

# **BRYT ENERGY SECR REPORT 2020**

## **Company Information**

Statkraft Pure Energy Limited has two 100% owned subsidiary companies - Bryt Energy Limited and Bryt Energy Storage Limited, all registered in the UK at 1 Victoria Square, Birmingham, England, B1 1BD. Bryt Energy is the public facing brand.

## **Reporting Period**

The reporting period that this submission covers is 1st January 2020 to 31st December 2020.

## **Reporting Methodology**

We have used data that was collected to calculate our carbon footprint, this data was verified by EcoAct using the internationally recognised ISO 14064-3 standard. We have used the 2020 UK Government Conversion Factors for Company Reporting.

## **Organisational Boundary**

We have used the financial control approach, covering the operations of our two offices in Birmingham and Sheffield.

## **Operational Scopes**

We have measured our Scope 1 and 2 emissions and also included Scope 3 emissions related to employee use of their own vehicles, where they claim mileage allowance. Additionally, under Scope 3 we have voluntarily reported on emissions from employee business travel (taxis, trains, and planes), waste disposal, emissions from supply and treatment of water, and wider emissions from the use of gas and electricity.

In 2020 for the first time, we are reporting on emissions from hotel stays, staff commuting and working from home. Not all of this data is required to be disclosed in this report, but as it has been collated for the Bryt Energy Carbon Footprint it seemed correct to include it.

Mandatory information		Current reporting year 2020 (2019 figures are in brackets)		
		Total annual consumption in kWh	Total annual emissions in tonnes CO <sub>2</sub> e	Total annual emissions in Scope in tonnes CO <sub>2</sub> e
Total annual energy consumption used to calculate emissions in this report in kWh		78,622kWh (78,613kWh)	-	-
Scope 1	Gas consumption (Scope 1).	40,662kWh (45,031kWh)	7.35 (8.23)	7.35 (8.23)
	Combustion of fuel for transport purposes (Scope 1).	n/a -	n/a - Bryt Energy do not own any vehicles	
Scope 2	Electricity consumption - Location Based Factor (Scope 2).	37,960 kWh (33,582kWh)	8.85 (8.58)	8.85 (8.58)
Scope 3	Emissions from business travel in rental cars or employee-owned vehicles where company is responsible for purchasing the fuel (Scope 3).	-	1.94 (28.31)	2.45 (32.60)
	Emissions from employee business travel for which the company does not own or control (Scope 3). Trains, taxis, and flights	-	0.51 (4.31)	
Total gross Co <sub>2</sub> e based on above Mandatory data			18.65 (49.43)	

Voluntary Information		Total annual emissions in tonnes CO <sub>2</sub> e	Total annual emissions in Scope in tonnes CO <sub>2</sub> e
Scope 2	Emissions from purchased electricity - Market-Based Factor (Scope 2)	0 (1.52)	0 (1.52)
Scope 3	Emissions from disposal of waste generated in operations for which the company does not own or control (Scope 3) (incineration and recycling)	0.11 (0.07)	

	Emissions from electricity related to extraction, production, and transportation of fuels consumed in the generation of electricity for which the company does not own or control (Scope 3)	0 (1.30)	34.00 (3.41)
	Emissions from generation of electricity that is consumed in a transmission and distribution system for which the company does not own or control (Scope 3)	0 (0.73)	
	Emissions from gas related to extraction, production, and transportation of fuels consumed for which the company does not own or control in tCO <sub>2</sub> e (Scope 3) [additional data not required under SECR but captured in our Carbon Footprint]	0.96 (1.07)	
	Emissions from the supply and treatment of water used in operations (Scope 3) (additional data not required under SECR but captured in our Carbon Footprint)	0.13 (0.24)	
	Emissions from staff Working from Home (additional data not required under SECR but captured in our Carbon Footprint)	19.37 (no data)	
	Emissions from staff commuting (additional data not required under SECR but captured in our Carbon Footprint)	13.27 (no data)	
	Emissions from staff hotel use (additional data not required under SECR but captured in our Carbon Footprint)	0.16 (no data)	

Data summary	
Total gross Scope 1, Scope 2 [Location Based] & Scope 3 emissions / tCO <sub>2</sub> e	52.65 (52.83)
Total gross Scope 1, Scope 2 [Market Based] & Scope 3 emissions / tCO <sub>2</sub> e	43.80 (45.77)
Intensity ratio (Market Based)	22kg of CO <sub>2</sub> e emitted for every GWh of electricity supplied to our customers (32kg)
	68kg of CO <sub>2</sub> e emitted for each m <sup>2</sup> of office space that we occupy (100kg)
	197kg of CO <sub>2</sub> e emitted for each Million pound of turnover (479kg)
	602kg of CO <sub>2</sub> e emitted for each Full Time Employee (803kg)

## Intensity Ratio

Four carbon intensity metrics have been selected to reflect future changes in our carbon Emissions and energy consumption, whilst also reflecting changes in our productivity as the company grows.

The four intensity ratios chosen are kgCO<sub>2</sub>e per:

- GWh of electricity supplied to our customers
- M<sup>2</sup> of office space that we occupy
- Million pounds of turnover
- Full Time Employees

## Carbon Offsets

The total volume of carbon offsets purchased was 50 tCO<sub>2</sub>e – making us Carbon Neutral. Through EcoAct, we have purchased carbon credits supporting the Bokhol Solar Project, Senegal. The project is certified under the Verified Carbon Standard, and CDM validated by TUV Nord.

## Energy Efficiency Actions

No physical energy efficiency action was taken in 2020 due to the impact of the COVID 19 pandemic. However, a number of new policies were implemented to reduce emissions from business travel.

## Verification

We have used data that was collected to calculate our 2020 carbon footprint, this data was verified by EcoAct using the internationally recognised ISO 14064-3 standard.