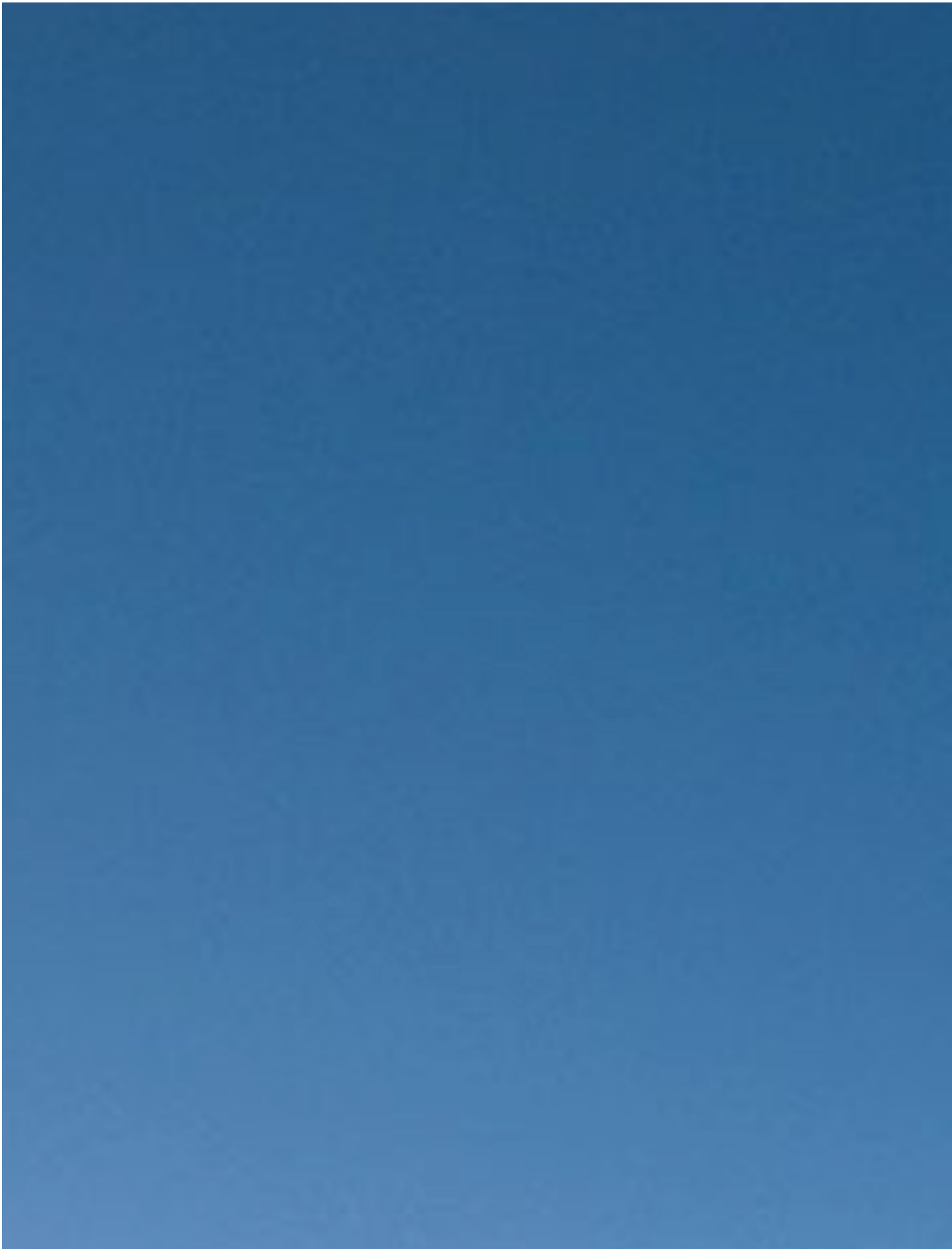


Latest Upgrade: Princess Elisabeth Antarctica Station Adds 44 New Solar Panels in Full-Circle System

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The Princess Elisabeth Antarctica research base has just expanded its solar installation with 44 new Bisol panels, closing the ring around the station and boosting its zero-emission mission even further.



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Belgium's Princess Elisabeth Antarctica Station — the world's first zero-emission polar research outpost — continues to lead in sustainable power. In the latest upgrade, the station's technical team installed 44 additional 380 Wp solar panels, completing a full 360° ring of photovoltaics designed to maximize exposure during 24-hour daylight. This enhancement strengthens the station's capacity to harness solar energy under extreme conditions. Originally powered by a hybrid of solar (PV and thermal), wind turbines, and battery storage, the base now moves closer to full energy autonomy even in one of Earth's harshest environments.

For more information follow the full articles on [Solar Magazine \(Dutch\)](#) and [PV Magazine \(English\)](#)!

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