Mod_16_19

Changes to FNDDS Calculation

Modification Overview

Modification to FNDDS variable calculation:

> **Key variable in DSU capacity settlement**
>
> **Not applicable to other unit types**

Modification looks to do three things:

> **Codify governance**
>
> **Codify calculation**
>
> **Implement agreed changes**

FNDDS Introduction

Used in DSU capacity settlement

Non-performance percentage

    Extent that DSU did not meet obligations

    Only relevant if strike price is breached

Simplfied Example

    Obligated capacity = 10MW

    DSU dispatch = 5MW

    FNDDS = 50%

Context - Timeline

FNDDS written into code assumed to be a TSO technical measurement – no documented methodology

MO clarifies the calculation with a publication outside of TSC

FNDDS discussed in WG for Mod_32_18 – agreed system service flag should apply to DSU through FNDDS

Mod_12_19 laid groundwork to for system service flags for DSUs

Impacts of no modification

FNDDS calculation not governed by TSC

  Happens in governance grey area

  Issues for dispute and change control

TSO duty but not TSO data

  Relies on QEX, QM

  No code provisions for sharing of data

  Better fits an MO obligation

Does not allow for system service flag

How impacts are addressed

Codify calculation under TSC

   Subject to all TSC governance

Codify as MO obligation

   Avoids need for data transfers

Include system service flag

   Consistent with generator treatment

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Other items

Impact assessment
> **Manual SEMO process**
> **No system changes needed**

Mod_17_19 and state aid
> **Will not apply until October 2020**
> **Change still needed for next 12 months**

Time to implement
> **Can be ASAP due to no system changes**