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25 October 2024

**Powerhouse Energy Group Plc**  
(the "Company" or "PHE")

**Award of share options**

Powerhouse Energy Group Plc (AIM: PHE) a company pioneering integrated technology that converts non-recyclable waste into low carbon energy together with a revenue generating engineering consulting division (Engsolve), is pleased to announce that the Remuneration Committee agreed yesterday to grant the following share options, under a share option scheme to be documented over the coming weeks to members of the Board and the Company Secretary.

The new share options have an exercise price of 1.10p, being equal to the closing mid-market price of an Ordinary Share yesterday, and a premium of 4.8% to the 30 day VWAP of 1.05p, as at the close of business on 23 October 2024. The options will be structured to vest from 1 May 2025 and will lapse on the fifth anniversary of the date of grant.

Directors and PDMRs included in the award are detailed in the table below:

Director / PDMR	Current options held	New options awarded	Total options held
David Hitchcock - Chairman	0	15,000,000	15,000,000
Paul Emmitt, CEO	0	50,000,000	50,000,000
Ben Brier, CFO	0	40,000,000	40,000,000
Anthony Gale, Non Executive Director	0	12,000,000	12,000,000
Hugh McAlister, Non Executive Director	0	12,000,000	12,000,000
Karol Kacprzak, Non Executive Director	0	12,000,000	12,000,000
Rose Herbert, Company Secretary	0	12,000,000	12,000,000
Total		153,000,000	

**For more information, contact:**

**Powerhouse Energy Group Plc** +44 (0) 203 368 6399  
Paul Emmitt, CEO

**Strand Hanson Limited (Nominated & Financial Adviser)** +44 (0) 207 409 3494  
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**SP Angel Corporate Finance LLP (Broker)** +44 (0) 20 3470 0470  
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Simon Hudson / Nick Elwes / Saskia Sizen [powerhouse@tavistock.co.uk](mailto:powerhouse@tavistock.co.uk)

**About Powerhouse Energy Group plc**

Powerhouse Energy has developed a process technology which can utilise waste plastic, end-of-life-tyres, and other waste streams to convert them efficiently and economically into syngas from which valuable products such as chemical precursors, hydrogen, electricity, heat and other industrial products may be derived. PHE's process produces low levels of safe residues and requires a small operating footprint, making it suitable for deployment at enterprise and community level.

PHE also incorporates Engsolve Ltd, which is a revenue generating business who offer Engineering Services across all sectors with speciality services in the development of new technologies and clean energy.

For more information see [www.phegroup.com](http://www.phegroup.com)

The notifications set out below is provided in accordance with the requirements of the EU Market Abuse Regulation.

**NOTIFICATION AND PUBLIC DISCLOSURE OF TRANSACTIONS BY PERSONS DISCHARGING MANAGERIAL RESPONSIBILITIES AND PERSONS CLOSELY ASSOCIATED WITH THEM**

1	Details of the person discharging managerial responsibilities/person closely associated		
a)	Name	David Hitchcock	
2	Reason for the notification		
a)	Position/status	Non-Executive Director	
b)	Initial notification/ Amendment	Initial notification	
3	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Powerhouse Energy Group plc	
b)	LEI	213800MY7XIYS2BSC163	
4	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument  Identification code	Options over Ordinary Shares of 0.5p each  GB00B4WQVY43	
b)	Nature of the transaction	Options granted under the 2024 Share Option Scheme	
c)	Price(s) and volume(s)	Exercise Price(s)	Volume(s)
		1.1p	15,000,000
d)	Aggregated information - Aggregated volume - Price	Single transaction as in 4c) above	
e)	Date of the transaction	24 October 2024	
f)	Place of the transaction	Outside a trading venue	

1	Details of the person discharging managerial responsibilities/person closely associated		
a)	Name	Paul Emmitt	
2	Reason for the notification		
a)	Position/status	Executive Director	
b)	Initial notification/ Amendment	Initial notification	
3	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Powerhouse Energy Group plc	
b)	LEI	213800MY7XIYS2BSC163	
4	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument  Identification code	Options over Ordinary Shares of 0.5p each  GB00B4WQVY43	
b)	Nature of the transaction	Grant of options	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		1.1p	50,000,000
d)	Aggregated information - Aggregated volume - Price	Single transaction as in 4c) above	
e)	Date of the transaction	24 October 2024	

f)	Place of the transaction	Outside a trading venue	
1	Details of the person discharging managerial responsibilities/person closely associated		
a)	Name	Ben Brier	
2	Reason for the notification		
a)	Position/status	Executive Director	
b)	Initial notification/ Amendment	Initial notification	
3	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Powerhouse Energy Group plc	
b)	LEI	213800MY7XIYS2BSC163	
4	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument  Identification code	Options over Ordinary Shares of 0.5p each  GB00B4WQVY43	
b)	Nature of the transaction	Grant of options	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		1.1p	40,000,000
d)	Aggregated information - Aggregated volume - Price	Single transaction as in 4c) above	
e)	Date of the transaction	24 October 2024	
f)	Place of the transaction	Outside a trading venue	

1	Details of the person discharging managerial responsibilities/person closely associated		
a)	Name	Anthony Gale	
2	Reason for the notification		
a)	Position/status	Non-Executive Director	
b)	Initial notification/ Amendment	Initial notification	
3	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Powerhouse Energy Group plc	
b)	LEI	213800MY7XIYS2BSC163	
4	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument  Identification code	Options over Ordinary Shares of 0.5p each  GB00B4WQVY43	
b)	Nature of the transaction	Grant of options	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		1.1p	12,000,000
d)	Aggregated information - Aggregated volume - Price	Single transaction as in 4c) above	
e)	Date of the transaction	24 October 2024	
f)	Place of the transaction	Outside a trading venue	

1	Details of the person discharging managerial responsibilities/person closely associated		
a)	Name	Hugh McAlister	
2	Reason for the notification		
a)	Position/status	Non-Executive Director	
b)	Initial notification/ Amendment	Initial notification	
3	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		

a)	Name	Powerhouse Energy Group plc	
b)	LEI	213800MY7XIYS2BSC163	
4	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument  Identification code	Options over Ordinary Shares of 0.5p each  GB00B4WQVY43	
b)	Nature of the transaction	Grant of options	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		1.1p	12,000,000
d)	Aggregated information - Aggregated volume - Price	Single transaction as in 4c) above	
e)	Date of the transaction	24 October 2024	
f)	Place of the transaction	Outside a trading venue	

1	Details of the person discharging managerial responsibilities/person closely associated		
a)	Name	Karol Kacprzak	
2	Reason for the notification		
a)	Position/status	Non-Executive Director	
b)	Initial notification/ Amendment	Initial notification	
3	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor		
a)	Name	Powerhouse Energy Group plc	
b)	LEI	213800MY7XIYS2BSC163	
4	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument  Identification code	Options over Ordinary Shares of 0.5p each  GB00B4WQVY43	
b)	Nature of the transaction	Grant of options	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		1.1p	12,000,000
d)	Aggregated information - Aggregated volume - Price	Single transaction as in 4c) above	
e)	Date of the transaction	24 October 2024	
f)	Place of the transaction	Outside a trading venue	

1	Details of the person discharging managerial responsibilities/person closely associated	
a)	Name	Rose Herbert
2	Reason for the notification	
a)	Position/status	Company Secretary
b)	Initial notification/ Amendment	Initial notification
3	Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor	
a)	Name	Powerhouse Energy Group plc
b)	LEI	213800MY7XIYS2BSC163
4	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted	
a)	Description of the financial instrument, type of instrument  Identification code	Options over Ordinary Shares of 0.5p each

		GB00B4WQVY43	
b)	Nature of the transaction	Grant of options	
c)	Price(s) and volume(s)	<b>Price(s)</b>	<b>Volume(s)</b>
		1.1p	12,000,000
d)	Aggregated information - Aggregated volume - Price	Single transaction as in 4c) above	
e)	Date of the transaction	24 October 2024	
f)	Place of the transaction	Outside a trading venue	

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