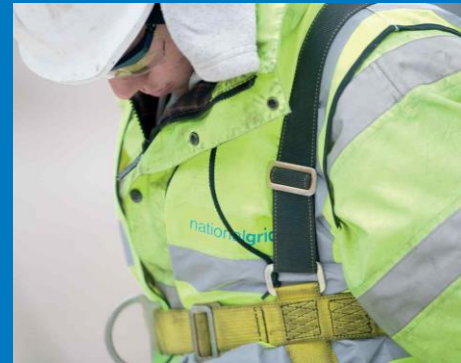


# Capacity Market Operational Coordination Event



17 June 2015

# Agenda

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Session	Timings
Welcome and Introductions	9.30
Operational Plan Update	9.35
Systems Plan Update	10.00
Break	10.30
System Demo	11.00
Agreement Management	12.00
Q&A	12.20
Lunch	12.30

# Operational Plan Update

James Greenhalgh

# Milestones Achieved

T-4 ref	TA ref	Deliverable	Scope	Date requirement from CM Rules/Regs	T-4 Auction	DSR Transitional Auction	Dependencies	Owner
5		Submit Electricity Capacity Report to SoS	Submit report to SoS including a recommendation on the target volume to procure.	Before the 1 <sup>st</sup> June	Friday 29 <sup>th</sup> May 2015	n/a	Input assumptions from DECC.	NG

**Electricity Capacity Report was submitted to DECC on 29 May 2015. It is due to be published on 30 June**

6		SoS publishes determination on auctions being held	The SoS determines whether a T-4 auction and DSR TA are to be held.	By the 15 <sup>th</sup> June	Friday 12 <sup>th</sup> June 2015	Friday 12 <sup>th</sup> June 2015	Electricity Capacity Report	DECC
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**Secretary of State determination for the T-4 auction published on 15 June 2015.**



# Upcoming Milestones

T-4 ref	TA ref	Deliverable	Scope	Date requirement from CM Rules/Regs	T-4 Auction	DSR Transitional Auction	Dependencies	Owner
7		Ofgem publish final revised CM Rules	Following consultation, Ofgem publish final updated version of CM Rules.		June 2015	June 2015	Ofgem Consultation process	Ofgem
8		Provide Auction Parameters to NG	Provide updated demand curve & target volume based on NG ECR. Also provide Net CONE, Auction Price Cap, Min/Max capacity to procure, Price Duration curves & Price decrement schedule.	As soon as practical after 15 <sup>th</sup> June	Wednesday 24 <sup>th</sup> June 2015 (DB will receive them on this day)	Wednesday 24 <sup>th</sup> June 2015	Electricity Capacity Report	DECC
9		SoS publishes Auction Parameters	SoS publishes the final auction parameters		Friday 26th June 2015	Friday 26th June 2015		DECC
10		Publish "Formal" Auction Guidelines	NG publish final guidelines to reflect auction parameters in SoS publication	Prior to the opening of the prequal window	Tuesday 30th June 2015	Tuesday 30th June 2015	SoS Parameters	NG
11		Further amendments to Electricity Capacity Regs come into force	Provisional date that amendments to Regulations relating to double subsidy and period for posting credit cover should come into force		by July 2015	by July 2015	Parliamentary progress	DECC

## Delivery Body Activities

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- Held a “Transitional Arrangements” OC event
- Reviewing Construction Progress Reports
- Customer Meetings and queries
- User Acceptance Testing
- Agreement Management activities
  - Financial Commitment Milestone
  - Connection Agreements
- Auction Demos

## Did you see

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- 4 June - DECC published Capacity Market Amendment Rules 2015
- The amending Rules set out
  - How electricity interconnectors participate in the Capacity Market;
  - detailed requirements for metering;
  - credit cover provision by Unproven DSR CMUs;
  - Aggregation of Generating Units (totalling no more than 50MW); and
  - A number of minor and technical amendments to the 2014 Rules.
    - Refurbishing declarations
    - Extension of Planning and TEC deferrals
    - Amended Exhibit A and C

**Questions?**

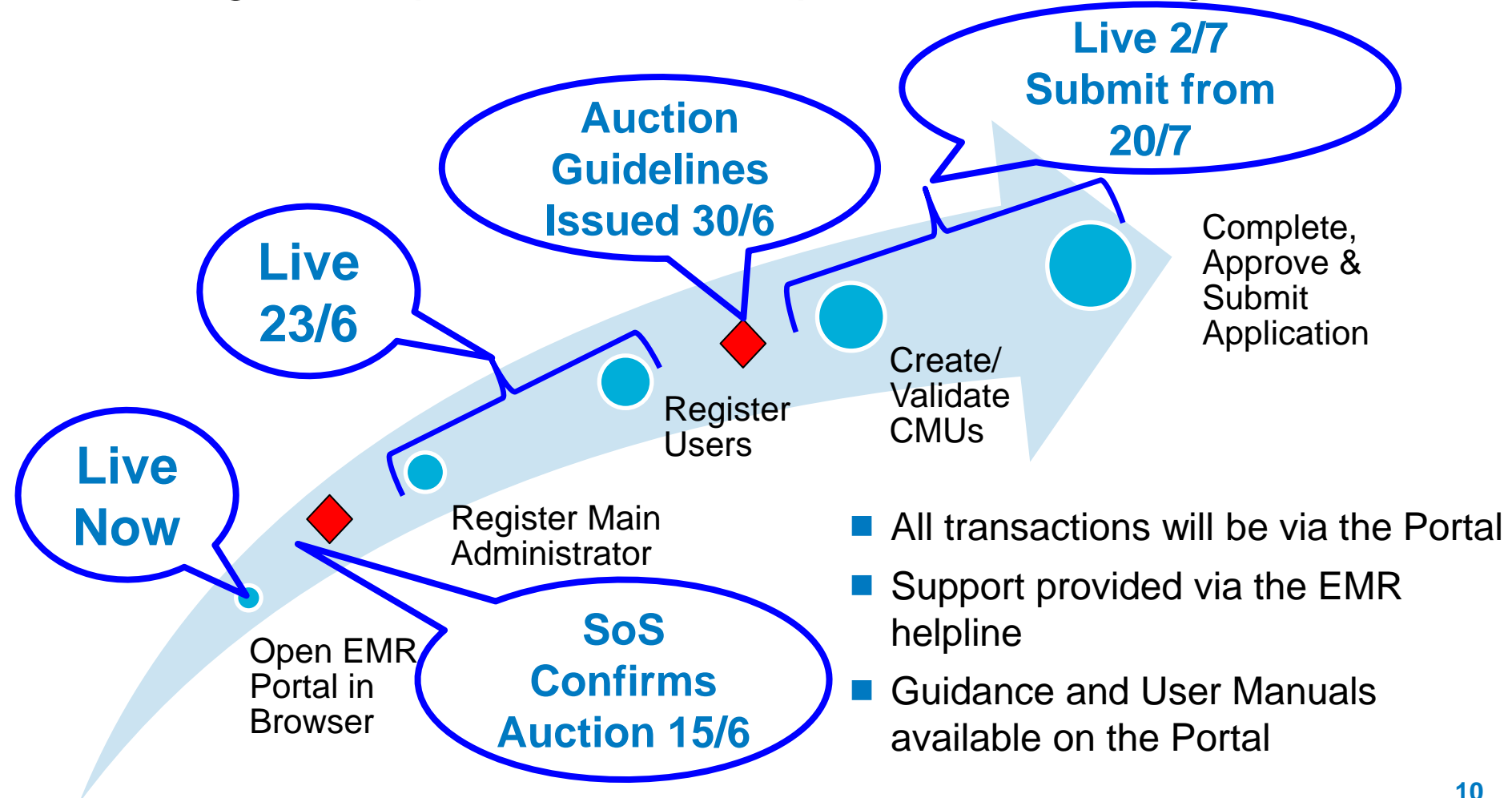


# IS Update

Ian Woolley

## High Level Process Timeline

- The high level process for Pre-qualification through the Portal



## System Timeline

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- 10 April: Portal live
- 23 June: Company/User Registration, Security, Password Management;
  - 3 rounds of UAT complete, final round of UAT due to complete today – On track
  - You will be able to complete the full Registration Process
    - Existing Applicants;
      - Validate your Main Admin
      - Validate your Company/Sub Company details
      - Edit all of the above
      - Create your full “User” structures and credentials
    - New Applicants;
      - Create all of the above

## System Timeline

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- 2 July: Capacity Market Prequalification functionality will go-live
  - 3 rounds of UAT complete, further round started today
  - You will be able to;
    - Create/Validate/Edit CMU data,
    - Build your applications for 2015 Auctions (T-4 and Transitional)
- Prequalification Window opens 20 July – 14 Aug.
  - Submission window open up to 5pm on 14 Aug 2015.
  - System will automatically close

## CM Data and Training

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### ■ Data;

- For existing Applicants we will prepopulate the system with;
  - Company details, including Main Admin (not Users)
  - CMU data
- Please validate that all data is accurate and current

### ■ Training

- We will provide;
  - Demonstrations of all components at Stakeholder events
  - User guides and manuals for the system
  - Webinar style training sessions for all system components
- Training will be run between 24 June and 3 July
  - All material will also be available online to access in your own time

# User System Requirements

- The minimum system requirements for Participant system access

Description	Admin System	
Downloads	No executable downloaded code or cookies	
Supported Browsers (Laptop, PC, Apple Macbook)	<ul style="list-style-type: none"> <li>• IE 11, 10, 9 (IE8 NOT supported)</li> <li>• Google Chrome (latest version)</li> <li>• Mozilla Firefox (latest version)</li> <li>• Apple Safari (latest version)</li> </ul>	Recommended minimum resolution 1280x720
Supported Browsers (Mobile/Tablet)	Windows Phone - OS 7.5 or later <ul style="list-style-type: none"> <li>• Browser IE Mobile</li> </ul> Windows OS – Windows 7 or later <ul style="list-style-type: none"> <li>• Browser – IE</li> </ul> iOS – iOS 5.0 works but not supported <ul style="list-style-type: none"> <li>• Browser - Safari</li> </ul> Android – OS4.0 works but not supported <ul style="list-style-type: none"> <li>• Browser - Android</li> </ul>	
Operating Systems	Microsoft Win7 or higher	
Internet Connection	Full Internet connection required	
Microsoft Office	Microsoft Office 2010 or higher	

## User Support Arrangements

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Description	Portal
System Available for use	24*7
System Supported Period	8am–6 pm Mon-Fri
Contact Us Telephone Support (01926 655300)	8am–5 pm Mon-Fri
System Availability (in supported period)	99.9%
Recovery Time	2 Hours
“Hot” Disaster Recovery	Yes (Refresh)

# Security

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- Authentication
  - User name, password and PIN number required, Maintained via segregated ADFS
  - PIN authentication through SMS
  - Password 8 digits, at least 1 upper case, 1 lower case and 1 number or special character, changed every 90 days
- Policies
  - Solutions are designed to comply with National Grid Security Standards and Codes of Practice which are all Government and CPNI approved
- Data Centres
  - All data centres used are ISO 27001/2 standards and SSAE16 Type II certified
- Personnel
  - All National Grid and IBM personnel are bound by our security standards and associated background checking
- Channels
  - All National Grid/Participant/Delivery Partner exchanges will be via https secure Internet channels or secure email
  - Intra-Data Centre communications are via secure VPN
- Intrusion Protection
  - Anti Virus and Malware protection on all servers, Network Security Zones, Edge Network Security, Deep Packet Inspection, Core Firewall Multi Layer Switches



# Demonstration

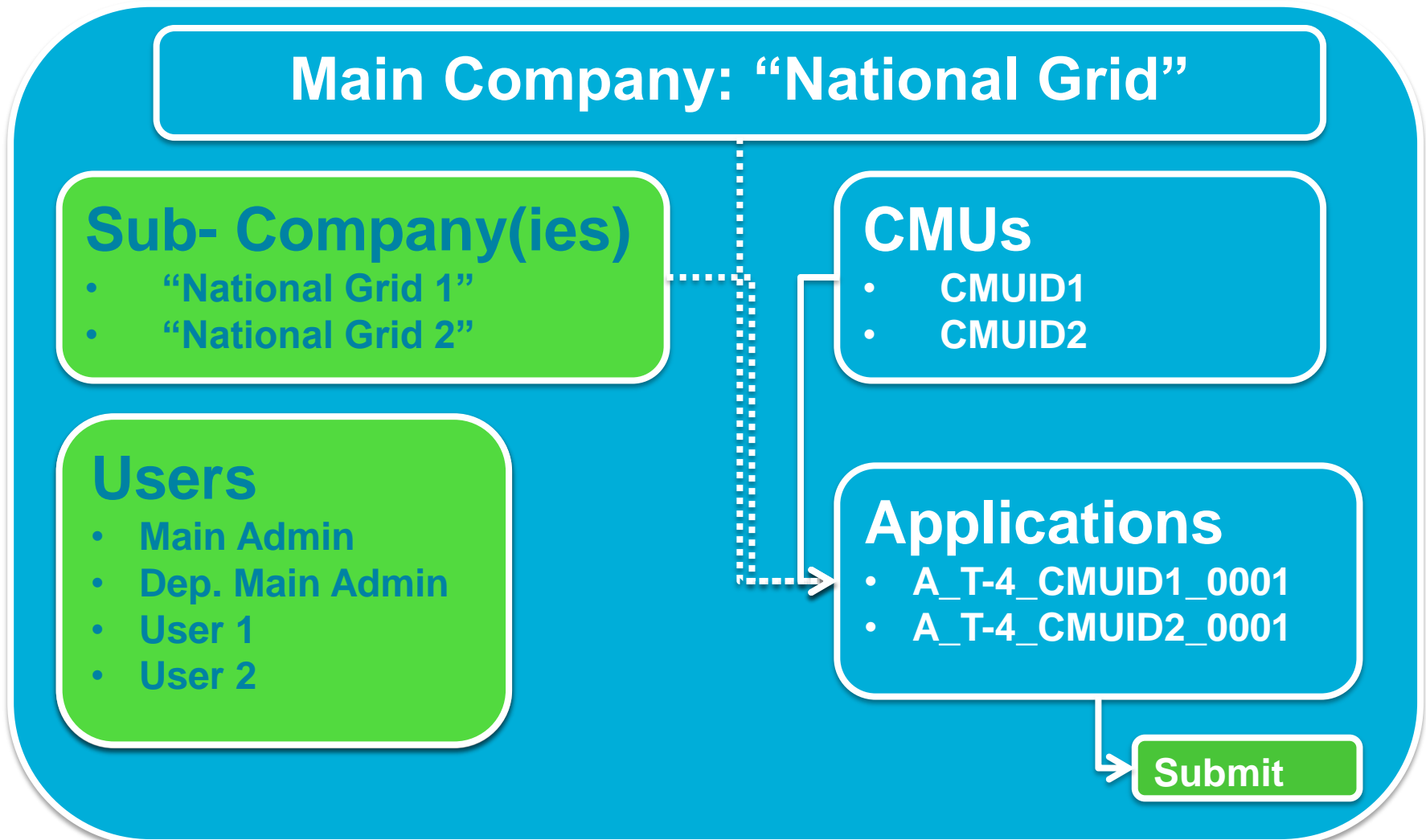
Mark Duffield

## So what does it look like

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- Demonstration of Administrator, User and Company Registration
- Demonstration of CM Prequalification

# System Structure



## So what does it look like

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- Recorded Demos

# Agreement Management (2018 Agreement Holders)

Robyn Jenkins

## Overview

	Monitoring Construction Milestones	Financial Commitment Milestone	Substantial Completion Milestone	Connection Agreement	DSR Test	Metering Assessment
New Build	Next Due: 16 December 2015	Deadline: 2 July 2016	Deadline: 1 October 2018	Deadline: 2 July 2016	N/A	Deadline: 1 October 2019
Refurbishing	Next Due: 16 December 2015	Deadline: 2 July 2016	Deadline: 1 October 2018	Deadline: 2 July 2016	N/A	Deadline: 1 October 2019
Existing	N/A	N/A	N/A	Deadline: 2 July 2016	N/A	Deadline: 30 September 2015
Proven DSR	N/A	N/A	N/A	N/A	N/A	Deadline: 30 September 2015
Unproven DSR	N/A	N/A	N/A	N/A	Deadline 1 September 2018	Deadline 1 September 2018

Note – not all of these will apply to every CMU, you should check the CM Register, your Capacity Agreement Notice and seek advice if you are not sure which apply to you.

## Monitoring Construction Progress

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- Deadline for first 6 monthly report was yesterday.
- We have endeavoured to check those submitted before the deadline
- We are about to start formally assessing the reports.
- If there are any items missing/unclear or we require further information we will write to you requesting such information.
- If the latest date you expect to achieve the Substantial Completion is after the start of the Delivery Year we will request a remedial plan.

# Monitoring Construction Progress: **nationalgrid**

## Remedial Plans

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- A remedial plan should demonstrate the steps that can and will be taken to accelerate the build programme such that the SCM is achieved by the start of the Delivery Year.
- A remedial plan must be accompanied by
  - A commentary from an Independent Technical Expert addressing whether the remedial plan is achievable; and
  - A certificate from 2 directors of the Capacity Provider stating that they believe the remedial plan is fair and achievable.
- This must be provided as soon as reasonably practicable and within no more than 120 days
- Where a Capacity Provider fails to provide a remediation plan we will notify the Secretary of State and the Delivery Body.



## DSR Tests

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- The window for completing DSR tests prior to prequal opens as soon as the CM Settlement Body approves the Metering Configuration
- No DSR tests can take place during the prequalification assessment window (17 August to 25 September)

# Conclusion

James Greenhalgh

## Other Key Dates (not including systems)

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- 23 June – Registration and User Management Guide Published
- 30 June – Auction Guidelines
- Early July – User Guides
- 6 July – Next Operational Coordination Event
- Prequalification window opens 20 July.

## Support Available

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- Questions email to [emr@nationalgrid.com](mailto:emr@nationalgrid.com)
- Helpline call 01926 655300
- We can provide support with;
  - How to use the system
  - Whether your interpretation of the Rules/Regs is consistent with ours
  - How you achieve aspects of the Rules
- **We will not and can not provide Legal or Investment Advice**

## Next Event

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- 6 July 2015 – Amba Hotel Charing Cross
- Agenda includes
  - Electricity Capacity Report
  - Auction Parameters
  - Admin System Training
  - Prequalification Readiness
  - Credit Cover Timescales
- Is there anything specific you would like to see included...?

- DECC Stakeholder Bulletins

- contact Corinne Jenkinson

[Corinne.jenkinson@decc.gsi.gov.uk](mailto:Corinne.jenkinson@decc.gsi.gov.uk)

- National Grid

- Portal

<https://www.emrdeliverybody.com>

- Mail list

[emr@nationalgrid.com](mailto:emr@nationalgrid.com)

- Helpline

01926 655300