

## DATA OVERVIEW: BP URC PROFITS

| Category  | Amount        | Source          |
|---|---------------|-----------------|
| Replacement Cost Profits Q3 2022 (MUSD)                         | <b>8,150</b>  | Company records |
| Replacement Cost Profit Q3 2022 (MGBP)                          | <b>7,099</b>  | GW calculation  |
| Replacement Cost Profit Q4 2021- Q3 2022 (MUSD)                 | <b>26,911</b> | Company records |
| Replacement cost profit Q4 2021- Q3 2022 (MGBP)                 | <b>23,439</b> | GW calculation  |
| Average Replacement Cost Profit (Q4-Q3, 2017/18-2020/21) (MUSD) | <b>6,970</b>  | Company records |

### Estimated comparators

|  |                      |                                     |
|--|----------------------|-------------------------------------|
| Number of households paying UK average energy bills (£2,500) for the year                                    | <b>9,375,792</b>     | UK BEIS                             |
| Share of £68 billion UK govt funds needed to help people pay energy bills                                    | <b>34%</b>           | Bloomberg, Cornwall Insight         |
| UK number of heat pumps (£15,000)  | <b>1,562,632</b>     | The Guardian                        |
| x years for free school meals for eligible children  | <b>27</b>            | Big Issue, House of Commons Library |
| Emergency shelter for all Pakistani households in need x times over  | <b>18</b>            | British Red Cross                   |
| Fund emergency aid for all 19 million victims of Yemen's humanitarian crisis x times over                    | <b>22</b>            | World Food Programme                |
| Share of annual cost of ensuring everyone living on the African continent can access modern energy (\$25 bn) | <b>108%</b>          | International Energy Agency         |
| Cost of paying UK annual energy bills for everyone on Universal Credit (GBP)                                 | <b>11,750</b>        | Office of National Statistics       |
| World Food Programme net funding requirement for emergency relief in Yemen (GBP)                             | <b>1,089</b>         | World Food Programme                |
| British Red Cross estimated cost of emergency shelter for all families displaced by flood in Pakistan (GBP)  | <b>1,334</b>         | British Red Cross                   |
| BP's Q4 2021 - Q3 2022 replacement cost profit minus above three expenses (GBP)                              | <b>9,267,196,621</b> |                                     |

### Notes on methodology

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| <b>UK average annual energy bills (£2,500)</b>                                   | The UK government limited the price households pay per unit of gas and electricity from 1 Oct 2022. A typical household will pay around £2,500 per year, starting in October until April 2023. | UK Prime Minister and BEIS, press release: <a href="https://www.gov.uk/government/news/government-support-for-energy-bills-begins-for-households-and-businesses#:~:text=as%20%C2%A36%2C500-,From%20today%2C%20the%20Government's%20Energy%20Price%20Guarantee%20will%20limit%20the,year%20on%20their%20energy%20bills.">https://www.gov.uk/government/news/government-support-for-energy-bills-begins-for-households-and-businesses#:~:text=as%20%C2%A36%2C500-,From%20today%2C%20the%20Government's%20Energy%20Price%20Guarantee%20will%20limit%20the,year%20on%20their%20energy%20bills.</a> |
| <b>Share of £68 billion UK govt funds needed to help people pay energy bills</b> | The UK government's May support package, covering energy bills for 2022 is estimated to cost £37 billion. The September Energy Price Guarantee is estimated to cost £31 billion in 2022.       | May Support Package 2022 cost: £37 billion, <a href="https://www.bloomberg.com/news/articles/2022-09-08/uk-sidelines-budget-watchdog-in-assessing-cost-of-energy-bailout">https://www.bloomberg.com/news/articles/2022-09-08/uk-sidelines-budget-watchdog-in-assessing-cost-of-energy-bailout</a> ;<br><br>September Energy Price Guarantee 2022 cost: £31 billion, <a href="https://www.cornwall-insight.com/energy-price-guarantee-counting-the-costs/">https://www.cornwall-insight.com/energy-price-guarantee-counting-the-costs/</a>  |

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|---|---|--|
| <b>UK free school meals</b>   | Free school meals in the UK cost £2.41 and there are 190 school days in the year. 1.9 million children are eligible for free school meals in the UK.  | Cost of FSM: <a href="https://www.bigissue.com/news/social-justice/free-school-meals-everything-you-need-to-know/">https://www.bigissue.com/news/social-justice/free-school-meals-everything-you-need-to-know/</a><br><br>Days in school year: <a href="https://commonslibrary.parliament.uk/research-briefings/sn07148/#:~:text=In%20England%2C%20ocal%20authority%20maintained,special%20or%20maintained%20nursery%20schools.">https://commonslibrary.parliament.uk/research-briefings/sn07148/#:~:text=In%20England%2C%20ocal%20authority%20maintained,special%20or%20maintained%20nursery%20schools.</a><br>Children eligible for free school meals: <a href="https://explore-education-statistics.service.gov.uk/find-statistics/school-pupils-and-their-characteristics">https://explore-education-statistics.service.gov.uk/find-statistics/school-pupils-and-their-characteristics</a> |
| <b>UK annual energy bills for everyone on Universal Credit</b>  | 4.7 million households were on Universal Credit in Feb 2022. We take £2.500 as our best estimate of the average annual household energy bill.   | UK ONS: <a href="https://www.gov.uk/government/statistics/universal-credit-statistics-29-april-2013-to-14-april-2022/universal-credit-statistics-29-april-2013-to-14-april-2022#:~:text=There%20were%204.7%20million%20households,4.2%20million)%20received%20a%20payment.">https://www.gov.uk/government/statistics/universal-credit-statistics-29-april-2013-to-14-april-2022/universal-credit-statistics-29-april-2013-to-14-april-2022#:~:text=There%20were%204.7%20million%20households,4.2%20million)%20received%20a%20payment.</a>  |
| <b>UK heat pump cost</b>  | High estimate of GBP 15,000   | The Guardian: <a href="https://www.theguardian.com/money/2021/oct/23/air-source-heat-pumps-how-the-costs-and-savings-stack-up">https://www.theguardian.com/money/2021/oct/23/air-source-heat-pumps-how-the-costs-and-savings-stack-up</a>  |
| <b>WFP Yemeni net funding requirement for emergency food relief</b>   | WFP estimates USD 1.25 billion needed between now and February 2023 with 19 million people food insecure.   | World Food Programme, Yemen Country Dashboard Sept 2022: <a href="https://api.godocs.wfp.org/api/documents/5e66b38f153b42528f2e2cd1e071793/download/?_ga=2.43910565.126277806.1666099939-1827041081.1666099939&amp;_gac=1.158257480.1666100407.Cj0KCQjwnbmaBhD-ARIsAGTPcfW_3xYk538hUdR10KCygomoNFx1FxO9R3lnTkBTv1Sv-bpinc1o8sYaAi4sFAIw_wcB">https://api.godocs.wfp.org/api/documents/5e66b38f153b42528f2e2cd1e071793/download/?_ga=2.43910565.126277806.1666099939-1827041081.1666099939&amp;_gac=1.158257480.1666100407.Cj0KCQjwnbmaBhD-ARIsAGTPcfW_3xYk538hUdR10KCygomoNFx1FxO9R3lnTkBTv1Sv-bpinc1o8sYaAi4sFAIw_wcB</a><br>Pakistan   British Red Cross:  |
| <b>British Red Cross estimated cost of emergency shelter for all families displaced by flood in Pakistan</b>        | RedCross Pakistan Flood Appeal says £335 can provide emergency shelter for one family. In total 33 million people have been displaced by the flood.<br><br>The average household/family in Pakistan has 8.92 people in it, so we estimate that 3.98 million families are in need of support | <a href="https://www.redcross.org.uk/about-us/what-we-do/international/pakistan#:~:text=Help%20us%20meet%20people%27s%20most,items%20such%20as%20life%20jackets.">https://www.redcross.org.uk/about-us/what-we-do/international/pakistan#:~:text=Help%20us%20meet%20people%27s%20most,items%20such%20as%20life%20jackets.</a><br><br>Pakistan household size: <a href="https://globaldatalab.org/areadata/hhsize/PAK/">https://globaldatalab.org/areadata/hhsize/PAK/</a>  |
| <b>Share of annual cost of ensuring everyone living on the African continent can access modern energy (\$25 bn)</b> | IEA Africa Energy Outlook 2022 puts the cost of providing universal access to modern energy across the entire continent at \$25 billion per year. 600 million people, or 43% of the total population, lack access to electricity. 970 million Africans lack access to clean cooking.        | <a href="https://www.iea.org/reports/africa-energy-outlook-2022/key-findings">https://www.iea.org/reports/africa-energy-outlook-2022/key-findings</a>  |
| <b>Currency conversion</b>  | 31 Dec 18: 1 USD = 0.7836862284913734 GBP<br>31 Oct 22: 1 USD = 0.781<br>31 Dec 19: 1 USD = 0.753720593759877 GBP<br>31 Dec 20: 1 USD = 0.731897038699681 GBP<br>31 Dec 21: 1 USD = 0.738779975447519 GBP<br>26 Oct 22: 1 USD = 0.872 GBP<br>31 Oct 22: 1 USD = 0.871 GBP                   | Historical exchange rates drawn from xe.com  |