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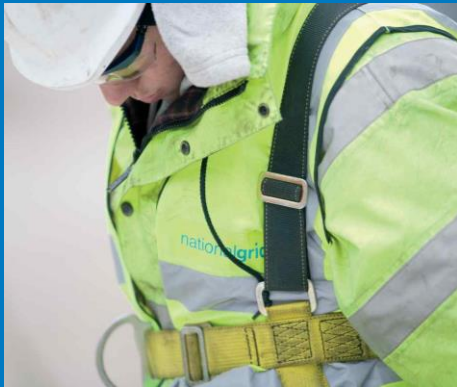
Transmission Workgroup:
EU Update

2nd April 2015
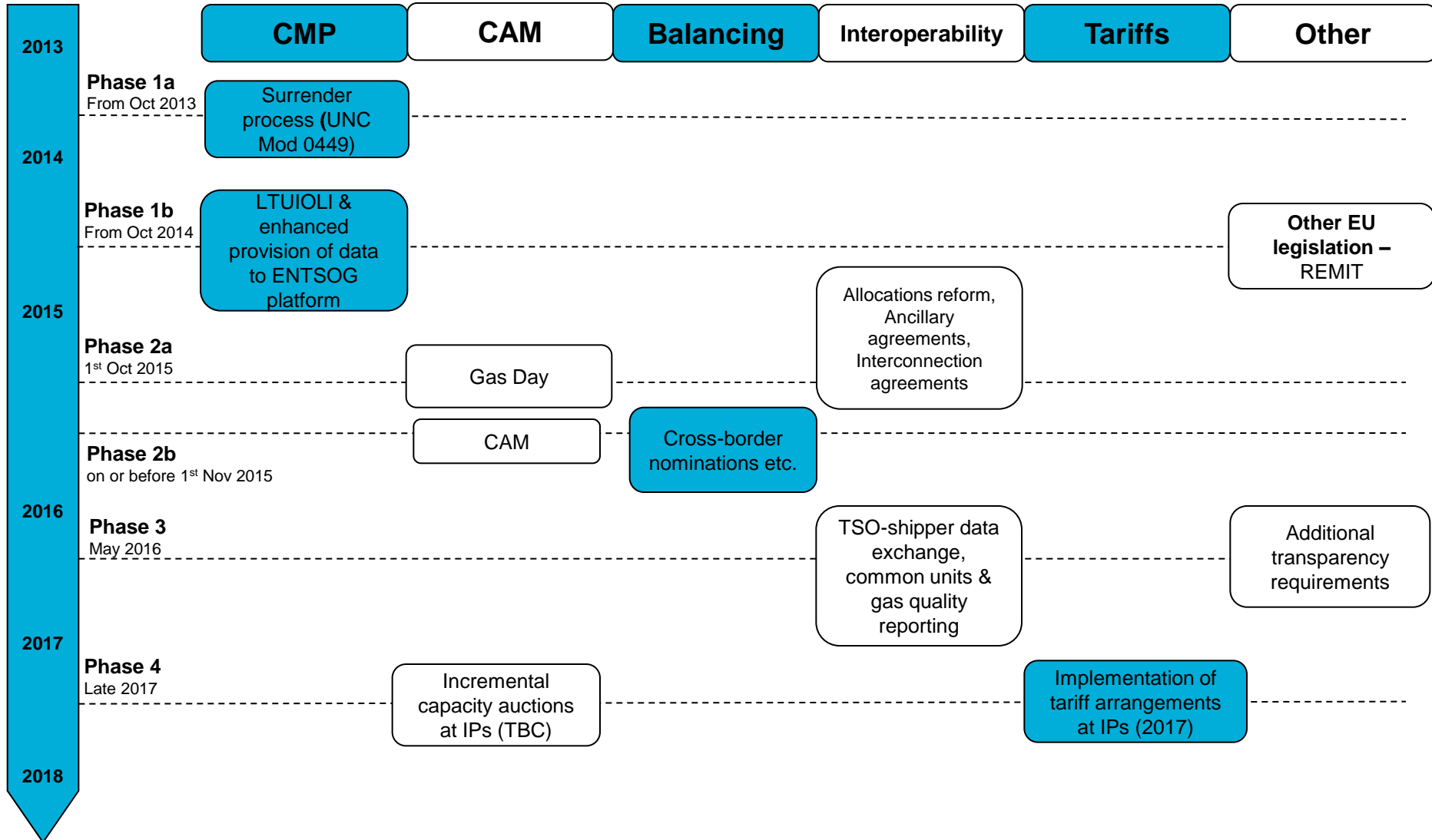
1. General Update

Code Status Update

Code	Current Status	Implementation date
Congestion Management (CMP)	Implemented	1st October 2013
Capacity Allocation Mechanism (CAM)	CAM approved for EU wide implementation at relevant EU IPs	1st November 2015
Gas Balancing (BAL)	BAL approved for EU wide implementation 26th March 2014 (Commission Regulation (EU) No 312/2014 establishing a Network Code on Gas Balancing of Transmission Networks)	1st Oct 2015
Interoperability & Data Exchange (INT)	Code approved at second comitology meeting 3-4 November 2014. Expected to enter EU law by 1st May 2015, compliance required by 1st May 2016.	Some deliverables planned for 1st October 2015, others by 1st May 2016
Tariffs	Under development. Code to be submitted 31st December 2014	Estimated earliest mid January 2017. Applicable from October 2017
Incremental Capacity	Under development. Incremental Capacity to be introduced via combination of new articles in CAM Network Code and via Tariffs Network Code. Code amendment to be submitted 31st December 2014	Applicable from March 2017

Gas Codes Timeline

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Status of Development of European Gas Network Codes

Future dates are subject to change

Dates shown in *italics* are best approximations based on current understanding.

It has been necessary to 'round' some dates for the benefits of the diagram

KEY

🟩	Activities undertaken by ACER
🟨	Activities undertaken by ENTSOG
🟧	Activities undertaken by European Commission

TODAY

Network Code / Guideline	2015												2016												2017											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Congestion Management Principles (CMP)																																				
Capacity Allocation Mechanisms (CAM)											Go Live																									
Balancing										Go Live																										
Interoperability & Data Exchange										Go Live							Compliance																			
Tariffs				*ACER Review*		*Comitology (duration unknown)*																														
Incremental				*ACER Review*		*Comitology (duration unknown)*																														

Road Map

national**grid**

	CMP	CAM	Balancing	Interoperability	Tariffs	Other

2013

Phase 1a
From Oct 2013
- Surrender process (UNC Mod 0449)

2014

Phase 1b
From Oct 2014
- LTUIOLI & enhanced provision of data to ENTSOG platform
- Other EU legislation – REMIT

2015

Phase 2a
1st Oct 2015
- Gas Day
- Allocations reform, Ancillary agreements, Interconnection agreements

Phase 2b
on or before 1st Nov 2015
- CAM
- Cross-border nominations etc.

2016

Phase 3
May 2016
- TSO-shipper data exchange, common units & gas quality reporting
- Additional transparency requirements

2017

Phase 4
Late 2017
- Incremental capacity auctions at IPs (TBC)
- Implementation of tariff arrangements at IPs (2017)

2018

2. EU Code Updates

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EU Tariffs Code & Incremental Amendment Update

Slides on this section shall be provided following publication of ACER's Reasoned Opinion on these topics (due 26th March)

3. UNC Modification Plans

Phase 2 UNC Modifications

EU Network Code	Area of change	Status	Next Steps	UNC Consultation
Gas Balancing (BAL)	Information Provision (489)	Ofgem approved	Implementation	Complete
"	Nomination Process at IPs (493)	With Ofgem	Ofgem decision	Complete
"	SMP Buy & Sell (494)	Ofgem approved	Implementation	Complete
Capacity Allocation Mechanism (CAM)	Gas Day change (461)	Ofgem approved	Implementation	Complete
"	CAM / CMP Compliant Capacity Auctions (500)	With Ofgem	Ofgem decision	Complete
"	Bacton split (501 / 501A / 501B / 501C)	With Ofgem	Ofgem decision	Complete
Interoperability & Data Exchange (INT)	Reform of Allocations (0510)	Sent for consultation	Consultation responses	Open now, closes 24th April
"	Harmonisation of Reference Conditions (0519)	Sent for consultation	Consultation responses	Open now, closes 24th April
"	Enabling EU Compliant Interconnection Agreements (0525)	In development	Complete development (~3 months)	June-July 2015

4. System Developments Update

EU Gas Codes Implementation Workshop

■ A workshop was held on 23rd January, with the aim of providing an overview of the changes that we'll be implementing this year, and to give attendees the opportunity to speak directly to colleagues from National Grid and some of our partners from Xoserve, PRISMA, IUK and BBL

■ The full presentation pack has been published on the National Grid website (w/c 2nd February) http://www2.nationalgrid.com/UK/Industry-information/Europe/Industry- Material/

Overview of a Day in the Life
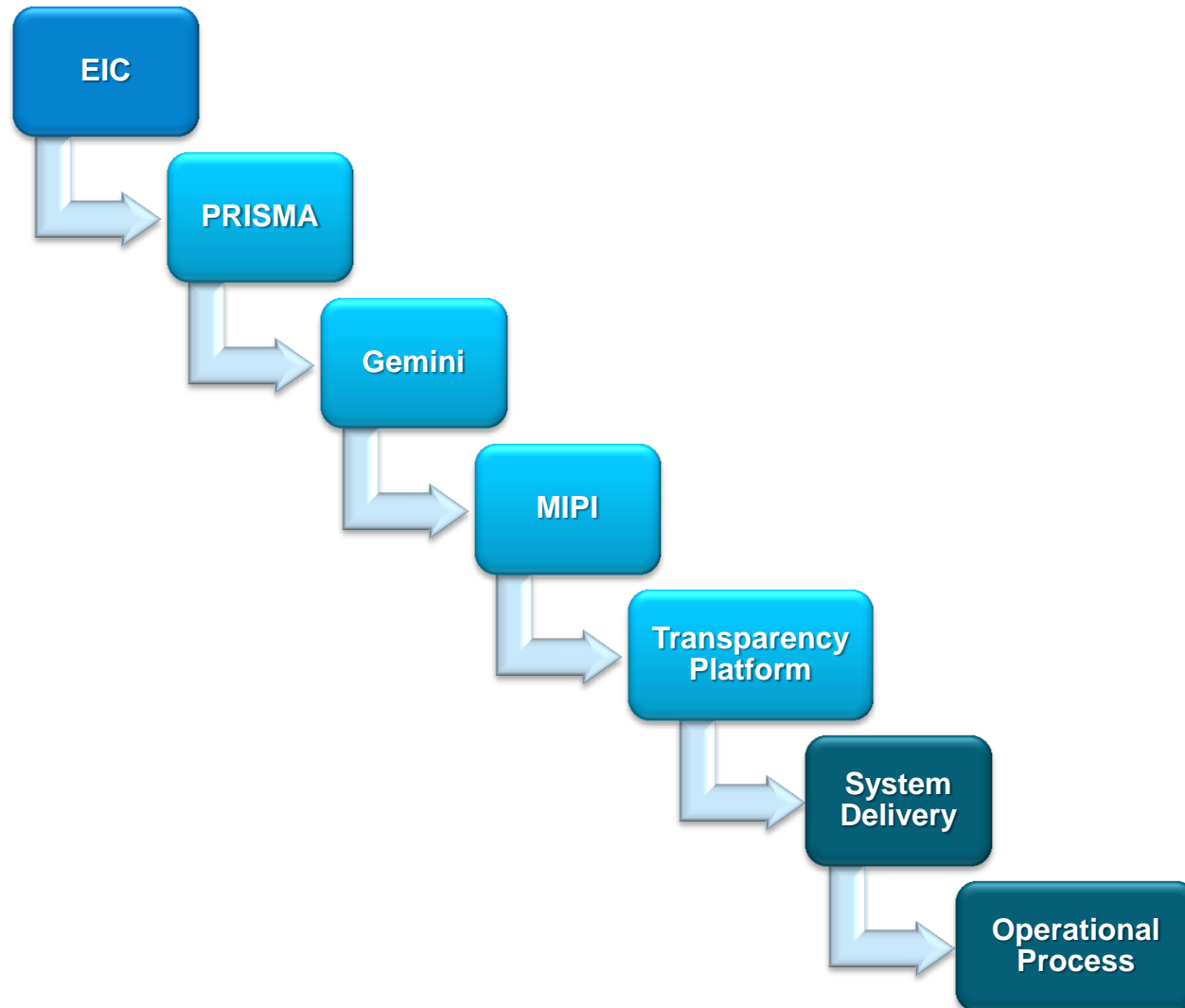
EIC Codes

- National Grid became a Local Issuing Office (LIO) for Great Britain in 2014, and is authorised to issue International and Local EIC codes

- An EIC is required when using PRISMA

- If a market participant wishes to apply for one or needs further details, please visit the 'Local Issuing Office' page on the National Grid website http://www2.nationalgrid.com/UK/Industry-information/Europe/Local-issuing-office/

CAM Auctions Timetable 2015

- As Capacity Allocation Mechanism Network Code is not legally binding until 1st November 15, any auctions referring to dates earlier than this are non-binding on TSOs

- The below dates only refer to auctions that are selling a product relevant to the GB regime

- Firm Annual Yearly

  - This has been implemented on 2nd March 2015 08:00 GMT Firm Annual Quarterly

  - 1st June 2015 09:00 BST

CAM Auctions Timetable 2015

- **Firm Rolling Monthly**

  - 9th March 2015, 13th April 2015, 11th May 2015, 8th June 2015, 14th July 2015, 12th October 2015

  - **GB PRISMA Go Live 1st November 2015**

  - 9th November 2015

  - 14th December 2015

  - 11th January 2016

  - 8th February 2016

CAM Auctions Timetable 2015

- **Firm Day Ahead**

  - 1st March 2015 through to 29th February 2016 at 15:30 GMT / 16:30 BST

- **Interruptible Day Ahead**

  - 1st March 2015 through to 29th February 2016 at 16:30 GMT / 17:30 BST

- **Firm Within Day**

  - Subject to capacity being made available, a within-day capacity auction shall be held every hour during gas day
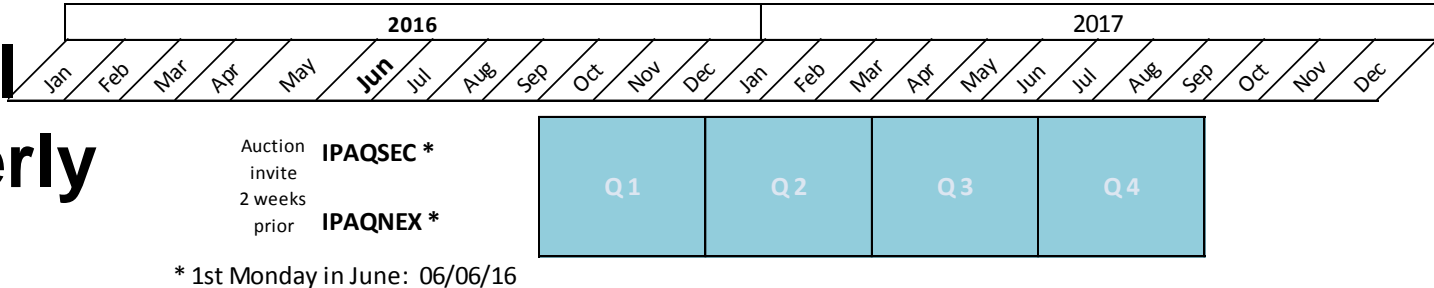
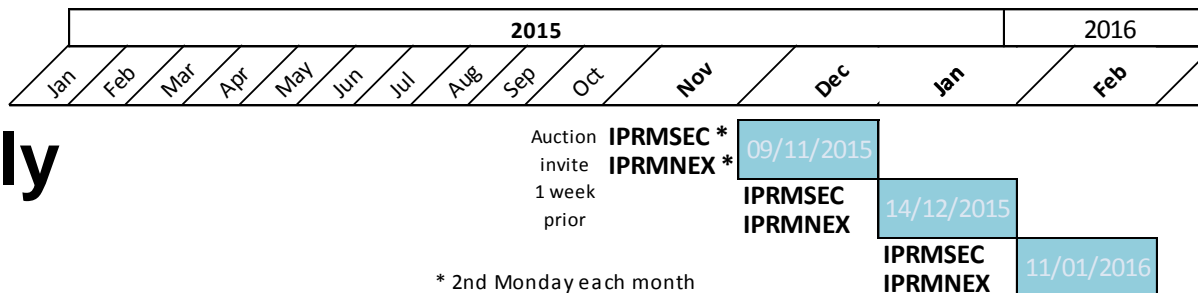# IP Entry & Exit Long Term Auctions – Firm Capacity

Annual Yearly

2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030

Jan | Feb | **Mar** | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan - Oct

Auction invite 1 month prior

IPAYSEC *

IPAYNEX *

Annual Strips Y 1 to Y 15

* 1st Monday in March: 07/03/16

Annual Quarterly

2016												2017											

Jan | Feb | Mar | Apr | May | **Jun** | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec

Auction invite 2 weeks prior

IPAQSEC *

IPAQNEX *

Q 1 | Q 2 | Q 3 | Q 4

* 1st Monday in June: 06/06/16

Monthly

2015												2016	

Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | **Nov** | **Dec** | **Jan** | **Feb**

Auction invite 1 week prior

IPRMSEC *
IPRMNEX *

09/11/2015

IPRMSEC
IPRMNEX

14/12/2015

IPRMSEC
IPRMNEX

11/01/2016

* 2nd Monday each month

Results available via MIPI and Transparency Platform

TSOs are obliged under EU law to publish data on a Union-wide central platform. ENTSOG launched their new Transparency Platform on 1st October 2014. The platform currently includes data on the following:

Indicators

- Nomination (kWhd/d)
- Re-nomination (kWh/d)
- Allocation (kWh/d)
- Physical Flow (kWh/d)
- Gross Calorific Value (kWh/M3)
- Capacity: Firm Technical, Booked and Available (kWh/d)
- Capacity: Interruptible Total, Booked and Available (kWh/d)

There are 47 operators on the platform from 25 different countries. National Grid provides data on 170 connection points consisting of:

- Distribution Points
- Production Points
- Storage Sites
- Interconnectors
- Power Stations Aggregate
- Industrial Offtakes Aggregate

Future reporting will include:

- New Congestion Management Reports for Interconnection Points
- Bacton Split information
- Additional Short Term capacity information

- MIPI – data and report explorer http://www2.nationalgrid.com/uk/industry-information/gas-transmission-operational-data/

- Transparency Platform https://transparency.entsog.eu/

Gemini Changes

Name	Number of Gemini Entry Changes	Number of Gemini Exit Changes	Total
Changed screens	66	32	98
New screens	30	15	45
Changed file formats	36	16	52
New file formats	5	3	8
Changed APIs	0	0	0
New APIs	3	1	4
Changed reports	34	14	48
New reports	6	4	10

What are the System impacts?

- What systems are changing?

- Gemini

- Gemini Exit

- File formats – UK Link Committee gave its approval for the changes

- APIs

- Interfaces with National Grid's 'MIPI' and ENTSOG's new 'Transparency Platform' – Professional Data Warehouse System (PDWS)

- iGMS

Overview of Key System Delivery Stages

- Requirements ✓
  - Business process definition, screen prototypes
- Design ✓
  - Technical design, security
- Build ✓
  - Write system code, test individual components
- Testing
  - Supplier, UAT, external parties, performance, interface
  - National Grid systems UAT has commenced
- Implementation
  - Dress rehearsals, deployment, support

Connected System Integration

- **What do I need to know about the new Gemini and Gemini Exit Connected System Integration?**

- There is a requirement to create new interfaces with adjacent TSOs and these require testing

- The PRISMA interface to National Grid systems will also be tested to ensure it is fully robust prior to GB IPs going live on the system

- The new ENTSOG Transparency Platform – Professional Data Warehouse System (PDWS) is now live, changes will need testing to ensure we continue to meet our transparency reporting obligations

User Trials

- What are User Trials?

  - An opportunity for Gemini and Gemini Exit Users to explore the system using a testing environment

  - The testing environment will contain the intended changes e.g. updated or new screens

- User Trials are planned for August 2015

- What type of activities would you like to undertake in Gemini and Gemini Exit during User Trials?
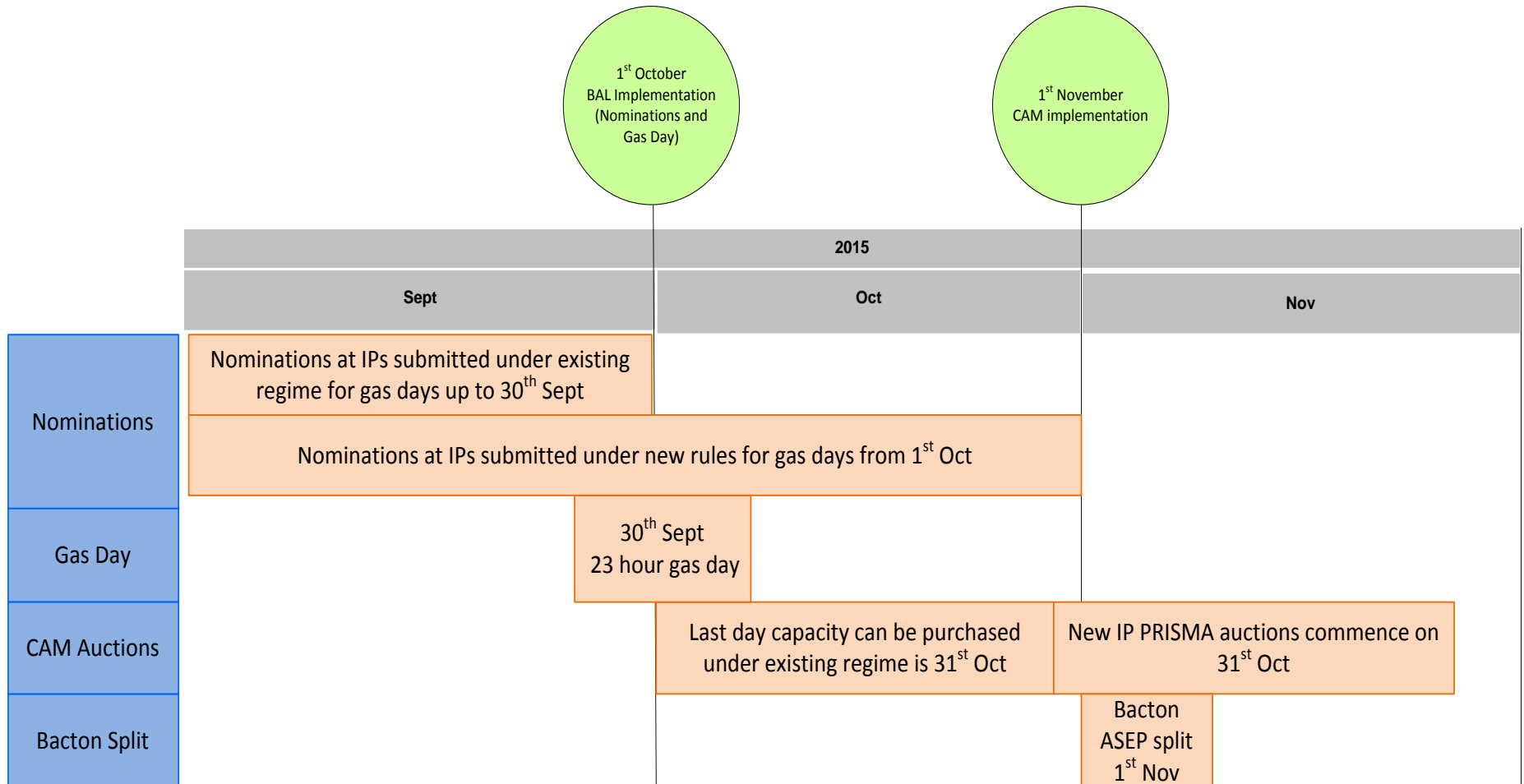
Training Proposal

- Gemini and Gemini Exit screen changes

- Gemini and Gemini Exit e-training package

- PRISMA downloads are available https://platform.prisma-capacity.eu/center/download.xhtml

Transition – Cutover Timings for IPs

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	Sept	Oct	Nov
		2015	
Nominations	Nominations at IPs submitted under existing regime for gas days up to 30th Sept		
	Nominations at IPs submitted under new rules for gas days from 1st Oct		
Gas Day		30th Sept 23 hour gas day	
CAM Auctions		Last day capacity can be purchased under existing regime is 31st Oct	New IP PRISMA auctions commence on 31st Oct
Bacton Split			Bacton ASEP split 1st Nov

1st October
BAL Implementation
(Nominations and Gas Day)

1st November
CAM implementation

Gas Day Transition – Implementation

- We are working on the assumption that all GB parties impacted by the gas day legislation will align to a 5-5 gas day in time for implementation on 1st October 2015

- Some UKCS sub-terminals have identified that they are unable to change to a 5-5 gas day in time for 1st October 2015

- DECC are chairing an industry workgroup to develop a solution to manage this

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Internal Training

- Thorough training will be provided to the GNCC staff throughout June, July and August to ensure they understand the impacts of the EU Change, how it will affect them and are fully briefed on how to manage them

- Obtaining an accredited external trainer, identifying training requirements and collating the material is currently underway

EU Business and Systems Delivery Team

- For more information or to provide us with feedback please contact a member of the team:

- Chris Gumbley – EU Programme Delivery Manager

- Bill Goode – EU Phase 3 Lead

- John McNamara – EU Phase 2 Lead

- Kay Haycock – Business Deliverables Co-ordinator

- Ethel Afrane – Training and Communications Coordinator

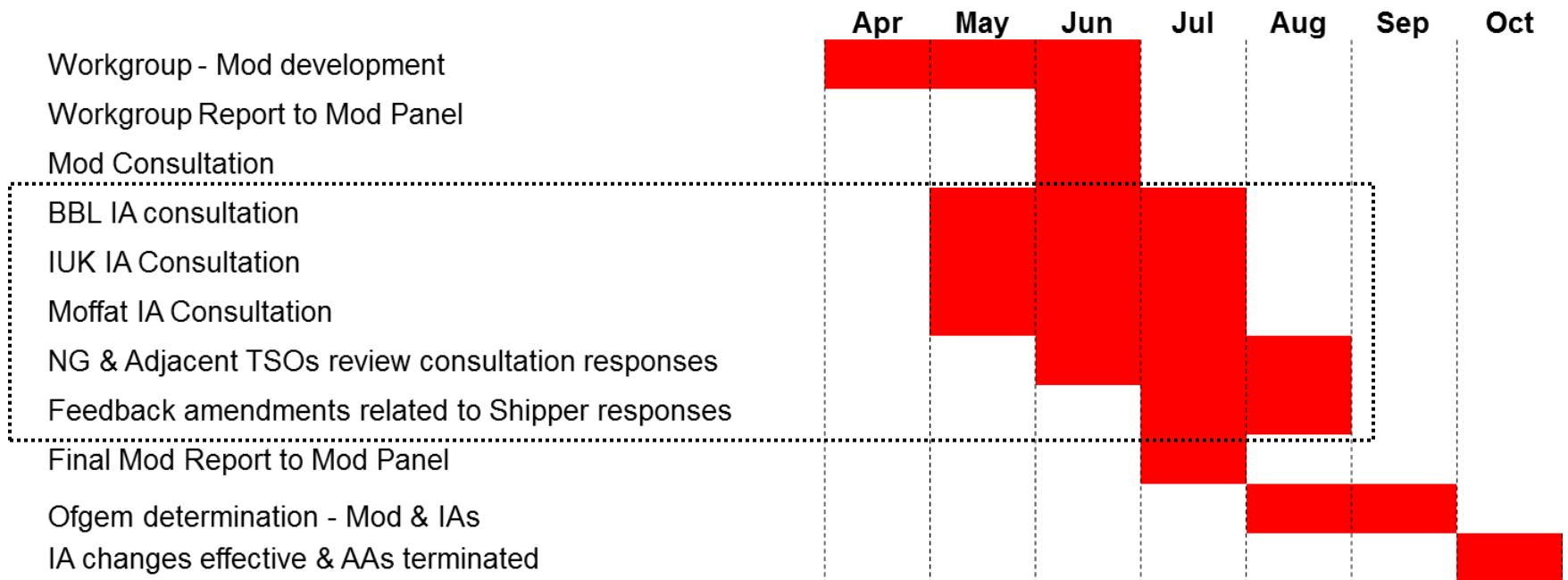- Team email: box.gasops.businessc@nationalgrid.com

4. AOB

Interconnection Agreement Consultations

- National Gird NTS envisages three separate Interconnection Agreement (IA) consultations, seeking views on new/amended text in the IAs that affect Shippers:

    - IUK;

    - BBL; and

    - Moffat (BGE (UK))

- Each consultation is planned to open for a 4-week window between May and July

- Consultations are likely to be issued at different times within this window (as and when National Grid and each Adjacent TSO have prepared the recommended IA drafting)

- Followed by National Grid NTS and Adjacent TSO jointly reviewing comments; and

- Feedback to Shippers any IA changes agreed with Adjacent TSOs as a result of consultation

IA Consultation Timeline

Modification 0525 - Enabling EU Compliant Interconnection Agreements Timeline

	Apr	May	Jun	Jul	Aug	Sep	Oct
Workgroup - Mod development	■	■	■				
Workgroup Report to Mod Panel							
Mod Consultation							
BBL IA consultation		■	■	■			
IUK IA Consultation		■	■	■			
Moffat IA Consultation		■	■	■			
NG & Adjacent TSOs review consultation responses					■		
Feedback amendments related to Shipper responses				■	■		
Final Mod Report to Mod Panel				■			
Ofgem determination - Mod & IAs					■	■	
IA changes effective & AAs terminated							■

For further information contact Debbie Brace deborah.brace@nationalgrid.com or Phil Hobbins philip.hobbins@nationalgrid.com

Future Topics

Future Topics

Topic Area	Provisional Date
Tariffs Code	Monthly updates whilst progressing through comitology
Incremental Code	Monthly updates whilst progressing through comitology