Meadow Blue Community Energy

AGM - 10th December 2019

Doors open 7pm for 7.30pm start
& aim to finish at 8.30pm
Roger Marshall
MBCE Chairman
Agenda

1. Welcome and Introductions
2. Approval of minutes of the previous AGM
3. Resolutions
   a. Election of directors to the board
   b. To accept the Meadow Blue Community Energy audited accounts
   c. To delegate to the directors the authority to appoint auditors and to fix their remuneration
4. Review of 2019 site performance, site management
5. Member interest payments update
6. Meadow Blue Community Energy going forward
7. AOB
Introductions

MBCE Board:

- Roger Marshall
  MBCE

- Chris Rowland
  MBCE & MRE

- Julia Waterlow
  MBCE & MRE

- Dave Barton
  MBCE & MRE

- Nick Rouse
  MBCE

- John Parkinson
  MBCE
Formal/voting

Quorum

• A quorum shall be 3 Members or 5% of the membership, whichever is the greater.

• Number of MBCE share holders = 207

• Quorum = 11 members (including board)

Vote

Propose & Second for each vote

Record voting
Formal/voting – return to

a. Stepping down from the board & standing for re-election:

1. Roger Marshall

2. Julia Waterlow

b. To accept the Meadow Blue Community Energy audited accounts

c. To delegate to the directors the authority to appoint auditors and to fix their remuneration
Nick Rouse
Solar Performance
Monthly Generation

- Start to Oct 16
- Year to Oct 17
- Year to Oct 18
- Year to Oct 19
- Prediction
Monthly Generation
Corrected for irradiance

Monthly Generation (MWh)

Start to Oct 16
Year to Oct 17
Year to Oct 18
Year to Oct 19
Prediction
The Big Picture

Total generation since startup in July 2016

Predicted: 19,232 MWh
Achieved: 18,831 MWh

2% shortfall equal to loss caused by transformer outage
Site Problems

Transformer rusting

Impact cracking of panels

Corroded connectors

Electroluminescent & infra-red anomalies
76 panels thought to be suspect from the electroluminescence and infrared scans were tested for output power. A slight degradation was found but no great loss.

For reference the panels are guaranteed to degrade no more than 0.8% per year for 25 years and for predictive purposes a figure of 0.4% per year is taken for the whole array.

To date, the overall system comfortably meets this target.
Dave Barton

Site Management & Community Benefit
Local issues

- Community grants
- Community tree and hedge planting
- Environmental plan (LEMP)
- Education
- Relationship with WSCC
Local Environmental Management Plan
**Education**

2018: working with Solar Power Education & North Mundham primary school

2019: similar initiative with Westbourne House school postponed until May 2020

2019: hosting University of Surrey Masters students to site & West Sussex County Council installation at Westhampnett: third year of our collaboration with the University, with Solesco and last year working with Wagner Renewables

2020: opportunity to develop our own schools education programme
Westhampnett PV and battery site

Very informative visit, hosted by WSCC and Arun Construction Services, builder and O&M provider

2018 subsidy-free installation: 7.4MWp PV and 4MW/MWh batteries
Roger Marshall
MBCE Chairman
Challenges remaining at start of year

• Cash flow challenges
• Change O&M contractors
• Remaining short term debt
• Pay interest to members
Objectives over next year

• Improve environmental features

• Revenue generating possibilities

• Pay more to community, developing community grant programme

• Pay down debt

• Consideration of battery systems
Formal/voting

a. Stepping down from the board & standing for re-election:

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2. Julia Waterlow

b. To accept the Meadow Blue Community Energy audited accounts

c. To delegate to the directors the authority to appoint auditors and to fix their remuneration
Any other business