

### Ryedale Energy Summary

	Current capacity (MW)	Current capacity (GWh)	Potential resource heat (MW)	Potential resource electricity (MW)	Potential resource (GWh)	Potential resource (No of existing homes equivalent energy demand)	Potential resource (Proportion of regional resource)	Potential resource (MW)
Ryedale								
Commercial wind	0	0	0	10	26	0	0%	10
Small scale wind	0	0	0	1	1	0	3%	1
Hydro	0	0	0	0	1	0	0%	0
Solar PV	0	0	0	2	1	0	0%	2
Solar thermal	0	0	3	0	2	204	1%	3
Air source heat pumps	0	0	6	0	9	385	2%	6
Ground source heat pumps	0	0	5	0	9	329	3%	5
Biomass energy crops	0	0	47	26	389	3148	9%	73
Biomass woodfuel	1	2	6	0	17	430	2%	6
biomass agricultural arisings (straw)	8	56	13	7	105	885	5%	20
Biomass waste wood	0	0	0	0	2	20	1%	0
Energy from waste wet	0	0	4	4	37	281	4%	8
Energy from waste poultry litter	0	0	0	3	14	0	0%	3
Energy from waste MSW	0	0	1	0	5	45	1%	1
Energy from waste C&I	0	0	1	1	9	77	1%	2
Energy from waste landfill gas	0	2	0	0	0	0	0%	0
Energy from waste sewage gas	0	0	0	0	1	0	0%	0
<b>Total</b>	<b>9</b>	<b>61</b>	<b>87</b>	<b>53</b>	<b>628</b>	<b>5,805</b>		<b>140</b>

