

Quimper, December 1st, 2022

# THE POWER CURVE OF SABELLA D10 TIDAL TURBINE HAS BEEN CERTIFIED BY BUREAU VERITAS

Sabella has taken another important step towards the large-scale marketing of its turbines by obtaining certification of the power curve of its D10 turbine, immersed off Ushant, in the Fromveur Passage.

This certification, carried out in accordance with the IEC standard (which sets out the rules applicable to electrical production equipment), confirms the turbine's production performance according to the different current speeds encountered at the Fromveur site.

Specific measurements were carried out this summer under conditions that allowed the machine's production to be validated, and in compliance with specific constraints, particularly in terms of current speed. Bureau Veritas was thus able to certify the production curves, but also the instruments used for the measurements and their correct calibration.

After the successful re-launch of the D10 turbine at the beginning of April 2022 and its reconnection to the Ushant island electricity grid, the turbine has been injecting electricity for 8 months now. This has made it possible to cover up to 49% of the island's electricity consumption, thus demonstrating the reality of the decarbonisation process initiated by Ushant island.

Fanch Le Bris, CEO of Sabella, states:

"The certification of the power curve of our machine allows us to guarantee our future customers the performance of the machine and to make the future production of commercial farms more reliable. This is an important step at a time when the search for all solutions enabling the production of clean energy must be a priority both for the energy autonomy of our territories, but also and above all to limit global warming. Marine energy is ready to make its contribution to France's future energy policy. "

Benoît Bazire, Chairman of Sabella, adds:

"We were delighted to receive this news, which rewards the work of a passionate team. One of Sabella's strategic missions is to put our expertise and know-how at the service of the decarbonisation of non-interconnected zones like Ushant. The certification of the power curve of our turbine will be a key lever for our international development and the assurance for our partners of a production of the machine in accordance with our forecasts."

**ENDS**

**Notes for Editors**

Media contact for Sabella: [contact@sabella.bzh](mailto:contact@sabella.bzh)

**About Sabella**

SABELLA is a company that designs and develops systems to supply electricity to coastal areas and produce green hydrogen from tidal energy. In 2010, SABELLA won the ADEME's AMI "Renewable Marine Energy Demonstrators" project and was supported by the "Investissements d'Avenir", the Brittany Region's FEDER and local authorities to launch the first full-scale tidal turbine connected to the grid, D10, in 2015. The Breton SME is providing a reliable and robust response to the challenges of today's energy transition.