of a DCC SMETS1 MOC Service.
Response to Secure go/no go consultation	May 2019	Response to the Consultation on go / no go for Secure meters.
Quarterly statistics report.	30 May 2019	Smart Meters installations: January to March 2019



# Agenda Item 16

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## DCC Update

Ro Crawford (DCC)

# DCC UPDATE 12 APRIL

- Operational Updates
- Release 2 Transition
- Dual Band Comms Hubs
- SMETS1

# Major Incident Reporting

**INC000000435359: Multiple Service Users unable to perform Meter Installs.**

**Incident opened: 13 February 2019 at 10:27 Incident closed: 13 February 2019 at 12:13.**

**Issue Summary:**

CSP South & Central's load balancer started rejecting Service Requests to the DSP. This resulted in a 'Http 500 Error' an internal server error, indicating that DCC Data Systems were malfunctioning.

**Actions taken:**

CSP South & Central stopped a long running query on the database server which was experiencing performance issues. Post-incident review and actions have been taken to prevent a reoccurrence of an incident being incorrectly downgraded.

**Root Cause:**

Initial feedback from CSP South & Central confirmed a load balancer experienced difficulty processing Service Requests. Investigations are ongoing to determine the root cause.

**INC000000440855 : CSP core infrastructure related to Install & Commission on demand Service Request Variants and Meter Firmware downloads (North Region only)**

**Incident opened: 02 April 2019 at 10:40 Incident closed: 02 April 2019 at 11:51**

**Issue Summary:**

CSP North raised an incident regarding an issue they had found with their Flexip service (the server processes device Install and Commission, device firmware download requests and on demand Service Reference Variants (SRVs) across the North Region.

**Action taken:**

A restart of the server was needed to restore the Flexip service responsible for handling installations, on demand SRVs and meter firmware downloads.

CSP North restarted the Flexip service and at 10:48 service was restored. At 11:15 DCC Technical Operations confirmed service had been restored between 10:45 and 11:00.

**Root cause:**

Root cause for this issue is still under investigation.



# Major Incident Reporting

**INC000000439021: CSP (South & Central) core infrastructure related to Install & Commission (Comms Hub birth events) and AD1 Power Outage Alerts.**

**Incident opened:** 26 March 2019 at 12:18 Severity 3.

26 March 2019 at 13:04 raised to Severity 2.

26 March 2019 at 13:46 raised to a Severity 1.

**Incident closed:** 26 March 2019 at 14:25 for Birth events

26 March 2019 at 14:38 for AD1 Power Outage Alerts.

## **Issue Summary:**

CSP Central & South found an issue with their Orchestration service (handles delivery of birth events during the Install and Commission process) which affected dual fuel & gas only installations. DCC Technical Operating Centre (TOC) analysis showed a reduction of approximately 2.5k meter installations.

A secondary issue affecting AD1 Power Alerts due to further failed workflows was identified.

## **Actions taken:**

A restart of the servers responsible for handling workflows, birth events and AD1 Power Outage Alerts.

CSP confirmed service restoration at 14:25 for birth events and 14:38 for AD1 Power Outage Alerts. Customer confirmation of successful restoration provided at 15:45.

CSP have amended processes to reduce the likeliness of reoccurrence.

## **Root Cause:**

Not yet known - still under investigation.

# DCC Consultations

## Forthcoming consultations

### SMETS1

- SMETS1 Systems Capacity Testing Approach Document (SCTAD), April 2019
- Consultation on Migration Testing Approach Document (MTAD) for SMETS1 Services, April 2019
- Technical and Business Design Group (TBDG) Consultation on the SMETS1 Supporting Requirement, April 2019
- Consultation on Device Model Combination Tests - addition to SMETS1 SVTAD, Quarter 2 2019
  - Consultation on DCC's Pending Product Combinations Tests (PPCT) proposals for fast tracking PPCT on grounds of security and Health & Safety. Date TBC
  - Consultation on further changes to MTAD for MOC and FOC. Date TBC

### Other

- Wider change to the Intimate Communications Hub Interface Specification, April 2019

# DCC Upcoming Events

Event/Forum	Date	Details
DCC Innovation Events	9 -12 April 2019	<p>These sessions are a great opportunity for industry organisations and innovators to test new and prototype devices solutions with smart meter system devices. For the forthcoming event, we're aiming to help in three areas:</p> <ul style="list-style-type: none"><li>• Demonstrating connectivity of mobile applications to Consumer Access Devices and cloud solutions (a number of the main CAD manufacturers will be attending).</li><li>• Testing load control solutions including the function of the HAN Connected Auxiliary Load Control Switch</li><li>• Set-up and operation of the smart meter export functionality</li></ul>

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## RELEASE 2 TRANSITION

# RELEASE 2 COMMS HUBS TRANSITION

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**Objective** “Closure of Release 1 firmware releases and Customer transition to Release 2 Single and Dual Band Comms Hubs. CSP OTA transition plans for existing Release 1 comms hub installations and Release 2 introduction into the supply chain”

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**DCC have wrapped Release 2 Comms Hub transition into a programme activity following discussions at SMDG concerning plans for Release 1 expiry from 27 October 2019**

## **Summary of work breakdown**

1. Complete final Release 1 comms hub firmware releases
2. Merge last Release 1 releases into Release 2 releases, test, and deliver to UIT
3. Customer testing of Release 2 comms hub firmware and Operational Acceptance
4. Release 2 Manufacturing decision to supply of Single Band Comms Hubs
5. Production Proving of Release 2 OTA with Customers
6. Utilisation of remaining Release 1 comms hub stock - FIFO
7. CSP OTA upgrade plan for commissioned Release 1 comms hubs

← **Current Focus**

**SMETS Technical Baselines can be described as:**

- Release 1 = Technical specification set SMETS2V2 + CHTS v1.0 + GBCS1.1 + DUIS1.0
- Release 2 = Technical specification set SMETS2V3 + CHTS v1.1 + GBCS2.0 + DUIS2.0

# RELEASE 2 COMMS HUBS TRANSITION PLAN

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An outline plan to achieve 27 October 2019 was presented at the March IMF. Feedback from customers is being addressed by DCC

Plan dependencies:

1. Final Release 2 Single Band Comms Hubs Firmware for customer testing
2. Customer availability to test business processes with Release 2
3. Mass Over The Air (OTA) upgrade plan
4. Release 2 Single Band Comms Hubs Shipping lead-times

DCC is engaging with Customer test teams to firm up the transition plan through a series of sessions. DCC aiming to present a revised plan at the April IMF

Customers are invited to continue plans to test their business processes with Release 2

- Single band firmware is already available in UIT since October 2018
- The final Release 2 single band release contains all maintenance changes from the last Release 1 comms hub firmware
- Join Release 2 transition planning sessions organised from [testing.notices@smartdcc.co.uk](mailto:testing.notices@smartdcc.co.uk)

# RISK MITIGATION PROPOSAL

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**The timelines of the proposed Transition plan to achieve the date is tight**

- As there is no technical reason why Release 1 Comms Hubs will not continue to operate or be installable in production systems past October 27; and,
- As projections from DCC and Customers identify a volume of remaining Release 1 stock in customer warehouses at October 27; and,
- As projections highlight a risk that DCC won't have Release 2 stock available in volumes required by customers by 27 October.

DCC propose that Release 1 installations are allowable past October 27. However, these comms hubs will be upgraded by CSPs to Release 2 within 1 month.

The 27 October 2019 date is not moved, however BEIS continue to monitor it and look at what flexibility can be implemented on the 27 October 2019 milestone



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# DUAL BAND COMMS HUBS

# DBCH DIT WITH METER MANUFACTURER 1

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**STATUS:** Meter Manufacturer 1 has changed its product strategy. MM1 test activity is timeboxed to complete by end of April. This allows confidence testing to progress for with MM2 with a later regression run scheduled with MM1.

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Final leg of MM1 DIT continuing with defect retesting and End of Cycle (EoC) regression. Completion date is timeboxed as 29 April. Critical outstanding defects identified during this period shall be fixed and retested during the MM1/MM2 end of Phase regression cycle

Final Meter Firmware update from MM1 has been delayed. The firmware update is required to fix outstanding meter defects. Further to this, MM1 has made changes to its FW from single to double band in this latest release. If this meter FW release continues to be delayed, DIT with MM1 will complete and the FW will be taken into the MM1/MM2 phase regression cycles

Status as at 8/4/2019:

- TOSH – Release 12.25 withdrawn; New release 12.26 planned for May
- WNC – Release 1.9 has re-entered DIT for re-testing and EoC regression
- EDM I – EoC regression delayed pending fixes and SIT completion  
EDMI fix release will be confirmed with SIT exit

# DUAL BAND COMMS HUB - MM2 NEXT STEPS

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- DCC now has in its Labs, a small number of SILABS based 868 GSME and SMETS2V3 2.4 GSME from MM2 Options 1 and 2
  - DCC will start to execute confidence tests on these 868/2.4 GSMEs mid April
  - There are no SMETS2V3 2.4 ESMEs available for confidence test; DCC will continue the search for 2.4 ESMEs.
  - MM2 option 1 expected to deliver 30 868 GSMEs on the 10 April 2019
- A control point will be held on 3 May 2019 to assess:
  - Confidence test results for 868/2.4 GSMEs for MM2
  - 868/2.4 GSMEs device availability for formal DIT with MM2 start
  - Meter manufacturer support capability for formal DIT
  - SMETS2V3 2.4 ESME device availability for formal DIT
- Formal DIT could commence 13 May 2019 should all meters required be available by 15 April 2019
- Should the control point pass and MM2 DIT begin in May:
  - DIT with MM2 is estimated to complete by end September 2019
  - The Interim supply of Dual Band devices will be fulfilled with the remaining 1st pallets provided
  - The full Volume Supply milestone would indicatively move to March 2020

# INDUSTRY OPTIONS IF MM2 METERS ARE NOT AVAILABLE FOR FULL DIT SCOPE

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The outcome of the Meter Manufacturer 2 control point 3 May 2019 will provide options to progress with Release 2 transition and Dual Band Comms Hubs.

Risks we are working with include:

- Confidence testing with MM2 may fail
- All meter types may not be available for full DIT scope
- Lower customer confidence in R2.0 Comms Hubs due to incomplete DIT scope
- Testing early runs longer from meter instability
- Manufacturers may change product roadmaps
- Ongoing costs with no clear end

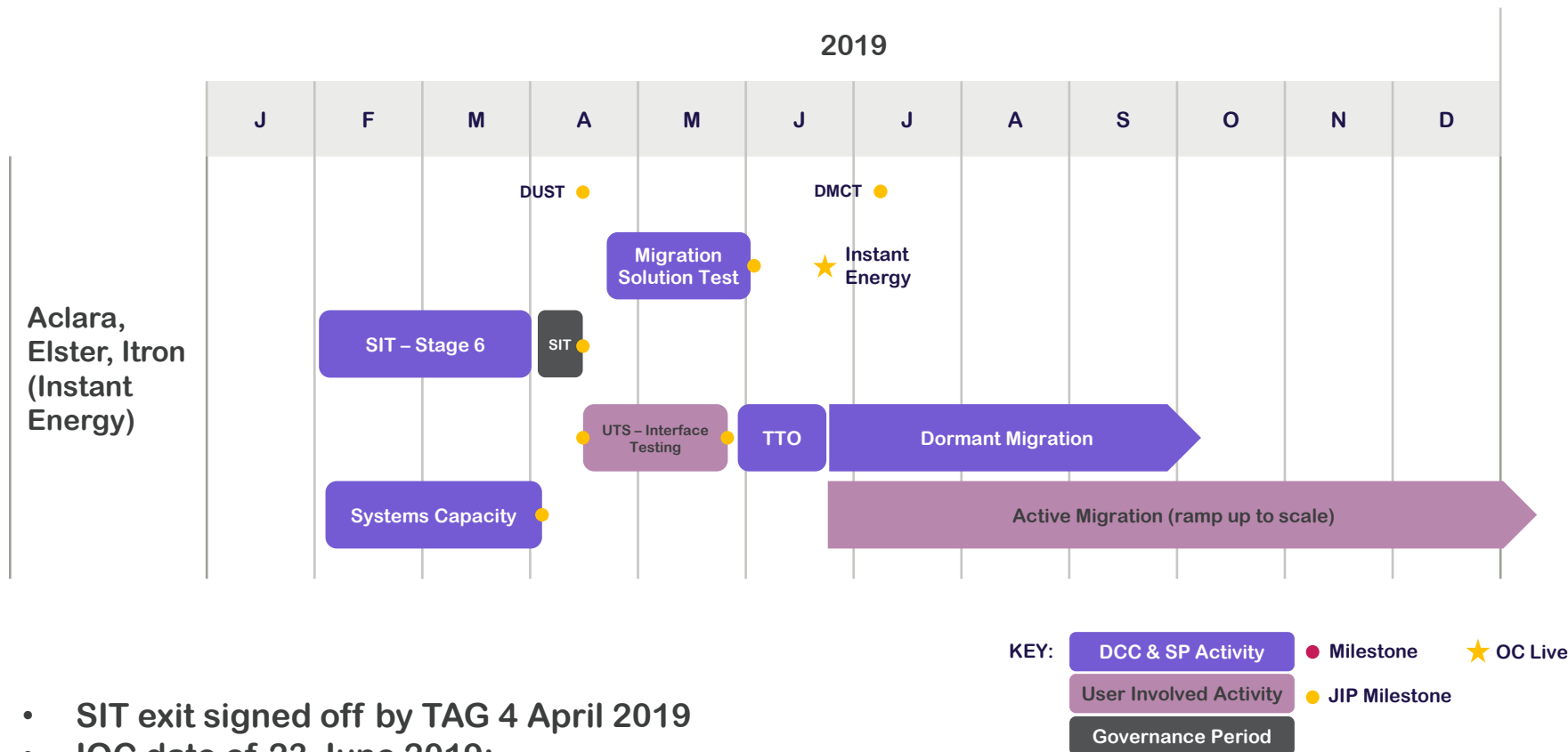
Options to each have their pros and cons and will require a detailed discussion:

1. **Continue** and test for longer with repeated cycles as devices become available
2. **Pause** and wait for all required meters
3. **Declare DIT complete** and manufacture production comms hubs intended for installations with Meter Manufacturer 1 NXP chipsets. Future meters to provide assurance to customers through testing with SMDA or DCC Labs
4. **Complete with Emulators** in place of missing meters
5. **Close DIT** and revise meter test plans in UIT with customers testing their preferred manufacturers

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# SMETS1 STATUS

# SMETS1 LC13 RE-PLAN - IOC



- SIT exit signed off by TAG 4 April 2019
- IOC date of 23 June 2019:
  - Non contingent with risk
  - JIP milestone Change Request to be presented at next IMF
  - Migration Testing

# SMETS1 KEY POINTS

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## MOC

- IOC impact on MOC under assessment
- Current SIT entry is 1 May 2019
- Secure UK Operation being scaled and in place for 30 May 2019
- Detailed design reviews with MDS complete
- Initial implementation plan received from MDS
- Initial proposal for device model combinations for SIT developed

## FOC

- IOC impact on FOC under assessment
- L&G confirmed initial FW release due April 2019 with subsequent releases through June and final release required release 25 July 2019
- December timelines to be reviewed once impact of IOC and FW plan more mature

# ANY QUESTIONS?



**APPENDIX:**

**DCC UPDATE TO SMDG 10 APRIL 2019**

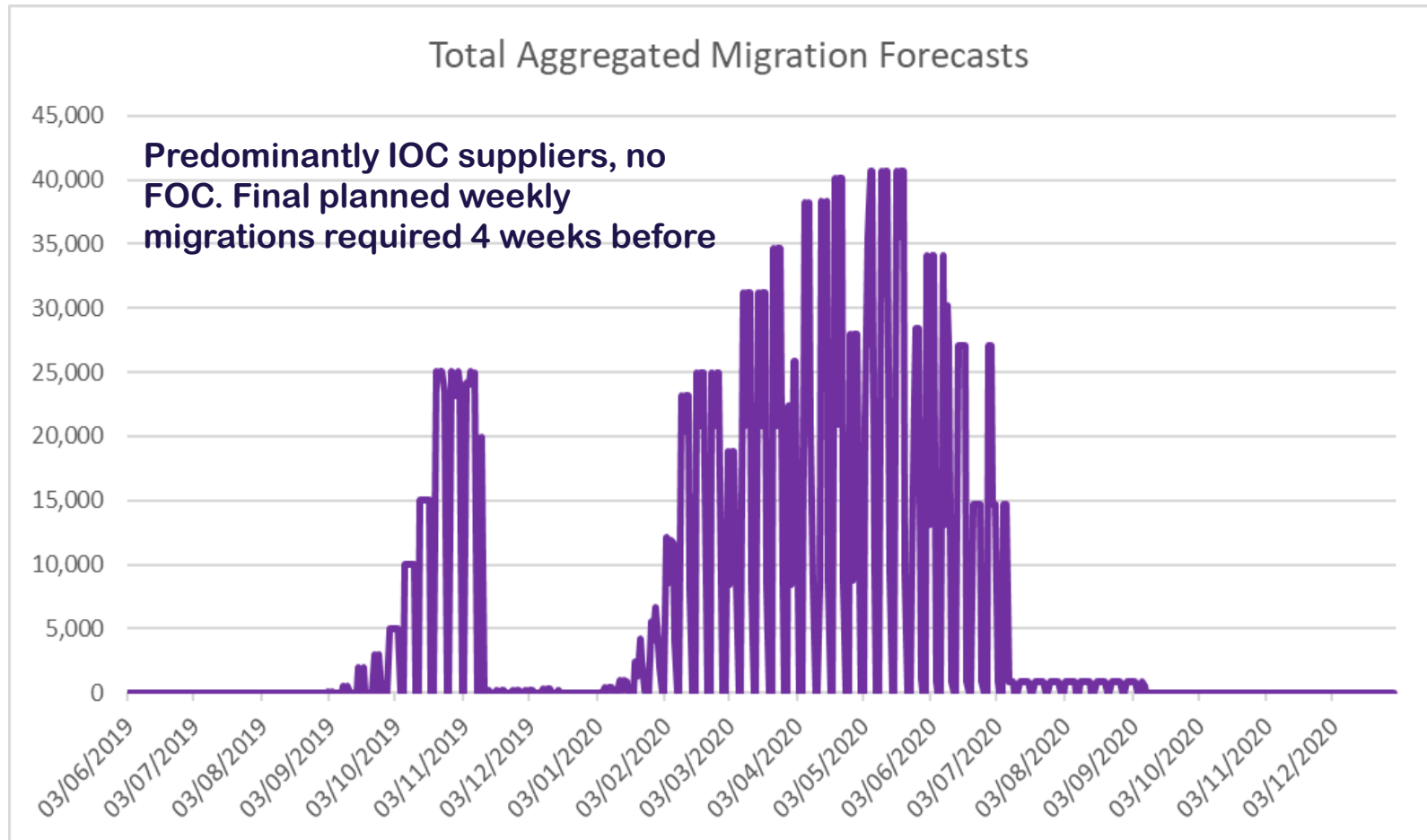
# DORMANT TO SMART

Readiness	IOC (2.8m)		MOC (4.2m)		FOC (5.5m)	
Volumes of Dormant meters (Data received to date)	203.9k		412.6k		392.3K	
Volumes by supplier: SMDG Suppliers noted, each may have a portion of meters in any of the operating capability.	A	18.7k	A	28.9k	A	19.6k
	B	10k	B	73k	B	40k
	C	1k	C	37.7k	C	1.8k
	D	33.7k	D	61.9k	D	41.7k
	E	14.2k	E	24.6k	E	2k
	F	10.8k	F	57k	F	134k
	G	14.8k	G	0	G	25.9k
	H	Partial response Meter manufacturing type required	H	Partial response Meter manufacturing type required	H	Partial response Meter manufacturing type required
	I	Partial response Meter manufacturing type required	I	Partial response Meter manufacturing type required	I	Partial response Meter manufacturing type required
Eligibility Testing readiness by supplier: (Open 150419)	A	Notified				
	B	Notified				
	C	Notified				
	D	Notified				
	E	Notified				
	F	Notified				
	G	Notified				
	H	Notified				
	I	Notified				

- Volume of dormant meters covers SMDG customers only.
- Letters in each release denotes SMDG energy suppliers under each release for commercial sensitivity

# INDICATIVE MIGRATION FORECAST

Please see below the graphical representation of the total aggregated Indicative Migration Forecast submissions from the Responsible Suppliers during the month of March 2019 (Active meters only)



# DCC CUSTOMER ENGAGEMENT EVENT

108  
Attendees

4  
Migration  
Customer  
Journeys

129  
Testing  
Steps

12  
SME  
Presenters

## DCC SMETS1 Enrolment & Adoption: Customer Engagement Day – 27<sup>th</sup> March, London

*The SMETS1 E&A Programme held it's first industry-wide engagement event, one of the largest in the DCC's history to date.*

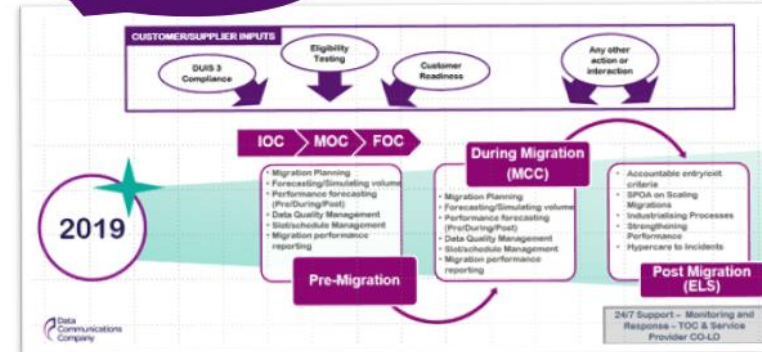
Last week, customers attended a day-long event to hear updates across a number of topics, from the DCC's response to the engagement consultation to BEIS Senior Responsible Owner for Smart Metering, Daron Walker, explain the strategic importance of SMETS1 enrolment to the UK's future.



The day included presentations from Utiligroup and the UK's newest industry entrant, Shell Energy, recently re-branded from First Utility. DCC SMEs ran interactive walkthroughs of the SMETS1 testing and migration processes, allowing customers to delve a little deeper into the detail of the enrolment processes.



2019: the year of  
SMETS1 E&A



Feedback from attendees was that the event was really valuable and positive. Now the work continues as we progress to IOC at the end of June. We will continue to maintain strong engagement with customers moving forward, through a combination of larger multi-party meetings and smaller bi-laterals. Look out for future updates on all the exciting activity happening in E&A!

Thanks,

SMETS1 E&A Programme Team



For further information, please contact the programme mailbox:  
[Enrolment.adoption@smartdcc.co.uk](mailto:Enrolment.adoption@smartdcc.co.uk)

# Agenda Item 17

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## SEC Panel Sub-Committee Report

Hollie McGovern (SECAS)





# Agenda Item 18

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## DCC Reporting

Hollie McGovern (SECAS)



# Agenda Item 19

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## Operations Report – March 2019

Abigail Hermon (SECAS)



# Agenda Item 20

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## SEC Panel Risk and Issues Register

Abigail Hermon (SECAS)

# Agenda Item 21

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## Smarter Markets Project Update

Hollie McGovern (SECAS)



# Agenda Item 22

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## Transitional Governance Update

Hollie McGovern (SECAS)





# Agenda Item 23

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AOB



# Next Meeting Date

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Friday 10 May 2019