



Bioresources RAGs consultation update

Additional bioresources table 1: Energy in bioresources

	Electricity	Heat	Biogas	Total	Electricity	Heat	Biogas	Total	RAG 4 reference
	MWh	MWh	MWh	MWh	£m	£m	£m	£m	
Energy									
Energy generated by and used in bioresources control	I	I	I	C	I	I	I	C	8C.1
Energy generated by bioresources and used in network plus control	I	I	I	C	I	I	I	C	8C.2
Energy generated by bioresources and exported to the grid or third party	I	I	I	C	I	I	I	C	8C.3
Energy generated by bioresources that is unused	I	I	I	C	I	I	I	C	n/a
Energy bought from grid and used in bioresources control	I	I	I	C	I	I	I	C	8C.4

Changes:

- **Column for Biogas added**
- **Units changed from MW to MWh**
- **Line added for unused energy generated in bioresources**

Income from renewable energy subsidies			
	Unit	Value	Year of expiry
Income claimed from Renewable Obligation Certificates (ROCs)	£m		
Income claimed from Renewable Heat Incentives (RHIs)	£m		
Income claimed from other renewable energy subsidy (1)	£m		
Income claimed from other renewable energy subsidy (2)	£m		
Income claimed from other renewable energy subsidy (3)	£m		
Total income claimed from renewable energy subsidies	£m	C	

n/a
n/a
n/a
n/a
n/a
n/a

New table, unseen by companies.

	Units	
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Bioresources liquors treated by network plus		
Flow of liquor or partially treated liquor returned from bioresources to network plus	Ml/d	l
BOD load of liquor or partially treated liquor returned from bioresources to network plus	kg/d	l
Ammonia load of liquor or partially treated liquor returned from bioresources to network plus	kg/d	l
Recharge to Bioresources by network plus for costs of handling and treating bioresources liquors*	£m	l

8C.5
8C.6
8C.7
8C.8

* Where companies have on site liquor treatment plants co-located with sludge treatment centres, recharge should also include costs of final polishing and return to the watercourse through the site's final effluent discharge.

No changes

Additional bioresources table 4 - Transport data

	Units		RAG 4 reference
Total distance travelled in transport operations with a load (intersiting between sewage works and transport from sewage works to sludge treatment sites)	km/ year	I	n/a
Total distance travelled in treatment operations with a load (intersiting across and between sludge treatment sites)	km/ year	I	n/a
Total distance travelled in sludge disposal operations with a load (sludge treatment sites to final disposal)	km/ year	I	n/a
Total distance travelled in all sludge operations with a load	km/ year	C	n/a
Total trips undertaken in transport operations with a load (intersiting between sewage works and transport from sewage works to sludge treatment sites)	000s	I	n/a
Total trips undertaken in treatment operations with a load (intersiting across and between sludge treatment sites)	000s	I	n/a
Total trips undertaken in sludge disposal operations with a load (sludge treatment sites to final disposal)	000s	I	n/a
Total trips undertaken in all sludge operations with a load	000s	C	n/a

* A load is defined as any trip where the company transports a volume that is greater than zero. Transporting equipment is therefore not necessarily required to be at 100% capacity to constitute a load.

Changes: Table accounting for empty loads dropped and bottom table added