



BUYING COMMUNITY-OWNED RENEWABLE ENERGY

TODAY, MORE AND MORE ORGANISATIONS ARE SWITCHING TO RENEWABLE ENERGY TO TAKE ACTION ON CLIMATE CHANGE. BUYING COMMUNITY-OWNED RENEWABLE ENERGY RECOGNISES THE NEED TO ACT ON BROADER SOCIAL & ENVIRONMENTAL ISSUES TO MEET ESG OBJECTIVES AND DELIVER A SOCIAL RETURN ON INVESTMENT.

1

ENERGY PRICING IS A COMPLEX BUSINESS. WE EXPLAIN THE TWO KEY PARTS TO YOUR BILL AND WHERE YOUR MONEY GOES...



ENERGY PRICES EXPLAINED

WHAT DO WE PAY FOR OUR ENERGY... AND WHAT DO WE GET IN RETURN? ENERGY PRICING IS A COMPLEX BUSINESS WITH MULTIPLE VARIABLES AND HIDDEN COSTS. ENERGY PRICES ARE NOTORIOUSLY VOLATILE WITH THE NON-COMMODITY COST ELEMENT REPRESENTING AN EVER DECREASING PROPORTION OF YOUR ENERGY BILL.

THERE ARE TWO MAIN PARTS TO YOUR ENERGY BILL: COMMODITY COSTS & NON-COMMODITY COSTS

1 COMMODITY COST

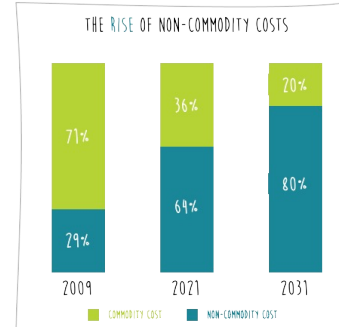
- THE ACTUAL COST OF THE ENERGY CONSUMED
- THIS IS WHAT THE GENERATOR (I.E. ENERGY GARDEN) RECEIVES

THE COMMODITY COST (PER KWH) VARIES BASED ON MULTIPLE FACTORS INCLUDING TOTAL CONSUMPTION & LENGTH OF CONTRACT.

2 NON-COMMODITY COSTS

- SYSTEM & NETWORK CHARGES
- TRANSMISSION NETWORK COSTS
- DISTRIBUTION NETWORK COSTS
- GRID BALANCING SERVICES
- TAXES, LEVIES & SUBSIDIES
- FEED-IN TARIFF
- CONTRACTS FOR DIFFERENCE
- CLIMATE CHANGE LEVY
- FBT

NON-COMMODITY COSTS CURRENTLY ACCOUNT FOR AROUND 60% OF YOUR BILL AND ARE EXPECTED TO INCREASE OVER TIME



ENERGY GARDEN CAN SUPPLY YOUR ORGANISATION WITH CLEAN, GREEN, COMMUNITY-OWNED RENEWABLE ENERGY USING A CORPORATE POWER PURCHASE AGREEMENT (CPPA). OUR PRICES ARE HIGHLY COMPETITIVE, WITH COMMODITY COST (PRICE PER KWH) EITHER MATCHED AGAINST MARKET RATES OR DISCOUNTED. OUR PPA ALSO INCLUDES AN OPTIONAL SOCIAL PREMIUM TO PROVIDE FURTHER SUPPORT FOR OUR SOCIAL & ENVIRONMENTAL INITIATIVES.

ENERGY GARDEN IS COMMUNITY BENEFIT SOCIETY REGISTRATION #7346 FOR MORE INFORMATION CONTACT: INFO@ENERGYGARDEN.ORG.UK

2

ENERGY IS SOLD VIA A POWER PURCHASE AGREEMENT. WE SHOW HOW THIS WORKS FOR ONSITE CONSUMPTION AND ENERGY EXPORT...



OUR POWER PURCHASE AGREEMENTS (PPA)

ALL ENERGY GENERATED BY OUR COMMUNITY-OWNED SYSTEMS IS SOLD VIA TWO SEPARATE POWER PURCHASE AGREEMENTS FOR ONSITE CONSUMPTION AND ENERGY EXPORT. BOTH AGREEMENTS CAN INCLUDE AN OPTIONAL SOCIAL PREMIUM TO PROVIDE FURTHER SUPPORT FOR OUR SOCIAL AND ENVIRONMENTAL IMPACTS.

OUR SYSTEMS OFTEN GENERATE MORE ENERGY THAN NEEDED ONSITE AND ANY EXCESS ENERGY MUST BE EXPORTED VIA A SEPARATE PPA. FOR BOTH ONSITE & OFFSITE CUSTOMERS, SUPPLY CONTRACTS ARE NEEDED TO MEET ADDITIONAL DEMAND AND ENSURE CONTINUOUS SUPPLY 24 HOURS X 365 DAYS A YEAR

1 ONSITE PPA

- FOR A TYPICAL PROJECT, AT LEAST 50% OF THE ENERGY GENERATED WILL BE CONSUMED ONSITE
- ANY ONSITE CONSUMPTION IS "BEHIND THE METER" THIS MEANS THERE ARE NO NON-COMMODITY COSTS TO PAY (EXCEPT FBTT)

WE SUPPLY 50 - 100% OF ONSITE DEMAND, REDUCING THE AMOUNT PURCHASED FROM YOUR SUPPLIER AND AVOIDING NON-COMMODITY COSTS.

2 ENERGY EXPORT PPA

- EXPORT PPA SET WITH ENERGY GARDEN AND SUPPLY COMPANY TO MEET YOUR LOCAL ANNUAL DEMAND
- SUPPLY CONTRACT SEPARATE CONTRACT WITH SUPPLY COMPANY TO SUPPLY OUR ENERGY TO YOUR OFFICES, FACTORIES & SHOPS THROUGHOUT THE YEAR

WE SUPPLY AN AGREED ANNUAL TOTAL THROUGH EXPORT PPA LINKED TO A SEPARATE SUPPLY CONTRACT WITH LICENSED ENERGY SUPPLIER



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WE SHOW HOW ENERGY REVENUES DELIVER A REASONABLE FINANCIAL RETURN AND POSITIVE SOCIAL & ENVIRONMENTAL IMPACTS!



FROM SALE OF ENERGY TO SOCIAL RETURN

WE USE THE REVENUES FROM SALE OF ENERGY + SOCIAL PREMIUM TO FUND PROGRAMMES THAT DELIVER A POSITIVE SOCIAL AND ENVIRONMENTAL IMPACT WHILST COVERING THE OPERATIONAL COSTS FOR OUR PROJECTS AND DELIVERING A REASONABLE FINANCIAL RETURN TO OUR COMMUNITY INVESTORS.

WE USE FUNDS RAISED FROM INVESTOR MEMBERS TO DEVELOP NEW COMMUNITY-OWNED SOLAR PROJECTS. BY SELLING ENERGY TO CORPORATE CUSTOMERS, WE CAN (1) COVER THE ONGOING PROJECT O&M COSTS, (2) PROVIDE A RETURN TO INVESTORS AND (3) FUND OUR SOCIAL & ENVIRONMENTAL PROGRAMMES

1 PROJECT OPERATING COSTS

- MAINTENANCE
- INSURANCE
- DATA MONITORING
- OTHER (E.G. REPAIRS/INVERTER)

2 RETURN TO INVESTORS

- ANNUAL SHARE INTEREST PAYMENTS
- CAPITAL REPAIRMENTS

WE FUND OUR COMMUNITY ENGAGEMENT PROGRAMMES USING A SHARE OF REVENUES FROM SALE OF ENERGY AND 100% OF THE SOCIAL PREMIUM RECEIVED



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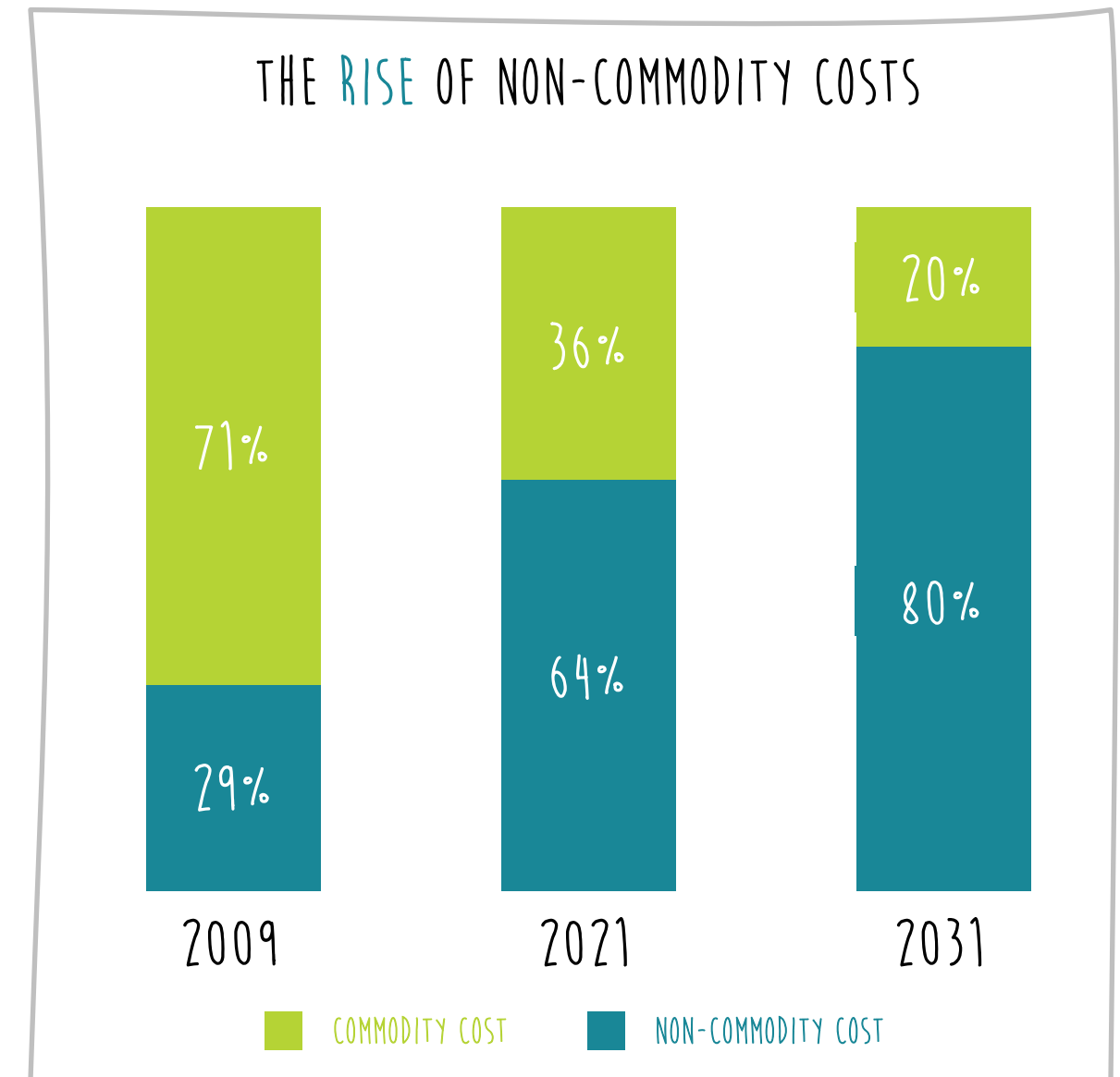
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2 ENERGY EXPORT PPA

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1 PROJECT OPERATING COSTS

- MAINTENANCE
 - APPROX. £7K PER MEGAWATT
- INSURANCE
 - APPROX. £3K PER MEGAWATT
- DATA MONITORING
 - LESS THAN £1K PER MEGAWATT
- OTHER (E.G. REPLACE INVERTER)
 - APPROX. £3K PER MEGAWATT

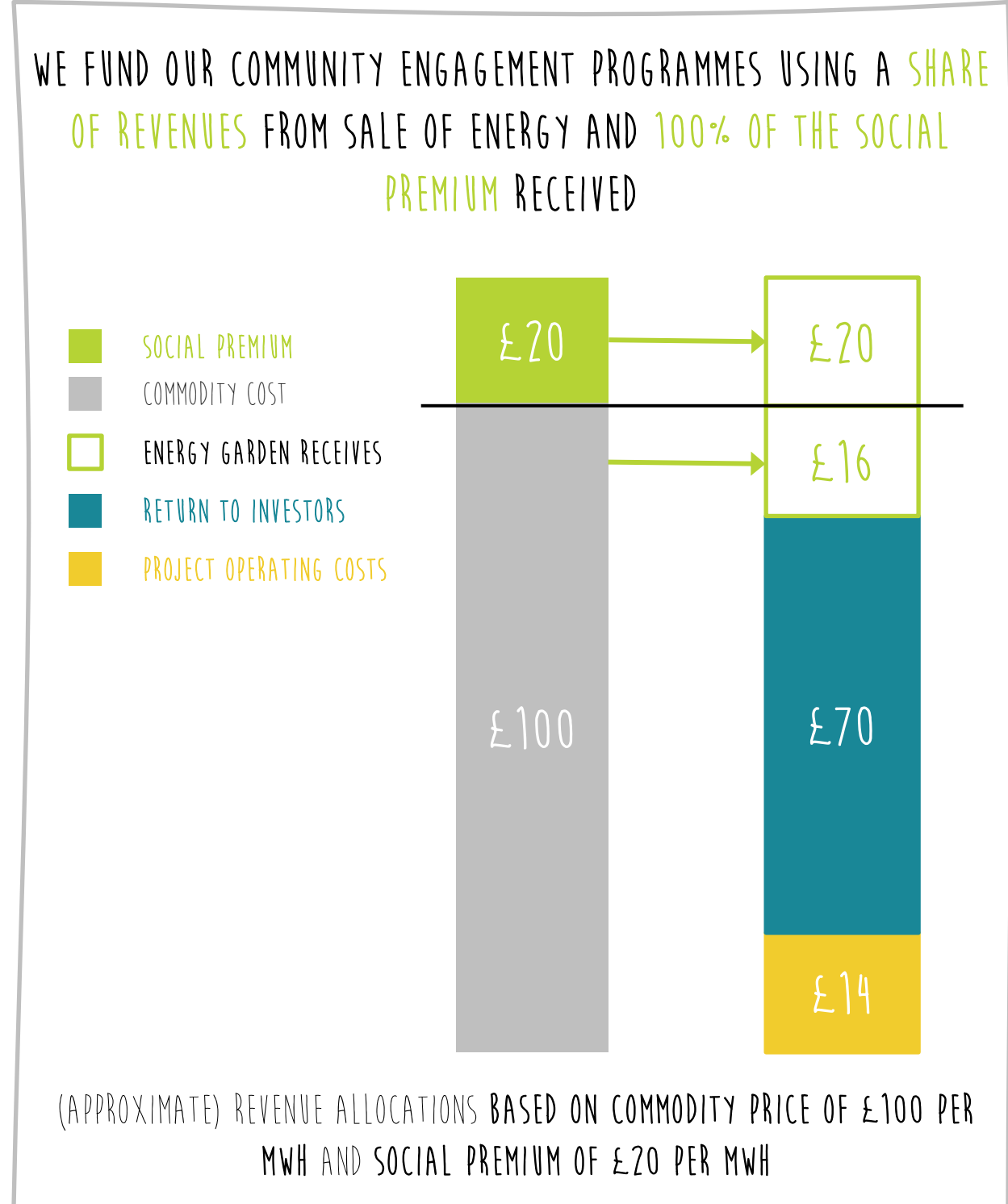
2 RETURN TO INVESTORS

- ANNUAL SHARE INTEREST PAYMENTS
 - APPROX. £25K TO £40K PER MEGAWATT INSTALLED
- CAPITAL REPAYMENTS
 - ASSUME 5% PER ANNUM (APPROX. £30K PER MEGAWATT)

3 COMMUNITY ENGAGEMENT

- ENERGY GARDENS
 - CREATING NEW GARDEN (APPROX. £25K - £30K)
 - MAINTAIN EXISTING GARDEN - (APPROX. £7K)
- YOUTH TRAINING PROGRAMMES
 - AQA ACCREDITED TRAINING PROGRAMME
 - 10 - 15 TRAINEES PAID LONDON LIVING WAGE
 - APPROX. £25K PER PROGRAMME
- SCHOOL WORKSHOPS
 - 30 WORKSHOPS ACROSS LOCAL SCHOOLS
 - X HOURS OF PRACTICAL LEARNING
 - APPROX. £30K

BENEFITS	
	GREEN SPACES
	HEALTH & WELL BEING
	BIODIVERSITY
	AQA ACCREDITATION
	EMPLOYMENT
	DIVERSITY & EQUALITY
	COMMUNITY
	EDUCATION
	AWARENESS





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1 COMMODITY COST

- THE ACTUAL COST OF THE ENERGY CONSUMED (I.E. ELECTRICITY)

2 NON-COMMODITY COSTS

- SYSTEM & NETWORK CHARGES
 - TRANSMISSION NETWORK COSTS
 - DISTRIBUTION NETWORK COSTS
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 - VAT

3 SOCIAL PREMIUM

- AN OPTIONAL CHARGE TO FURTHER SUPPORT ENERGY GARDEN
- SOCIAL PREMIUM RATE (£ PER KWH) X ANNUAL CONSUMPTION = TOTAL SOCIAL PREMIUM

4 RENEWABLE ENERGY

- OUR PROJECTS DELIVER CLEAN, GREEN, COMMUNITY OWNED RENEWABLE ENERGY
- ONE MEGAWATT PEAK = APPROX. 900 MEGAWATT HOURS PER YEAR
- THIS EQUATES TO OVER 200 UK HOMES POWERED*

5 CO₂ EMISSIONS

- BY GENERATING RENEWABLE ENERGY, WE AVOID CARBON EMISSIONS AND CONTRIBUTE TO NET ZERO
- APPROX. 900 MWH = ALMOST 200 TONNES CO₂ EACH YEAR
- OVER 20-YEAR TIME PERIOD = APPROX. 19,000 TREES

6 SOCIAL RETURN

- WE USE SHARE OF REVENUE FROM SALE OF ENERGY + SOCIAL PREMIUM TO SUPPORT OUR PROGRAMMES
- THIS GENERATES A 3:1 SOCIAL RETURN ON INVESTMENT (SROI)
- APPROX. £3 FOR EVERY £1 INVESTED

7 ENERGY GARDENS

- WE DELIVER:
 - COMMUNITY ENGAGEMENT
 - CREATING CREATE SPACES
 - IMPROVED BIODIVERSITY & AIR QUALITY
- OUR COSTS:
 - STAFF TIME
 - TOOLS & MATERIALS
 - EVENTS
 - MARKETING

8 SCHOOL WORKSHOPS

- WE DELIVER:
 - EDUCATION & AWARENESS
 - GARDEN VISITS
 - PRACTICAL, HANDS-ON EXPERIENCE
- OUR COSTS:
 - STAFF TIME
 - TOOLS & MATERIALS
 - EVENTS
 - MARKETING

9 YOUTH TRAINING PROGRAMMES

- WE DELIVER:
 - AQA ACCREDITED TRAINING
 - EDUCATION & AWARENESS
 - PAID WORK EXPERIENCE & OPPORTUNITY
- OUR COSTS :
 - STAFF TIME
 - TRAINEE WAGES + EXPENSES
 - AQA CERTIFICATION COSTS
 - MARKETING