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| Network Innovation Competition 2021 Supplementary Answer form | | |

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| Project Name | EQUINOX | | |
| Question number | 22 | Pro forma section | 3 |
| Question date | 14/09/2021 | Answer date | 16/09/2021 |
| Question summary | Can you please confirm how a constraint instruction to a HP customer will be verified (i.e. how will you measure the extent of the response): through smart meter data, smart heat pump controller monitoring or HP demand monitoring metering? If it is through smart meters only, how will other loads picking up (in the same 30min window) be distinguished from a failure to comply, especially where turn down is preferred to turn off. | | |

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

The trials design has not be undertaken but as a minimum we would expect to be receiving smart meter data to verify an event. For our Flexible Power and for our NIA, Intraflex(which is trialling near real time procurement of DSR) we use a baseline to verify the event and we would anticipate that this would be the minimum requirement. If additional monitoring equipment, such as asset metering can be included within the designs and can then be used to verify an event then we would of course take advantage of this. Both a baseline and asset metering approach should provide us with enough data with which to verify an event but the trials design phase will enable us to determine the optimal answer to this- if there are additional costs then this may determine the route forward.