

Marlow Development Proposal

Scheme Benefits

The local community will benefit from SEPEL's Marlow hydropower scheme in several ways.

1. SEPEL are partnering with a local community group called [REDACTED] enabling local residence to participate financially and partially own the hydropower system.
2. SEPEL and the [REDACTED]
[REDACTED] and SEPEL intend to use part of this grant to develop more cost effective hydropower systems on Marlow.
3. We will be creating locally produced and locally used clean energy, reducing the need for coal fired power plants to run at current capacity.
4. Locally used energy benefits from less loss due to national grid transmission distances, resulting in again, less imported coal and gas burning.
5. The local community is fortunate in that it has a natural resource for creating electricity, when SEPEL completes and commissions the scheme, they will be utilizing this natural resource and benefiting financially through [REDACTED].
6. Everyone benefits from the energy security that renewable energy brings to the UK.

Local river users and the environment will benefit as well. Fewer pollutants in the air to breath also mean less pollutants eventually going into the water.

The biggest threats to fish and the main reasons some species numbers are falling is water pollution and over fishing. There is a potential for Hydropower to significantly reduce the amount of pollutants released into our atmosphere in this country.

Also, study after scientific study illustrate the fact that Archimedes screws do not harm or kill fish or eels, downstream migrating fish do not hesitate and simply use the screw as a safe passage downstream and upstream migrating fish are not significantly delayed in any way. Additionally, while in the safe haven of the screw, all fish species are protected from predators and fishermen.

Scheme Benefits

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Hydropower-Anaerobic Digestion-Pyrolysis-Gasification

Archimedes screws are so fish friendly in fact; they are used as a gentle means of transporting fish between ponds at fish farms in the North Western USA.

Archimedes screw turbines are also an excellent means of aerating the water. They are used for this purpose in many applications from fish farms to sewage treatment plants.

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