

# **THE RENEWABLE ENERGY FOUNDATION**

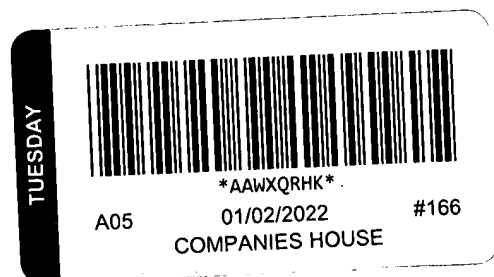
(A Company Limited By Guarantee)

## **Report of the Trustees and Consolidated Financial Statements**

**for the year ended 30 April 2021**

Company no. 5222782

Charity no. 1107360



**The Renewable Energy Foundation**  
**Index to the Consolidated Financial Statements**  
**For the year ended 30 April 2021**

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	<b>Page</b>
<b>Legal and Administrative Details</b>	<b>1</b>
<b>Report of the Trustees</b>	<b>2 to 4</b>
<b>Independent Examiner's Report</b>	<b>5</b>
<b>Consolidated Statement of Financial Activities</b>	<b>6</b>
<b>Consolidated and Charity Balance Sheets</b>	<b>7</b>
<b>Notes to the Consolidated Financial Statements</b>	<b>8 to 13</b>

**The Renewable Energy Foundation**

**Legal and Administrative Details**

**For the year ended 30 April 2021**

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<b>Status</b>	The organisation is a company limited by guarantee, incorporated on 6 September 2004
<b>Company number</b>	5222782
<b>Charity number</b>	1107360
<b>Registered office and operational office</b>	The Loose Boxes Phillips Lane Stratford-sub-Castle Salisbury SP1 3YR
<b>Trustees</b>	Dr C Bell - resigned 29 June 2021 C J Davie Prof. M Kelly The Hon. A H Joicey - appointed 5 July 2021
<b>Company secretary</b>	C J Davie
<b>Director of Operations</b>	Dr John Constable
<b>Bankers</b>	CAF Bank 25 Kings Hill Avenue Kings Hill West Malling Kent ME19 4JQ
<b>Independent examiner</b>	S J L Ellingham FCA DChA Fawcetts LLP Windover House St Ann Street Salisbury SP1 2DR
<b>Accountant</b>	Mandy Kerley Accountancy and Taxation Services The Loose Boxes Phillips Lane Stratford-sub-Castle Salisbury SP1 3YR

## **The Renewable Energy Foundation**

### **Report of the Trustees**

**For the year ended 30 April 2021**

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The trustees (who are also directors of the company for the purposes of company law) present their report and the independently examined financial statements for the year ended 30 April 2021. The Trustees have adopted the provisions of the Statement of Recommended Practice (SORP) 'Accounting and Reporting by Charities' (FRS 102) in preparing the annual report and financial statements of the charity.

Legal and administrative information set out on page 1 forms part of this report.

#### **STRUCTURE, GOVERNANCE AND MANAGEMENT**

##### **Governing document**

The Renewable Energy Foundation is a company limited by guarantee governed by its Memorandum and Articles of Association dated 20 August 2004, amended to adopt its current charitable objectives on 12 March 2010. It is registered as a charity with the Charity Commission. The Articles of Association make provision for the Directors (Trustees) to make such reasonable and proper rules or bye-laws as they deem necessary or expedient for the proper conduct and management of the charity.

##### **The directors**

The directors, who are also trustees under charity law, who served during the year and up to the date of this report were as follows:

Dr C Bell - resigned 29 June 2021

C J Davie

Prof. M Kelly - Chairman

The Hon. A H Joicey - appointed 5 July 2021

Members of the Foundation guarantee to contribute an amount not exceeding £10 to the assets of the Foundation in the event of winding up. The total number of such guarantees at 30 April 2021 was 3 (2020 - 3).

##### **Organisational structure**

The Trustees administer the charity. The Board is supported by the Director, with overall responsibility on all operational matters, including finance and staff, who reports to the Board.

##### **Related parties**

Renewable Energy Forum Limited is a wholly-owned subsidiary of the company which raises funds for the charity by means of commercial consultancy across the energy sector. Mr Colin Davie, Dr John Constable and Dr Lee Moroney are the Directors of Renewable Energy Forum Ltd.

##### **Risk Assessment**

The Trustees have continued to focus on the management of financial risk, the charity being small, of relatively recent origin and with limited funds. Non-financial risk is now being addressed, though the small number of employees involved means that the resources for doing so are limited, whilst the scope of risk at issue is commensurately small. Other areas of risk management, including remodelling Trustee controls on the charity's activities have been identified for future consideration.

Continued on page 3

**The Renewable Energy Foundation**  
**Report of the Trustees**  
**For the year ended 30 April 2021**

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Continued from page 2

**OBJECTIVES AND ACTIVITIES**

The objects clause of the charity is:

"To promote sustainable development for the benefit of the public by:

- a) the preservation, conservation, and the protection of the environment and the prudent use of resources, including, in particular, the use of renewable energy;
- b) the promotion of sustainable means of achieving economic growth and regeneration.

To advance the education of the public in subjects relating to sustainable development and the protection, enhancement and rehabilitation of the environment and to promote the study and research in such subjects provided that the useful results of such study are disseminated to the public at large".

Sustainable development means "development which meets the needs of the present without compromising the ability of future generations to meet their own needs".

**ACHIEVEMENTS AND PERFORMANCE**

Dr John Constable, as Director of REF, continues to lead the research side with the close collaboration of Dr Lee Moroney, to produce the data and analysis for which REF is known and upon which our reputation is founded.

During the year the charity continued to focus on the collation and electronic publication of renewables and wider energy sector data, which seeks to produce public benefit via the publication and dissemination of information within the scope of our charitable objectives. The REF online datasets are still without peer in the renewable energy sector, and the six main subject areas have, once again, been greatly enhanced over the year. The six areas are:

- 1 A dataset giving aggregated renewable electricity generation statistics for the UK since 2002, broken down by technology and country and subsidy type.
- 2 A dataset giving monthly or annual generation for 16,000 renewable generators, of which 6,800 were active at the year end.
- 3 A dataset tracking renewable electricity projects in the planning system, using UK government data. The set not only records the capacities (GW) that are Operational, Under Construction, Awaiting Construction and Submitted to Planning, but also calculates probable output from these capacities and thus estimates progress towards meeting the 2020 Renewables Directive target. As far as we are aware this database is now unique in allowing the user to survey the history of UK renewables as visible in the planning system. In the present year we have added data relating to applications and consents for Battery Energy Storage Systems.
- 4 Wind Constraint Payments. This dataset continues to be an intense topic of interest, and over the year has been used extensively by media and the public particularly in relation to the performance of the new Western Link interconnector, which was built to alleviate constraint payments.
- 5 GB Electricity Generation Fuel Mix, by half hour from 2009 to the present day. The data is available in tabular form, in various different breakdowns, daily, monthly and yearly, and can be graphed online. Various upgrades have been made to the dataset, improving its usability.
- 6 A comprehensive listing of the Feed-In Tariff registered renewable electricity generators.

All these datasets have advanced user search interfaces that enable the reader to seek and locate data relating to specific topics.

In addition to the online energy data, REF continues to expand and enhance its in-house database of historic energy data including publicly available data related to the GB Balancing Mechanism, half-hourly electricity generation by the largest generators and energy flows across key international and internal interconnectors. This data provides useful context enabling REF to understand how the UK energy sector is evolving with time. Consequently, REF continues to be a very prominent source of information for journalists and the media, and we are regularly invited to contribute information or to speak in the United Kingdom.

Continued on page 4

**The Renewable Energy Foundation**

**Report of the Trustees**

**For the year ended 30 April 2021**

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Continued from page 3

REF continues to publish research articles grounded in the data we collect and published on the Foundation's website, some achieving considerable prominence in public debate. In September we released a comment on subsidies to small wind turbines in Northern Ireland, using REF's databases as evidence, a story that was covered in the popular press and resulted in Professor Gordon Hughes of the University of Edinburgh developing our data and observations in written and oral evidence to the Public Accounts Committee of the Northern Ireland Assembly.

The highlight of our year was the publication in November of Professor Hughes' extended, book-length, econometric study of the capital and operating costs of wind power in the United Kingdom and Denmark. This work updates and extends earlier work also grounded in REF's data. The studies were launched with a webinar, and the documents made freely available online. This work led to requests for a summary to be published in the *National Review* in the United States, and another to be translated into Japanese and published by the Canon Institute of Global Studies in Tokyo.

**Public benefit**

The directors have given due regard to the Charity Commission's guidance [PB3] on reporting public benefit when planning the charity's activities.

**FINANCIAL REVIEW AND FUTURE PLANS**

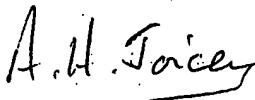
REF now runs a virtual office meaning that the charity achieves a great deal with very modest means, implying a high level of productivity. Our decision has meant that we have not been deeply affected by the viral pandemic, since both Dr Constable and Dr Moroney work from home in any case. However, talks, meetings and live media interviews have been necessarily curtailed. Although funding has improved over the last years, economic circumstances are still tight, and the charity will continue with its program of financially conservative management. The charity will continue to secure funding from charitable grants and foundations and by arranging the provision of appropriate commercial services through Renewable Energy Forum Limited.

REF is still pursuing contacts with potential donors, prospects for which have improved significantly. A number of significant donations have been made, with some donors undertaking a rolling commitment for three years.

**Reserves policy**

The charity has had little time to assemble formal reserves. It has however, as a policy, the aim of keeping a fund of at least 6 months of operating costs held in reserve.

Approved by the trustees on 26 January 2022, and signed on their behalf by



The Hon. A H Joicey - Trustee

**Independent Examiner's Report**  
**To the Trustees of**  
**The Renewable Energy Foundation**

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I report to the charity trustees on my examination of the accounts of the company for the year ended 30 April 2021 which are set out on pages 6 to 13.

**Responsibilities and basis of report**

As the charity trustees of the company (and also its directors for the purposes of company law) you are responsible for the preparation of the accounts in accordance with the requirements of the Companies Act 2006 ('the 2006 Act').


Having satisfied myself that the accounts of the company are not required to be audited under Part 16 of the 2006 Act and are eligible for independent examination, I report in respect of my examination of your company's accounts as carried out under section 145 of the Charities Act 2011 ('the 2011 Act'). In carrying out my examination I have followed the directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

**Independent examiner's statement**

I have completed my examination. I confirm that no matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

- 1 accounting records were not kept in respect of the company as required by section 386 of the 2006 Act; or
- 2 the accounts do not accord with those records; or
- 3 the accounts do not comply with the accounting requirements of section 396 of the 2006 Act other than any requirement that the accounts give a 'true and fair view' which is not a matter considered as part of an independent examination; or
- 4 the accounts have not been prepared in accordance with the methods and principles of the Statement of Recommended Practice for accounting and reporting by charities [applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102)].

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

  
Simon Ellingham FCA DChA  
for and on behalf of Fawcetts LLP  
Windover House  
St Ann Street  
Salisbury  
SP1 2DR

Dated: 31 January 2022

**The Renewable Energy Foundation**  
**Consolidated Statement of Financial Activities**  
**(including Summary Income and Expenditure Account)**  
**For the year ended 30 April 2021**

		Unrestricted funds	
		2021	2020
		Total	Total
	Note	£	£
<b>Income and endowments from:</b>			
<b>Voluntary Income</b>			
Donations and grants	5	72,551	76,873
<b>Activities for generating funds</b>			
Trading income	6	-	1,208
Fundraising events		-	-
Investment income	7	5	7
		<u>72,556</u>	<u>78,088</u>
<b>Total income and endowments</b>			
<b>Expenditure on:</b>			
<b>Costs of generating funds:</b>			
Trading costs of the subsidiary	6	552	631
Raising funds		-	1,253
<b>Charitable activities:</b>			
Direct costs of the Foundation	9	52,768	69,109
		<u>53,320</u>	<u>70,993</u>
<b>Total expenditure</b>			
	8	<u>53,320</u>	<u>70,993</u>
<b>Net income/(expenditure)/net movement in funds</b>			
		<u>19,236</u>	<u>7,095</u>
<b>Reconciliation of funds:</b>			
Total funds at 1 May 2020		23,156	16,061
		<u>42,392</u>	<u>23,156</u>
<b>Total funds at 30 April 2021</b>			

All of the above results are derived from continuing activities. There were no other recognised gains or losses other than those stated above.

The financial activities set out above are those of the group. The Foundation's surplus for the year of £19,788 (2020: £6,518) is included.



**The Renewable Energy Foundation**  
**Consolidated and Charity Balance Sheets**

**As at 30 April 2021**

		Group		Charity	
	Note	2021 £	2020 £	2021 £	2020 £
<b>Fixed assets</b>					
Tangible fixed assets	11	-	-	-	-
Investments	12	-	-	2	2
				2	2
<b>Current assets</b>					
Debtors	13	1,251	-	1,251	-
Cash at bank and in hand		47,644	30,104	47,052	28,817
		48,895	30,104	48,303	28,817
<b>Creditors: amounts due within one year</b>	14	6,503	6,948	33,696	33,648
<b>Net current assets/(liabilities)</b>		42,392	23,156	14,607	( 4,831)
<b>Net assets/(liabilities)</b>		42,392	23,156	14,609	( 4,829)
<b>Funds</b>					
Unrestricted funds:	15	42,392	23,156	14,609	( 4,829)
<b>Total funds</b>	16	42,392	23,156	14,609	( 4,829)

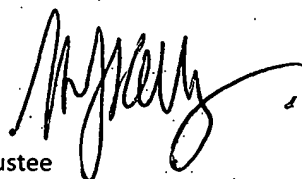
For the financial year in question the company was entitled to exemption under Section 477 of the Companies Act 2006 relating to small companies.

No members have required the company to obtain an audit of its accounts for the year in question in accordance with Section 476 of the Companies Act 2006.

The directors acknowledge their responsibility for complying with the requirements of the Act with respect to accounting records and for the preparation of accounts.

These accounts have been prepared in accordance with the provisions applicable to companies subject to the small companies' regime.

The financial statements were approved and authorised for issue by the Board of Trustees on 21 January 2022 and were signed on its behalf by:



Prof Michael Kelly - Trustee

**The Renewable Energy Foundation**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 April 2021**

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**Basis of preparation**

The charity constitutes a public benefit entity as defined by FRS102. The financial statements have been prepared in accordance with Accounting and Reporting by Charities SORP 2019 (FRS 102), the Financial Reporting Standard applicable to the UK and Republic of Ireland (FRS102 - effective 1 January 2019), the Charities Act 2011 and the Companies Act 2006.

The charity does not meet the definition of a larger charity under the Charity SORP and is therefore exempt from the requirement to prepare a cash flow statement.

The significant accounting policies applied in preparation of these financial statements are set out below. These policies have been consistently applied to all years presented unless otherwise stated.

The financial statements have been prepared on a going concern basis and are presented in Sterling (£) which is the functional currency of the charitable company.

**1. Accounting policies**

- a) Voluntary income is received by way of donations and gifts and is included in full in the statement of financial activities when receivable. Where services or facilities that would normally be purchased from suppliers are provided to the Foundation as a donation, this contribution is included in the financial statements at an estimate based on the value of the contribution to the Foundation. Volunteer time is not included in the financial statements.
- b) The consolidated financial statements incorporate the financial statements of the Foundation and its trading subsidiary undertaking. A separate statement of financial activities for the Foundation itself is not presented because the Foundation has taken advantage of the exemptions afforded by the Charities SORP 2014.
- c) Grants are recognised in full in the statement of financial activities in the year in which they are receivable, unless there are donor-imposed restrictions on the timing of the expenditure to a future period in which case they are deferred. Income is only deferred when the donor specifies that the grant or donation must only be used in future accounting periods or when the donor has imposed conditions which must be met before the Foundation has unconditional entitlement.
- d) Grants for the purchase of fixed assets are credited to restricted incoming resources when receivable. Depreciation of fixed assets purchased with such grants is charged against the restricted fund. Where a fixed asset is donated to the Foundation for its own use, it is treated in a similar way to a restricted grant.
- e) Resources expended are recognised in the period in which they are incurred. Resources expended include attributable VAT which cannot be recovered.
- f) The costs of generating funds relate to the costs incurred by the Foundation in raising funds for the charitable work.
- g) Management and administration costs include the management of the Foundation's assets and organisational management.
- h) Expenditure on fixed assets is capitalised except for expenditure incurred on the replacement of assets of low value with a short life. Repair, renovation and replacement expenditure is written off as expenditure in the statement of financial activities. The cost of fixed assets is their purchase cost, together with any incidental costs of acquisition.

Depreciation is provided at rates calculated to write down the cost of each asset to its estimated residual value over its expected useful life. The depreciation rates in use are as follows:

Fixtures and fittings	33% straight line basis
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- i) Work in progress is valued at the lower of cost and net realisable value. Cost includes all direct expenditure and an appropriate proportion of fixed and variable overheads.
- j) Restricted funds are to be used for specific purposes as laid down by the donor. Expenditure which meets these criteria is charged to the fund together with a fair allocation of management and support costs.

**The Renewable Energy Foundation**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 April 2021**

- k) Unrestricted funds are donations and other incoming resources receivable or generated for the general objects of the Foundation.
- l) Designated funds are unrestricted funds earmarked by the trustees for particular purposes.
- m) Rentals payable under operating leases, where substantially all the risks and rewards of ownership remain with the lessor, are charged to the statement of financial activities in the year in which they fall due.
- n) Governance costs include all expenditure which is not directly related to the charitable activity. This includes accountants' fees, auditors' remuneration and directors' indemnity insurance.
- o) Debtors are measured at their recoverable amount
- p) Creditors and provisions are recognised where the charitable company has a present obligation resulting from a past event that will probably result in the transfer of funds to a third party and the amount due to settle the obligation can be measured or estimated reliably. Creditors and provisions are normally recognised at their settlement amount after allowing for any trade discounts due.

**2. Net outgoing resources for the year**

This is stated after charging:

	2021 £	2020 £
Depreciation	-	-
Independent examiner's fees	1,080	1,032
	<u>          </u>	<u>          </u>

**3. Staff costs and numbers**

Staff costs were as follows:

	2021 £	2020 £
Salaries and wages	-	-
Social security costs	-	-
	<u>          </u>	<u>          </u>
	<u>          </u>	<u>          </u>

None of the trustees, nor persons connected with them, received any emoluments or expenses during the year.

Key management personnel are not remunerated.

No employee earned more than £60,000 during the year (2020 - nil).

The average weekly number of employees (full-time equivalent) during the year was as follows:

	2021 No.	2020 No.
Management and administration	-	-
	<u>          </u>	<u>          </u>

**4. Taxation**

The Foundation is exempt from corporation tax as all its income is charitable and is applied for charitable purposes.

**The Renewable Energy Foundation**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 April 2021**

**5. Incoming resources from generated funds**

	2021 £	2020 £
<b>Voluntary income</b>		
Donations	71,932	76,383
CAF - Give as you earn funds	619	490
Subscriptions	-	-
	<u>72,551</u>	<u>76,873</u>

**6. Trading income**

The commercial consultancy activities of the Foundation are carried out by a separate company, Renewable Energy Forum Limited, a company registered in England, registration number 03939422. The Foundation owns all the shares in the company. Its trading results, extracted from its accounts were:

	2021 £	2020 £
Turnover	-	1,208
Cost of sales	-	-
Gross profit	-	1,208
Administrative expenses	552	631
	(552)	577
Other operating income	-	-
Operating profit/(loss)	(552)	577
Charitable donations	-	-
Net profit/(loss) for the financial year	<u>(552)</u>	<u>577</u>
 Extract from Balance Sheet as at 30 April 2021:		
Fixed assets	-	-
Net current assets	27,436	27,988
Net assets	<u>27,436</u>	<u>27,988</u>

**7. Investment income**

	2021 £	2020 £
Bank deposit interest	<u>5</u>	<u>7</u>

**The Renewable Energy Foundation**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 April 2021**

**8. Analysis of total resources expended**

	Note	Staff costs £	Support Costs £	Depreciation £	Total £	2020 £
<b>Charitable activities</b>						
Direct costs of the Foundation	9	-	52,768	-	52,768	69,109
<b>Costs of generating funds</b>						
Trading costs of the subsidiary		-	552	-	552	631
Fundraising trading		-	-	-	-	1253
		<u>-</u>	<u>53,320</u>	<u>-</u>	<u>53,320</u>	<u>70,993</u>

**9. Direct costs of the Foundation**

	2021 £	2020 £
Insurance	90	1,087
Travel expenses	-	5,236
Bookkeeping	1,301	2,303
Accountancy	1,030	960
Telephone	1,103	1,269
Postage and stationery	570	97
Other office costs	-	52
Research expenses	47,300	51,801
Consultancy fees	-	5,000
Bank charges	294	272
Depreciation	-	-
Governance costs	1,080	1,032
	<u>52,768</u>	<u>69,109</u>

**10. Governance costs**

	2021 £	2020 £
Independent examiner's fees	1,080	1,032
	<u>1,080</u>	<u>1,032</u>

**The Renewable Energy Foundation**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 April 2021**

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**11. Tangible fixed assets**

	<b>Group</b> Fixtures and fittings £	<b>Charity</b> Fixtures and fittings £
<b>Cost</b>		
At 1 May 2020	2,570	2,570
Additions	-	-
Disposals	-	-
At 30 April 2021	<u>2,570</u>	<u>2,570</u>
<b>Depreciation</b>		
At 1 May 2020	2,570	2,570
Charge for the year	-	-
Disposals	-	-
At 30 April 2021	<u>2,570</u>	<u>2,570</u>
<b>Net book value</b>		
At 30 April 2021	<u>-</u>	<u>-</u>
At 30 April 2020	<u>-</u>	<u>-</u>

**12. Investments**

	<b>Group</b> Shares in group undertakings	<b>Charity</b> Shares in group undertakings £
<b>Cost</b>		
At 1 May 2020 and at 30 April 2021	<u>-</u>	<u>2</u>
<b>Net book value</b>		
At 30 April 2021	<u>-</u>	<u>2</u>
At 30 April 2020	<u>-</u>	<u>2</u>

**The Renewable Energy Foundation**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 April 2021**

**13. Debtors**

	<b>Group</b>		<b>Charity</b>	
	2021	2020	2021	2020
	£	£	£	£
Amounts owed by group undertakings	-	-	-	-
Other debtors	1,251	-	1,251	-
	<u>1,251</u>	<u>-</u>	<u>1,251</u>	<u>-</u>

**14. Creditors: amounts due within one year**

	<b>Group</b>		<b>Charity</b>	
	2021	2020	2021	2020
	£	£	£	£
Trade creditors	173	523	523	523
Amounts owed to group undertakings	-	-	31,093	31,093
Other creditors	3,790	3,832	40	40
Accruals and deferred income	2,540	2,593	2,040	1,992
	<u>6,503</u>	<u>6,948</u>	<u>33,696</u>	<u>33,648</u>

**15. Unrestricted funds**

**General reserve fund**

This represents funds which have been accumulated for the general purposes of the Foundation.

**16. Analysis of net assets between funds**

	<b>Fixed assets</b>	<b>Net current assets</b>	<b>Total</b>
	£	£	£
Unrestricted funds: general reserve fund	-	42,392	42,392
<b>Net assets at the end of the year</b>	<u>-</u>	<u>42,392</u>	<u>42,392</u>
<b>Net assets at 30 April 2020</b>	<u>-</u>	<u>23,156</u>	<u>23,156</u>

**17. Status**

The Foundation is limited by guarantee and has no share capital.

**18. Comparative for the Statement of Financial Activities**

The comparative year values on the Statement of Financial Activities are for unrestricted funds.

**19. Related Party Transactions**

The company has taken advantage of exemption, under the terms of Financial Reporting Standard 102 'The Financial Reporting Standard applicable in the UK and Republic of Ireland', not to disclose related party transactions with wholly owned subsidiaries within the group.