

# Energy Storage Summit London 2020: Where Batteries Met Biscuits

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### Why This Summit Made the UK Battery Scene Sizzle

500 energy geeks crammed into a London conference center debating lithium-ion chemistry... while fighting over the last custard cream at tea break. The Energy Storage Summit London 2020 wasn't just another industry event - it was where Tesla groupies shook hands with National Grid executives, and where the phrase "battery degradation" suddenly became dinner party material.

### The Great Grid Debate: Wires vs. Widgets

Day one kicked off with a heavyweight showdown between traditional grid engineers ("You'll pry my copper cables from my cold dead hands!") and storage startups waving flow battery prototypes. Key takeaways:

- National Grid's surprise announcement about 800MW storage procurement targets
- ScottishPower's live demo of their "virtual power plant" using 300 home batteries
- A heated debate about whether to call it "second-life batteries" or "zombie cells"

### Battery Tech That Stole the Show

While delegates argued about policy, the exhibition floor buzzed with actual innovation. Here's what had engineers drooling:

#### The Good

- Northvolt's cobalt-free battery cells (because who wants blood minerals in their kWh?)
- Highview Power's cryogenic energy storage - basically freezing air for later use

#### The "Creative"

- Gravitricity's weight-based system using 12-tonne weights in abandoned mineshafts
- A startup proposing to store energy in giant spinning concrete donuts (no, really)

### Policy Pandemonium & Brexit Bingo

With Brexit looming like a drunken uncle at a wedding, the "Regulatory Roundtable" session descended into chaos. Highlights included:

- DEFRA's accidental reveal of postponed safety regulations
- A German delegate shouting "Scheisse!" when discussing customs delays

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Everyone suddenly realizing battery imports required 37 new forms

## The Coffee Break Revelation

Over lukewarm lattes, three storage developers discovered they'd all bid on the same grid contract using identical Tesla Powerwalls. The resulting partnership birthed the UK's first storage-as-a-service consortium - proving innovation happens between sessions as much as during them.

## Winners, Losers & That Guy From Ofgem

By day three, the energy storage hierarchy became clear:

## Rockstars

Fluence's AI-driven bidding algorithm that outsmarted human traders

Local councils demanding community battery ownership models

## Facepalm Moments

The startup pitching "Bitcoin mining as grid balancing" (energy drink sponsored, naturally)

An investor asking if batteries could store wind (yes, actual wind)

## Legacy of London's Storage Circus

Six months post-summit, its impact became clear. The London energy storage summit 2020 directly influenced:

Ofgem's accelerated connection agreements for storage projects

Five new battery gigafactory proposals along the M1 corridor

Permanent adoption of "zombie cells" in industry jargon

## The Tea Break That Changed Everything

Who could forget the infamous "Great Tea Shortage of 3:15 PM"? As delegates mobbed the refreshment table, a solar developer and National Grid operator found themselves bonding over:

Shared hatred of DC coupling

Mutual confusion about dynamic containment

Agreement that bourbon biscuits beat digestives

## **Energy Storage Summit London 2020: Where Batteries Met Biscuits**

This unlikely duo later co-authored the UK's first storage-plus-solar grid code - proving sometimes the real magic happens when the PowerPoints stop.

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