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| Network Innovation Competition 2020 Supplementary Answer form | | |

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| Project Name | Constellation | | |
| Question number | #7 | Pro forma section | Section 10.4.1.2 |
| Question date | 27/08/20 | Answer date | 01/09/2020 |
| Question summary | Please confirm that “grid” substation means 132kV substation, ie bulk supply point.  What does “managed units” mean?.  In Figure 34 what does “"DER Site investigated for local ML-based control mean"?” | | |

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## Answer (please retain document formatting and do not exceed 2 pages unless otherwise agreed with Ofgem)

In the FSP, grid substation refers to a 132kV to 33kV substation, while bulk supply points are National Grid infeeds (400kV or 275kV to 132kV).

Managed units are DER sites that are controlled by Active Network Management. In the context of Constellation, these refer to the DER sites that the Constellation Local ANM control is applied to.

Machine Learning (ML) is used to identify limits for a DER site, to be applied when there is no communication connection available for external information to and from central ANM. The “DER Site investigated” in Figure 34 refers to a point of DER connection which has Constellation Method 1 deployed and using ML to optimise the local network. Specifically for the Constellation trial, that refers to a DER site where this Method will be trialed.

We will clarify these references in the resubmitted FSP.