

# CUB Reduction Reward Scheme

Part of the ESO Demand Flexibility Service



## How to Make the Most of the Scheme

This guide provides some helpful information on how to maximise the rewards your organisation can earn from RR this Winter. Please get in touch with us if you would like more information.

We have also given an estimated earning potential for each of these areas of participation to be used as a guide only. Please ensure that any response you provide is done safely!

### Industrial Load – Earn an estimated £50k

If you have a manufacturing/industrial process then it may be difficult to reduce your consumption at certain times however here are some examples of how our clients are taking part.

1. Maintenance – Use the event window (usually 1 hour) to carry out maintenance on equipment that may ordinarily be scheduled for other times of day.
2. Staff break time – Consider moving the staff break time to fall within the RR event window.
3. Shutdown – If it is possible and to maximise the revenue generated from a RR event then shutdown as much equipment as (safely) possible however we appreciate this is rarely possible.

### EV Chargers – Earn an estimated £1K

If you have EV chargers on site, the usage that typically occurs during a RR event can be manipulated to increase revenue. There can be considerable revenue gained from participating with EV chargers.

1. Step Down KW rating – Most EV chargers provide software that can be used to reduce the KW rating of each charger so instead of charging at 50kw it can be reduced to 40kw and the 10kw would return a revenue of £20 for that hour.
2. Reduce charge points available – If you cannot control the charge remotely and if appropriate for the users of your charge points you could physically prevent access to the charger(s) for the period of the event.
3. Time the vehicle charging systems in line with events – If the vehicles on site are within your control and it is easier to programme the vehicles themselves then you can schedule the charge time to avoid the Reduction Reward Event.

### Cold Storage – Earn an estimated £3,600

Cold Storage facilities including chillers and freezers often allow a great degree of flexibility and can be lucrative when optimised to participate.

Participation from cold storage is achieved by “overchilling” to the level at the lowest end of your industrial parameters (within the range of the goods you are chilling) and then isolating the unit to switch off for the duration of the event.

### Batteries – Earn an estimated £2,400

If you have a battery on site, then using the battery for the period of time during the event to its full capacity makes complete sense and ensuring the battery is at a higher state of charge as possible leading up to the event will maximise revenues for each event.

If you do have a battery on site, then please let us know as there may be other schemes we can get you involved in going forward.

## Office Environments/Other – Earn an estimated £500

Whilst there is less that can be done in an office environment there are methods to ensure you can still participate.

1. HVAC – Air conditioning/Heating Units can be managed to be isolated for some or all of a RR event whilst still providing a comfortable working environment by raising the temperature leading up to the event slightly and then isolating the units for the duration of the event. (This is assuming we don't have a tropical Winter, in which case the reverse would apply!)
2. Ensuring all PC's/lighting is turned off – Whilst this is only a small amount of power consumption it is also a good exercise anyway. With 11 of 14 events last year occurring after 5pm last Winter your performance will be based on the state of consumption the office is left in!

### Look out and respond accordingly to events!

This Winter there will be events taking place Day Ahead and Intra Day. This means that you may have only a matter of hours to respond to an alert for an event to Opt In and take necessary action on the same day. We recommend that you Opt In for all events unless you are certain that you cannot change your electricity profile on that day.