

## Scottish and Southern Ratings Example

The example below is for illustrative purposes and would need to be further developed to ensure categories and rating awards are in

RATING CATEGORY	TECHNOLOGY TYPE						
	BASE	Wind	PV	Hydro	Biomass/Biofuel/ Biogas	Nuclear	High Efficient CCGT, CHP.
Renewable	4	4	4	4	4	1	1
Operating CO2 Emissions	4	4	4	4	2	2	1
Short Term Environmental Impact	4	3	3	3	1	2	1
Long-term Environmental Impact	4	3	4	4	4	1	2
Pollution; Air,Water,Land	4	4	3	4	3	3	1
<b>Rating Total</b>	<b>20</b>	<b>18</b>	<b>18</b>	<b>19</b>	<b>14</b>	<b>9</b>	<b>6</b>
<b>Weighted Rating Position*</b>	<b>1</b>	<b>0.9</b>	<b>0.9</b>	<b>0.95</b>	<b>0.7</b>	<b>0.45</b>	<b>0.3</b>

Possible Ratings Key	1	2	3	4
Renewable	0% Renewable	>0 and <50%	>50 and <100% Renewable	100% Renewable
Operating CO2 Emissions	High	Medium	Low	Zero
Short Term Environmental Impact	High	Medium	Low	Zero
Long-term Environmental Impact	High	Medium	Low	Zero
Pollution; Air,Water,Land	High	Medium	Low	Zero

### Methodology to achieve above

Each rating category should have a subset of considerations that enables a final score to be achieved, for example;

Renewable	Sustainability
Lifecycle CO2 Emissions	Full supply process- Construction/Extraction, Transportation, Operation, Decommissioning
Short Term Environmental Impact	Environmental Impact Assessment Criteria ;Population, Fauna, Flora,Soil, Water, Air, Climatic Factors, Material Assesst (e.g archaeolog
Long-term Environmental Impact	Environmental Impact Assessment Criteria as above, Mitigation Measures, Waste Disposal, Lifecycle CO2 Emissions, Repowering suc
Pollution; Air,Water,Land	Environmental Impact Assessment Criteria as above, Mitigation Measures, Compliance to regulator,

### Questions to consider

What weightings should be applied to each category, i.e more weight to Renewable and Operating CO2 Emissions, than to Short/Long term Environmental Impacts and Poll  
 What indicator is used to rate each category, i.e. for Pollution can you use SEPA/EPA compliance level?