Code Administrators horizon scan October 2019

Horizon scanning provides a high level snap shot of the key legislative and regulatory changes expected to impact the industry. These are true at the time of publication and are intended only for indicative purposes only.

The horizon Scan will be used by Code Administrator's to co-ordinate any changes that have cross code impacts.

Event	Industry Codes Affected	Action(s) being taken	Lead Code(s) Update due Modifications			Within One to Two to five years				rs	Five years plus					
erem.	industry codes Affected		Ecau couc(s)		Wiodifications duc	one year	two years		,							
Electricity Settlement Reform	Electricity BSC, GCode, MRA and SEC	ELEXON are leading on design of Targeted Operating Model (TOM) on behalf of Ofgem. Decisions due in 2019. Implementation timelines TBA	BSC	Dec 19	Oct 20									\rightarrow		
Smart Meter Roll out	Both BSC, iGT UNC, MRA, SEC, SPAA and UNC	Continue to monitor and react as required	SEC	Dec 19	Ongoing									\rightarrow		
Open Networks Project	Electricity BSC, CUSC, DCode, GCode and SEC	Energy Network Association is leading - will liaise with other CAs as required to implement recommendations. Ongoing code changes with Open Networks input include CUSC CMP298 on the assessment of embedded generation and DCUSA DCP350 on the creation of embedded capacity registers. Work stream 1B is also supporting various changes to implement Project TERRE and National Grid ESO work on wider balancing services. Further code changes will be raised later this year as WS1B Planning and Forecasting changes are taken forward for implementation.	DCode	Dec 19	Ongoing											
BEIS Smart Systems and Flexibility Plan	Electricity BSC, CUSC, DCode, DCUSA, MRA, SECAS, and SPAA	Key objectives are to remove barriers to smart technologies, including storage, enable smart homes and businesses and make markets work for flexibility. On-going consideration of	SEC	Dec 19	Unknown									$\overline{}$		
Generation licence for Storage	BSC, CUSC, DCode, DCUSA, GCode and	these objectives will lead to code changes. Continue to monitor Will consider implications to Codes once details are known	GCode	Dec 20	Oct 20									$\overline{}$		
Charging Futures Forum	Electricity BSC, CUSC, DCUSA and GCode	One place for electricity network users to learn, contribute and shape the reform of GB's electricity network access and charging arrangements.	CUSC	Dec 19	Ongoing					- 				+		
National Grid product roadmap	Electricity BSC, CUSC, DCode, DCUSA and GCode	ESO to liaise with CAs as required	CUSC	Jan 20	Ongoing									+		
Central Switching Service (CSS) Consequential Changes	Both BSC, MRA, SECAS, UNC, iGT UNC, SPAA	Codes to raise Modifications as required/directed by Ofgem and liaise with each other. Some Mods already identified as cross-code e.g. between MRA and BSC	MRASCo	Dec 19	Mar 20									+	+-	
	BSC CUSC DCode DCUSA GCode MRA													+		
Transition from DNO to DSO Electric vehicle to grid	Electricity and SEC BSC, CUSC, DCode, DCUSA, GCode and	Continue to monitor and react as required. CA's to identify how they may be impacted Continue to monitor and react as required. Technology remains experimental. CAs to consider how they may be able to implement.	DCode BSC	Dec 19 Spring 2020	Ongoing									+		
Ofgem Consultative Board	Both BSC, CUSC, DCode, DCUSA, GCode, iGT UNC, MRA, SEC, SPAA, STC and UNC	Open networks looking into this - liaise as required Potentially superseded by/subsumed into Energy Code Review	BSC	Dec 19	TBC									_		
Statement of works	Electricity CUSC, DCUSA	CUSC modification raised (CMP298). Ongoing work between ESO and DNOs on regional development plans.	CUSC	Jan 20	Apr 21									士		
Priority services register Alternative Sources of Gas	Gas iGT UNC, SPAA and UNC Gas SPAA, UNC and iGT UNC	Continue to monitor if further changes are required Projects are on-going. Will monitor and see what the results are - will be some time until changes are required	UNC	TBC TBC												
Review of approach to licensing Suppliers	Both BSC, iGT UNC, MRA, SEC, SPAA and UNC	Continue to monitor and react as required	BSC	Dec 19	TBC											
UKL System Release Nov 2019 (including RAASP)	Gas iGT UNC, SPAA and UNC	Design	UNC	Nov 19										#		
Investigating causes and contributors to levels and volatility of Unidentified Gas	Gas UNC, iGT UNC and SPAA	5 UNC Modifications have now been raised as a result of analysis/recommendations made by UIG Taskforce. Project to close October 2019, once all Modifications have been raised. More Changes expected this year	UNC	Nov 19	6 UNC Modifications have now been raised as a result of analysis/recomme ndations made by UIG Taskforce and 2 more have been drafted.											
Strategy for long-term EU greenhouse gas emissions reductions	BSC, CUSC, DCode, DCUSA, GCode, iGT UNC, MRA, SEC, SPAA, STC and UNC	Continue to monitor and react as required	BSC	Dec 19	Apr 20											
Small-scale low carbon generation (new FITs)	Electricity BSC, CUSC, DCode, GCode, MRA and SEC	Continue to monitor and react as required	DCode	Dec 19	TBC											
Changes to Supplier Hub Arrangements	Both BSC, GCode, iGT UNC, MRA, SEC, SPAA and UNC	Continue to monitor and react as required	BSC	Oct 19	ТВС											
European Network Development Plan	Electricity BSC, CUSC, DCode, DCUSA and GCode	Continue to monitor and react as required when published bi-annually to see how we may be impacted	BSC	Apr 20	ТВС											
Encouraging innovation in regulated utilities	BSC, CUSC, DCode, DCUSA, GCode, iGT UNC, MRA, SEC, SPAA, STC and UNC	BEIS Consultation closed in Jan 19. Latest update from their webpage is that BEIS are still analysing feedback	BSC	Dec 19	ТВС											
Update of P2 - Security of Supply document	Electricity DCode, GCode and DCUSA	P2/7 and EREP 130 were approved by Ofgem on 14 June 2019 and implemented on 10 August 2019 in the Distribution Code. The ENA P2 working group is now undertaking a comparative analysis of potential options for P2/8 using the Imperial analysis. Specifically the working group is set to produce and contrast a high, medium and low risk scenario identifying relative savings and risks of changing the fundamental standard. An initial meeting of DNO members has been scheduled for 11th October 2019 to determine the development timeline of the P2/8 options with the aim of preparing some high level options for BEIS and Ofgem by Q1 2020.	DCode	Jan 20	Dec 20											
Energy Code Review	BSC, CUSC, DCode, DCUSA, GCode, iGT UNC, MRA, SEC, SPAA, STC and UNC	Consultation on operating models issued by BEIS and Ofgem jointly	BSC	Dec 19	Second half off 2020											
Incorporation of storage and embedded generation into Black Start processes	Electricity BSC, DCode and GCode	Concept identified, further analysis is ongoing	GCode	ТВС												
Degradation of PSTN and Mobile tele-communications	Both BSC, CUSC, DCode, DCUSA, GCode, iGT UNC, MRA, SEC, SPAA, STC and UNC	Potential impact for data communications and collection. ELEXON already identified - potential cross code Workgroup	BSC	Apr 20	Apr 23											
UKL System Release CSS Consequential	Electricity UNC and iGT UNC	Design Phase	UNC	TBC												
Retail Energy Code	Both BSC, CUSC, DCode, DCUSA, GCode, iGT UNC, MRA, SEC, SPAA, STC and UNC	Design Phase	MRASCo/SPAA	Nov 19												
Clean Energy Package	Both BSC, GCode, CUSC BSC, CUSC, DCode, DCUSA, GCode, iGT	Capture phase	BSC	Nov 19						-				+		
Brexit	Both UNC, MRA, SEC, SPAA, STC and UNC BSC, CUSC, DCUSA, IGT UNC, MRA, SEC,	Proof of concept being undertaken to determine size/complexity of this change.	BSC	TBC												
SMETS 1 Adoption and Enrolment Phase 2 (MOC)	SPAA and UNC	Enrolment and Adoption continues	SEC	Oct 19	Late 2019					_				$-\!\!\!\!+$		
SMETS 1 Adoption and Enrolment Phase 3 (FOC)	Both BSC, CUSC, DCUSA, iGT UNC, MRA, SEC, SPAA and UNC	Enrolment and Adoption continues	SEC	Oct 19	Late 2019									\rightarrow		
Use of smart data to shape future consumer policy	Both BSC, GCode, CUSC, STC, DCUSA, MRA, SEC, DCode, UNC, SPAA and iGT UNC	Consultation issued by BEIS on 6 Aug 19. Decision to follow	DCUSA	Nov 19												
Cross Code review of Credit Arrangments	BSC, GCode, CUSC, STC, DCUSA,MRA, SE Dcode, UNC, SPAA and iGT UNC	Credit arrangments are being jointly reviewed in wake of witner 18/19 SOLR events	DCUSA	Nov 19										\bot		
Mandatory building EV charge points	Electricity SEC, DCUSA, BSC, MRA	Government is consulting on mandating EV Charge points for existing non-domestic (non-dom) buildings and all new buildings (dom and non-dom) with a given number of parking spaces. Consultation closes on 7 October 2019	SEC	Oct 19	Jul 05											
UKL System Release June 2020	Gas iGT UNC, SPAA and UNC	Capture phase Consultation closes 7 October 2010 regarding all EV charging points having great functionality.	UNC	Nov 19	tul or			\vdash						+	$\overline{}$	
EV smart Charging	Electricity SEC, BSC	Consultation closes 7 October 2019 regarding all EV charging points having smart functionality	SEC	Oct 19	Jul 05											

Event	Indust	dustry Codes Affected	Action(s) being taken	Lead Code(s)	Update due	Modifications due	Within one year	One to	Tw	Two to five years		Five years plus				
Facilitating Energy Efficiency in the electricity System	Electricit	BSC, GCode, CUSC, STC, DCUSA, MRA, SEC and Decode	C Consultation issued on how energy efficiency can become part of the market and become a replacement to increased generation and network reinforcement	GCode	Nov 19	ТВС										
Capacity Market - CO2 emissions limits	Electricit	DCode, GCode and BSC	BEIS issued consultation that closes 6 Sep 20	BSC	Dec 19	TBC										
Design of future Retail Market	Both	BSC, GCode, CUSC, STC, DCUSA, MRA, SEC, DCode, UNC, SPAA and iGT UNC	BEIS issued consultation that closes 16 Sep 19	BSC	Dec 19	ТВС										
Carbon Capture - use of oil and gas assets	Both	GCode, UNC, SPAA and iGT UNC	BEIS issued a consultation that closes 16 Sep about how gas (and oil) assets could be used for Carbon Capture Storage (CCS) after/instead of decommissioning	UNC	Nov 19											
Proportional Load Control functionality for Smart Meters	Both	SEC, DCUSA, SPAA	Consultation is open now, closes on 20 September 2019	SEC	Sep 19	Jul 05										
Government energy White Paper	Both	BSC, GCode, CUSC, STC, DCUSA, MRA, SEC, DCode, UNC, SPAA and iGT UNC	Publication date still to be announced	BSC	Oct 19	TBC										
General Election	Both	BSC, CUSC, DCode, DCUSA, GCode, iGT, MRA, SEC, SPAA, STC and UNC	NG NTS still analysing, may have impact on other Codes. Awaiting an update from NG.	BSC	TBC											
European Balancing Guidelines - Project MARI	Electricit	BSC, CUSC and GCode	Awaiting development and direction form ENTSO-E. Awaiting guidance on emulation post-Brexit	GCode	Jan 20	TBC										
System Operator Guidelines Data Exchange	Electricit	GCode and DCode	Work ongoing	GCode	TBC											
Systems Operator Guidelines Regional Outage	Electricit	GCode and DCode	Work ongoing	GCode	TBC											
UKL System Release Nov 2020 (including Retro)	Gas	iGT UNC, SPAA and UNC	Proof of concept being undertaken to determine size/complexity of this change.	UNC	TBC											
ACER Review of REMIT obligations	Both	BSC, GCode, CUSC, UNC, iGT UNC,	Included in ACER 2020 draft work plan - Once published identify new regime and Potential Code Mods. In the event of no-deal - may be driven by Ofgem for UK	BSC	Apr 20	TBC										
Gas Quality Specification Changes	Gas	UNC	NG NTS still analysing, may have impact on other Codes. Awaiting an update from NG.	UNC	TBC											
New EU Regulations (beyond EU 3rd Package)	Both	BSC, CUSC, DCode, DCUSA, GCode, iGT UNC, MRA, SEC, SPAA, STC and UNC	continue to Monitor	BSC	Apr 20	ТВС										
Hydrogen Injection into Gas System	Gas	UNC, SPAA, iGT UNC and BSC	Analysis ongoing - still in development. Awaiting an update from Gas Transporters.	UNC	TBC											
Petrol and Diesel car ban - electric or natural gas vehicle increase	Both	BSC, CUSC, DCode, DCUSA, GCode, iGT UNC, MRA, SEC, SPAA, STC and UNC	No action required at this time - continue to monitor	BSC	Jan 25	TBC										
	0 #N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A #N/A	#N/A