

FUEL MIX OF ENERGY SUPPLIERS PROVIDING ELECTRICITY TO CUSTOMERS - Food for thought to make informed choices

Energy Supplier	Coal % (most dirty)	Natural Gas %	Nuclear %	Renewables % (mainly wind, solar, hydro)	Other Energy % (WtE, CHP)	Resultant CO2 emissions kg/kWh	Resultant Nuclear Waste g/MWh	Disclosure year	Country of supplier (ie. Profits returned to)	Typical Annual Price for energy*	Customer service feedback (1-5)	Dorking Solar Group (DSG) Recommendations +
Affect Energy	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017				AVOID
Angelic Energy	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017				AVOID
Breeze	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017				AVOID
Brighter World	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017				AVOID
Bristol Energy	11.0	35.0	9.0	41.0	4.0	0.25	0.63	2017	UK (Bristol Council)	£1,068	4.5	AVOID
British Gas	11.0	35.0	10.0	40.0	4.0	0.25	0.70	2017	UK	£1,238	3.5	AVOID
Bulb	0.0	0.0	0.0	100.0	0.0	0.00	0.00	2017	UK	£972	5.0	RECOMMENDED***
Co-operative Energy	6.7	20.4	5.6	65.2	2.2	0.15	0.39	2017	UK			
E	10.6	32.6	8.9	44.5	3.5	0.23	0.62	2017				
E.ON	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017	Germany		3.5	AVOID
EBiCo	9.0	56.0	5.0	27.0	3.0	0.30	0.38	2017				AVOID
Economy Energy	8.5	44.1	21.0	24.2	2.2	0.25	1.47	2017			3.5	
Ecotricity	0.0	0.0	0.0	100.0	0.0	0.00	0.00	2017	UK	£1,380	4.5	RECOMMENDED***
EDF Energy	5.7	8.4	76.9	8.8	0.3	0.08	5.40	2017	French government	£1,164	3.5	CONSIDER ?
Energy SW	0.0	35.3	0.0	64.7	0.0	0.13	0.00	2017				
Engie	5.0	53.0	2.0	39.0	0.8	0.25	0.13	2017			4.0	
Extra Energy	14.0	41.0	11.0	29.0	4.0	0.30	0.79	2017			3.5	AVOID
Fairer Power	0.0	35.3	0.0	64.7	0.0	0.13	0.00	2017				
First:Utility	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017			4.0	AVOID
Flow Energy	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017			4.0	AVOID
Future Energy	19.0	33.0	13.0	28.0	7.0	0.33	1.00	2016				AVOID
GnERGY	34.0	25.6	21.6	16.7	2.1	0.42	1.51	2014	UK	£1,126		AVOID AVOID
Good Energy	0.0	0.0	0.0	100.0	0.0	0.00	0.00	2017	UK	£1,346	4.0	RECOMMENDED
Green Energy UK	0.0	30.9	0.0	69.1	0.0	0.11	0.00	2017			4.0	
Green Star Energy	0.0	0.0	0.0	100.0	0.0	0.00	0.00	2017	USA			CONSIDER
SupplyEnergy	8.5	44.1	21.0	24.2	2.2	0.25	1.47	2017			4.0	
Leccy	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017				AVOID
LoCO2 Energy (Solarplicity)	0.0	0.0	0.0	100.0	0.0	0.00	0.00	2017	UK			CONSIDER
M&S Energy	9.0	56.0	5.0	27.0	3.0	0.30	0.38	2017			4.0	AVOID
npower/RWE	1.2	90.1	1.0	7.3	0.4	0.34	0.07	2017	Germany	£1,130	3.0	AVOID
Octopus Energy	6.0	18.0	5.0	69.0	2.0	0.13	0.35	2017	UK	£1,056	5.0	
OVO Energy	0.0	35.3	0.0	64.7	0.0	0.13	0.00	2017			4.5	
People's Energy	0.0	0.0	0.0	100.0	0.0	0.00	0.00	-	UK	£988		RECOMMENDED
Peterborough Energy	0.0	35.3	0.0	64.7	0.0	0.13	0.00	2017				
Places for People Energy	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017				AVOID
Powershop	1.0	79.7	0.9	18.0	0.4	0.30	0.06	2017				AVOID
Pure Planet	0.0	0.0	0.0	100.0	0.0	0.00	0.00	2017				CONSIDER
Robin Hood Energy	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017	UK			AVOID
Sainsbury Energy	11.0	35.0	10.0	40.0	4.0	0.25	0.70	2017	UK		3.5	AVOID
ScottishPower	7.0	57.0	6.0	28.0	2.0	0.28	0.40	2017	Spain		3.5	AVOID
So Energy	0.0	0.0	0.0	100.0	0.0	0.00	0.00	2017			4.5	RECOMMENDED
Southend Energy	0.0	35.3	0.0	64.7	0.0	0.13	0.00	2017	UK			
Spark Energy	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017			3.0	AVOID
Scottish & Southern (SSE)	9.0	56.0	5.0	27.0	3.0	0.30	0.38	2017	UK	£1,241	3.5	AVOID
The Energy Deal	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017				AVOID
Tonik Energy	0.0	0.0	0.0	100.0	0.0	0.00	0.00	2017	UK	£1,060	4.5	RECOMMENDED***
Utilita	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017	UK		4.0	AVOID
Utility Warehouse	1.2	90.1	1.0	7.3	0.4	0.34	0.07	2017	UK (TelecomPlus PLC)		4.5	AVOID
White Rose Energy	13.5	41.4	11.3	29.4	4.4	0.30	0.79	2017	UK (Leeds council)	quote failed		AVOID
UK Average **	8.5	44.1	21.0	24.2	2.2	0.25	1.47	2017	-	£1,147		----

* Typical dual fuel energy bill: 12,000kWh gas; 4,200kWh electricity; 52% peak/48% night Economy7. Government standard for assessing pricing based on electricity profile 2; medium consumer. No smart meter; for house; direct debit. As of April 2018.

** UK average is weighted by the number of customers choosing each supplier. i.e. Most people use big6 suppliers (in 1 + means: this is for guidance only; DSG takes no responsibility for customer switching energy supplier).

*** means: supplier also provides their gas as 10% green gas from anaerobic digestion fed into national gas grid.

See: www.dorkingsolargroup.org