



Tilting photovoltaic system (water)

System

The **mobile and tiltable photovoltaic solution SKipp** is the alternative to conventional floating photovoltaic systems:

- ✓ The vertical east-west orientation creates a profitable generation profile
- ✓ The statutory 15% regulation is redefined: There is hardly any land sealing, so that **smaller bodies of water** can also be used to generate renewable energy. (Germany)

Applications

- ✓ Due to the flexible deflection angle, the photovoltaic modules can also be used in areas with light to medium waves, including **lagoons and harbor areas**.
- ✓ **Quarry ponds, gravel ponds, open-cast mining lakes, drinking water reservoirs**

Developed in harmony with nature conservation and environmental protection

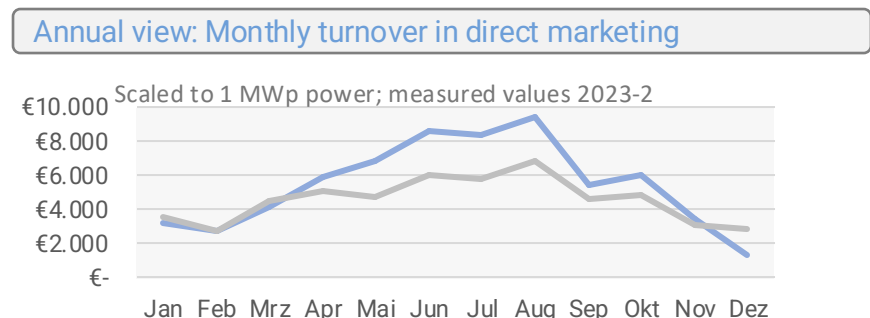
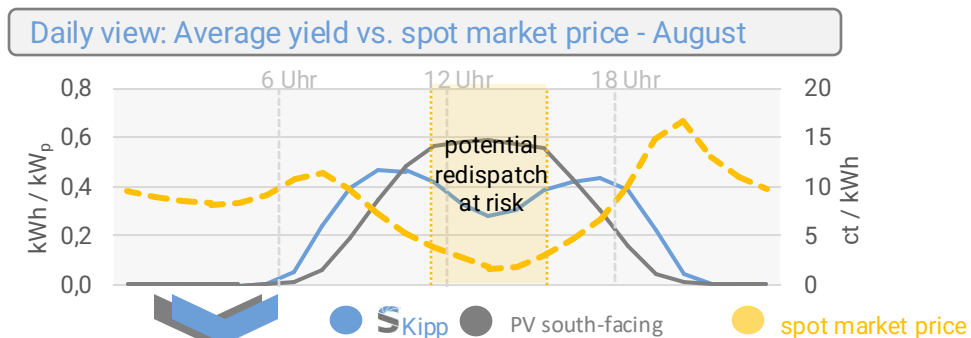
- ✓ The surface sealing of the water body is minimal. As a result, the oxygen content of the water is preserved.
- ✓ The float is made of food-grade material.

Increased remuneration due to electricity generation at more profitable times of day

Direct comparison **SKipp** - south-facing standard module



Test facility in Baden-Württemberg
Comparison of measurement series since spring 2022



~ 20% higher turnover with the same earnings



Quarry lakes | Open-cast lakes | Harbour areas | Lagoons


Construction

- 1** Bifacial photovoltaic module
- 2** Flexible rope connection allows the module to deflect under wind load
- 3** Restoring weight for vertical alignment of the module in the unloaded condition



Key facts

 **0,72 kW_p** per unit
0,08 kW_p/m² per area*

 **3,5 m x 1,5 m x 0,6 m**
Height x Width x Depth

 **160 kg**

*with a row spacing of 6 m

