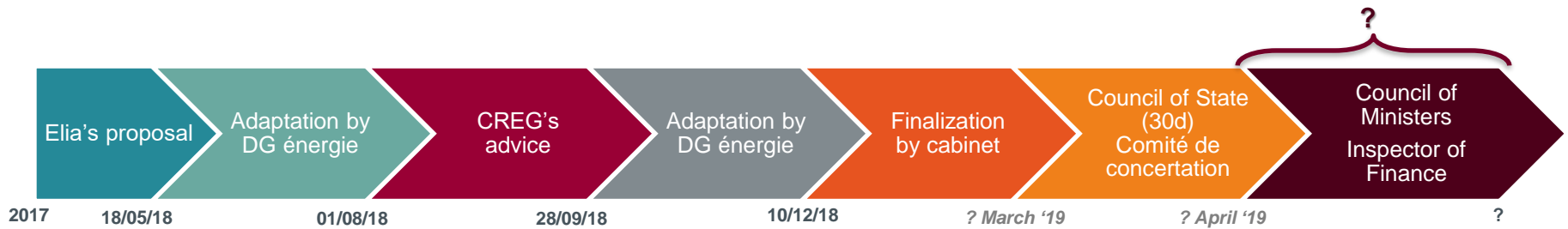


WG Belgian Grid

Revision of the Federal Grid Code

Federal Grid Code – Current Status



- The proposal of FGC was sent to the Minister's office end 2018
- Next steps :
 - Council of State (standard 30 days)
 - Rework of remarks of Council of state &/or
 - council of ministers (if needed for some articles) &/or comité de concertation & inspector of finance

- Timing is very tight although the deadline of 27/4 is still reachable
- If not, approval process of FGC could continue in « affaires courantes/lopende zaken » → the election date does not change the situation as « affaires courantes » will continue afterwards till new government

Main impacts if no FGC by 27/4 as foreseen

Impacts related to connection requirements

No national requirements for new assets while RfG applies as from 27/4 ⇒
no clear basis for units bought after may 2018



Impacts related to T&Cs and methodologies

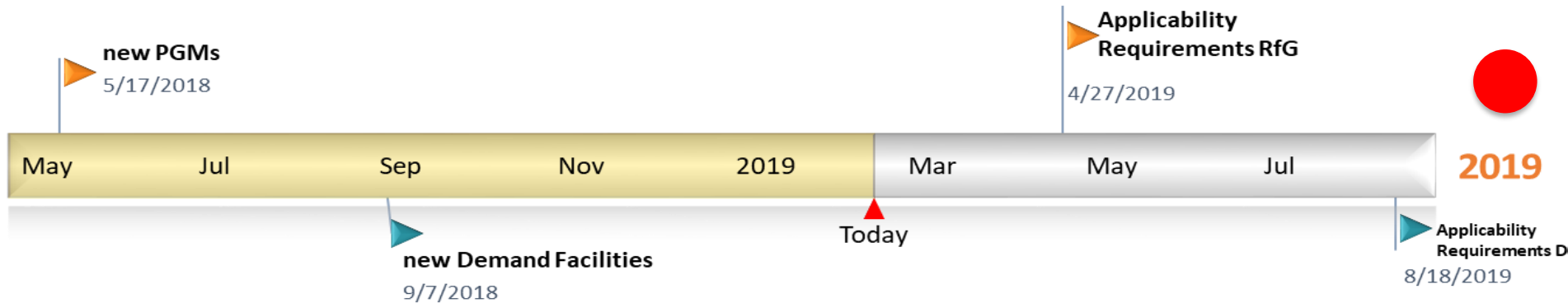
T&C's and other regulated documents stemming from EU NC ⇒
All submitted



T&C's and other regulated documents stemming from FGC ⇒
Blocked as long as FGC is not approved



No national requirements for new assets



- ⇒ **Risk:** As far as there is no decision taken according to Art. 7.4* of RfG/DCC, to specify which asset is considered as existing, units “bought” after May 2018 will have to comply to new requirements as from 27/4
- ⇒ Risk already identified in 2018 and led to the recommendation of user’s group for an ENOVER decision

New/existing @ Regional Level

Current status:

- **CWaPE** :
 - Une unité est considérée comme existante “*si le propriétaire de cette unité a conclu un **contrat définitif et contraignant pour l’achat** du composant principal de production **au plus tard deux mois après** la date de publication sur le site internet de la CWaPE de la **décision d’approbation des exigences d’application générale** visées à l’article 7 du Code de réseau RfG [ou DCC].* »
- **VREG** is considering a similar decisions as CWaPE’s – decision should be made in the coming weeks
- **BRUGEL** has not received the competence from Brussels’ government yet, but aims to align with the other regulators

General Requirements – Status & Next steps

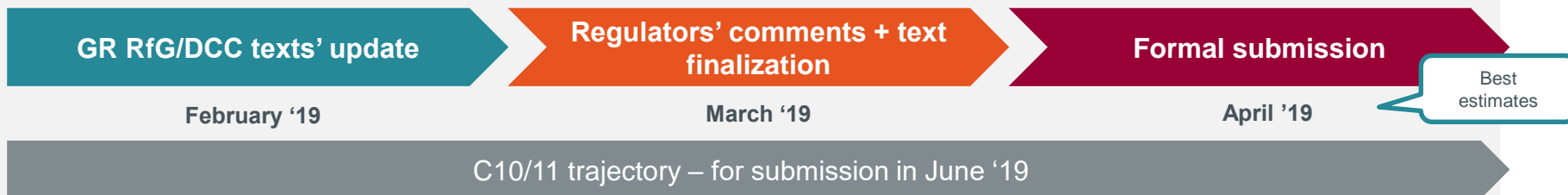
Context

- According to RfG Art 7.4 (& DCC & HVDC), General Requirements were submitted by Elia and Synergrid on 17/5/2018 in // with FGC and ABCD Limits
- @ Federal Level: no decision has been taken on 17/11/18 on Gen. Req. as the non exhaustive requirements were also included in the draft FGC
- @ Regional Level: CWaPE, Brugel & VREG rejected the proposal based on a set of common remarks (on 16/11/2018)

Status for Gen. req. @ regional level

- Workshop with DSOs and Elia was held to discuss the remarks (30/1/2019): positive outcome
- As the new/existing issue is solved on regional level, regional regulators don't see the need for a fixed deadline. Work quality is the priority, as well as content alignment with C10/11 (whose update is to be finalized in June)

Next steps @ Regional level:



- February: Elia modifies GR texts based on regulators' comments and feedback received during workshop on 30/1, in collaboration with DSOs/Synergrid
- Comments by regulators + finalization
- In parallel, Elia, DSOs and regional regulators progress on the C10/11 update
- Formal submission of FR and NL versions for approval

General Requirements – Main comments from regional regulators

- **Legal / related to competences:**

- Legal applicability and link between General Requirements and C10/11

- On federal level: No approval decision of General Requirements. All connection requirements related to transmission will be completely integrated in FGC

Legal applicability	Connection of production units	Connection of demand units
Transmission	General Requirements Federal Grid Code	General Requirements Federal Grid Code
Local Transmission	General Requirements	General Requirements
Distribution	C10/11	General Requirements

- On regional level: Approval of General Requirements and C10/11 by regional regulators
- As C10/11 is more exhaustive than Gen. Req. RfG, DSOs will formally submit their non-exhaustive requirements in C10/11 to regional regulators
- Clarity of applicable requirements for grid users will be a priority

- Requirements for /within CDS

- TSO/DSO have not the right to submit requirements for assets within CDS → All references to CDS will be removed from the General Requirements
- However, as a CDSO is a Grid User of the transmission/local transmission/distribution grid, Elia's or DSOs' connection requirements will apply at the interconnection point between the CDS and the transmission/local transmission/distribution grid and CDSO ensures (via his own requirements for his CDS-GU's) that the CDS meets its obligations
- Regional regulators are considering introducing in their future Grid Codes that if a CDSO does not submit his Gen. Req. the Gen. Req. /C10/11 are applicable by default.

General Requirements – Main comments from regional regulators

- **Requests for clarification/need to be more specific:**
 - mandatory provision to RSO of technical capabilities when they exceed min. requirement
 - ⇒ Clarify that those capabilities should be put at disposal of TSO/DSO if no technical/economic impact (already in RfG/DCC)
 - be more specific regarding the future documents where some requirements will be further described
- **Wording / translations / language abuses**
- **Content : only two**

Cogen Vlaanderen contacted concerned authorities requesting for modifications in FGC and Gen. Req.:

1. Modification of standard temperature (to 0°C) to assess the admissible maximum power reduction with falling frequency

- Modified in FGC
- Proposed as modification in Gen. Req. RfG and C10/11

2. Modification of response time for gas turbines in case of increasing or decreasing frequency

- A pragmatic approach was proposed :
 - Current FGC requirements (which are compliant with Implementation Guidance Document) are maintained as default requirements
 - For gas turbines and internal combustion engines that can't apply the default requirements, an alternative solution aligned with German standardization documents is offered
 - Proposed as modification in regional Gen. Req. RfG and C10/11

Many thanks for your attention!

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