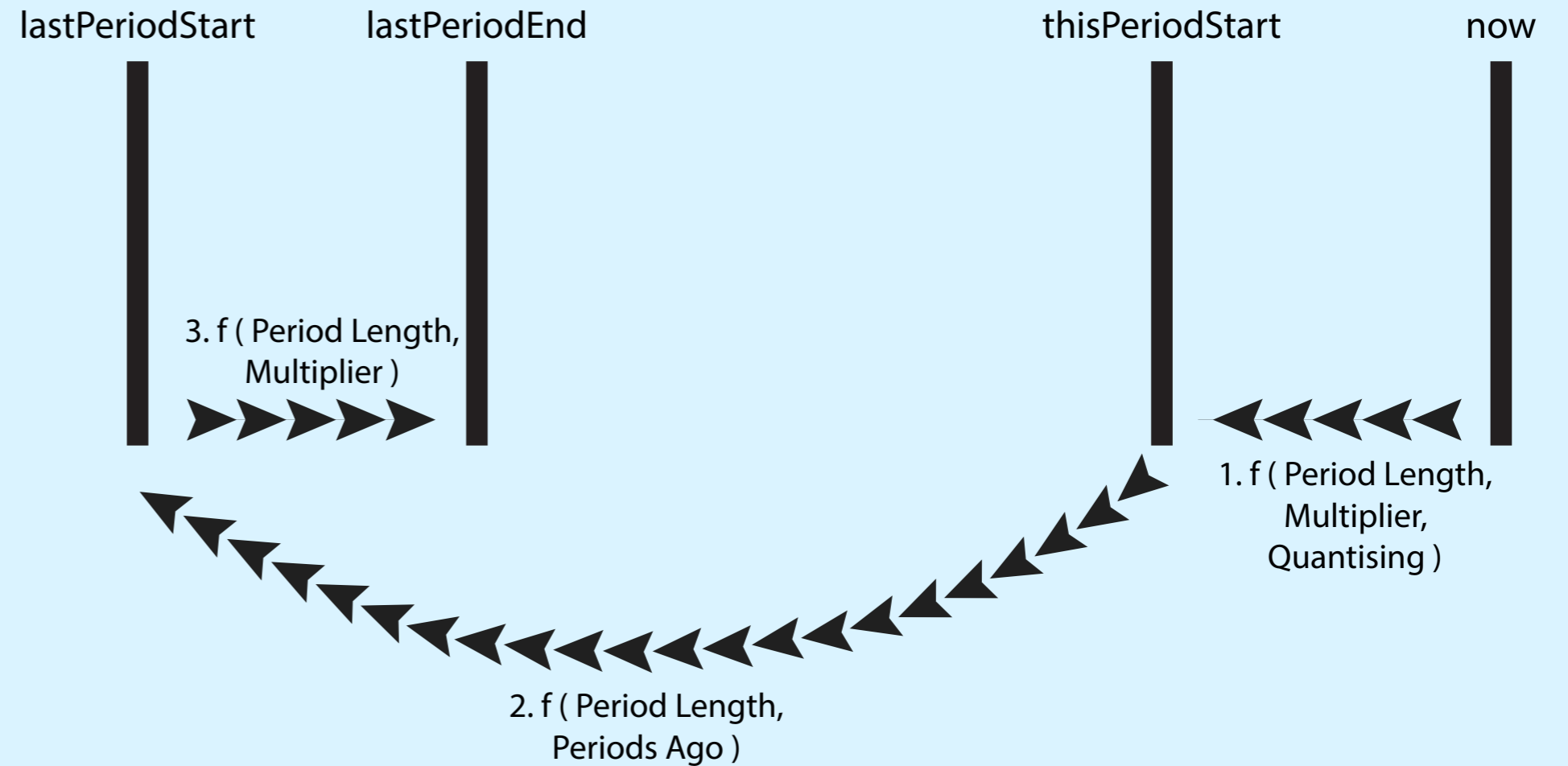## Configure element ✕

| Feed | shot_kWh ▾ | Feed value |

| Period length | Hour (usage in hour just been) ▾ | Period length |

| Period multiplier | |

Number of Periods, this defines the width of the time window. 0 and 1 default to length of period.

| Periods ago | |

Periods ago, for past periods. Shifts time window into the past by units of hour/day /month etc.. Set to Zero for current period only (i.e. today). Hour is reset on the hour, day reset at midnight, week reset on Monday, month on the 1st of the month, Year from the 1st January.

| Period offset | |

Period start offset in seconds, positive number shifts time forwards.

| Period quantisation | True ▾ |

True sets the start of the time window according to the common requirement as per period length, i.e. the beginning of the day i.e. hour starts from x:00 minutes, day from 00:00 hours, week from Monday 00:00, Month from 1st of the Month 00:00, and Year from 1st of January 00:00. No quantisation will result in a time window with a start point in the past strictly as units of the period length, i.e today at 13:30 -> yesterday at 13:30.

| Period kWh/day | False ▾ |

Convert the periodic energy use to kWh per Day

| Use last year's data | False ▾ |

Set to True to use last year's data

Cancel   **Save changes**

lastPeriodStart   lastPeriodEnd   thisPeriodStart   now

3. f (Period Length, Multiplier)

1. f (Period Length, Multiplier, Quantising)

2. f (Period Length, Periods Ago)

The 'time window' is the calculation period, for example between 'now' and 'thisPeriodStart'.
The arrows indicate the calculation procedure, and the variables included in the calculation function f(x).

Convert calculation to kWh/day equivalent.
This overcomes the variability in month length, and can be used in general.

'Use last year's data' shifts the lastPeriodStart back one year, for hour, day week or month.
For example this would be the same as a Period Length of a Month and Periods Ago set to 12.

If Periods Ago is Zero, then the kWh returned is for **thisPeriod**.
if Periods Ago is 1 or more, then **lastPeriod** is returned.