

# MORE EXPERIENCE GENERATES MORE YIELD

Your specialist for operating and managing wind energy and solar plants

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# TAKING RESPONSIBILITY FOR YOUR SUCCESS

GP JOULE SERVICE is a business unit of the GP JOULE Group that is helping to shape the energy world of tomorrow as a holistic provider of renewable technologies. The many years of experience and our great passion for the future of renewable energies are the basis for providing more than just service in our company. More security. More partnership. More output.

## We offer a customised operations management with added value.

Our mission is to operate MW-class solar and wind power plants efficiently and economically. Our goal is to secure stable earnings for plant operators and investors by taking on the responsibility for technical and commercial management.

You only make use of the services you need and can rely on a partner who will earn your trust in a long-term working relationship at eye level.

## Independent expertise

Monitoring services are carried out by our modern control centre and transparent reporting, maintenance, inspection and repairs are conducted by our own teams. We provide professional service from a single source, including financial accounting and permanent controlling of the profitability of your investment.

This way, you can always be sure that your plants will produce optimum yields without any extra work from your side.



Sustainability, trust, joy, fair play, authenticity, quality and success - that's what we stand for.



Internationally active:  
GP JOULE SERVICE offers a range of services from decentralised locations in Germany, France, Italy and Denmark.

# EVERYTHING YOU NEED FOR ECONOMIC OPERATION

At GP JOULE SERVICE, comprehensive performance goes hand in hand with solid values that connect us with our customers.

## How you benefit from our service:



We can look back on many years of international experience in commercial and technical operations management for solar & wind



We achieve professional service levels thanks to decentralised on-site service provided by our own teams



We possess manufacturer-independent technical know-how



We offer reliable processes thanks to ISO-certified quality management according to DIN EN ISO 9001:2015



We offer a modular full service range right up to providing a complete, full-scale solution - tailored to your needs and requirements



We help increase performance and secure earnings by providing technical advice and optimisation opportunities



We cultivate long-term and lasting partnerships



We provide future-proof service, through ongoing investments in infrastructure and digitalisation



## Cooperation you will benefit from

The partnership between GP JOULE SERVICE and ENERTRAG creates valuable synergies from which your wind and solar projects benefit directly.

In this way, we constantly share special knowledge and experience in order to provide even more service proximity, efficiency and concentrated know-how.



# TECHNICAL OPERATIONS MANAGEMENT SOLAR

We guarantee seamless monitoring of all performance data in real time in order to be able to react as soon as possible to technical anomalies and therewith avoid damage to plants and yield losses. This is ensured by a control centre featuring state-of-the-art equipment from which the solar parks are monitored throughout Europe. In addition to ongoing reporting, routine maintenance services and recurring inspections, repairs and technical optimisations are part of our service range. We also keep a watchful eye on maintenance cycles as well as warranty-relevant deadlines and dates.

## SERVICES AT A GLANCE

### Operations management

#### Remote power plant monitoring

- We monitor key operating figures and analyse plant data to identify faults
- We initiate service interventions with the aim of removing faults
- We provide an operations management portal

### Technical reporting

- We document yield and operation-relevant key figures and processes as well as calculate potential production losses
- We provide a detailed monthly technical report

### Operations management and inspection

- We ensure compliance with all requirements for (legally) secure operation
- We monitor warranty and guarantee periods and assert claims in the event of warranty matters
- We settle insurance claims

### Maintenance

#### Routine maintenance services

- We carry out maintenance and visual inspections of the system components
- We monitor degradation and pollution
- We conduct drone-based module thermography
- We perform recurring (statutory) inspections / DGUV V3

#### Fault and repair management

- Decentralised service teams locate faults and rectify them
- We ensure spare parts management

#### Facility maintenance

- Green-space maintenance
- Module cleaning

#### Optional services

**We assume system operator responsibility in accordance with DIN VDE 0105-100**

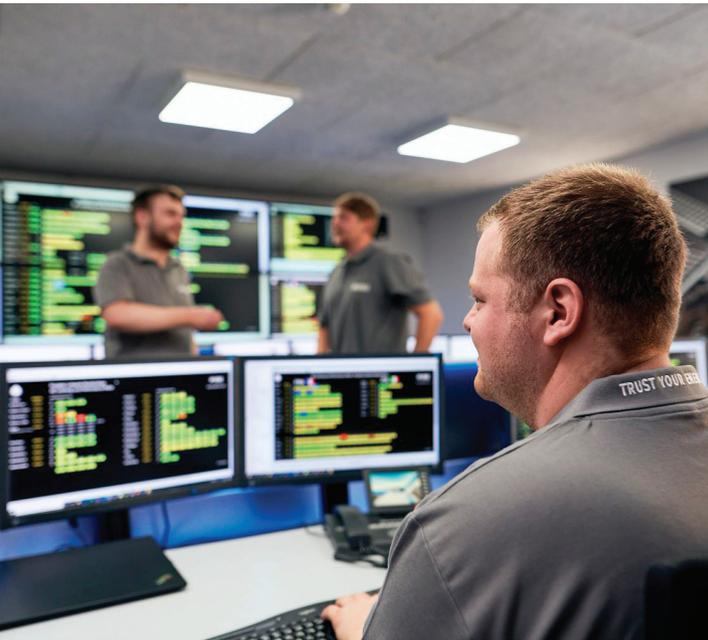
#### Technical advice and plant optimisation

- We provide quality-assuring construction supervision
- We carry out the technical auditing of projects
- We coordinate appraisal and expert services
- We plan and implement technical optimisations and conversion concepts (repowering) to safeguard or optimise the asset



»GP JOULE SERVICE quickly came up with solutions for us to rebuild the plant and everything went absolutely smoothly. We are really pleased with how asset performance improved in the short-term.«

**Reimer Wree und Volker Markussen**  
Bürgersolarpark Viöl GmbH & Co. KG



»With GP JOULE SERVICE, we found a long-term, trustworthy partner. Thanks to their experience in solar and wind farm management we can seize opportunities in existing and new markets.«

**Betina Weiler**  
Obton A/S, Denmark

## COMMERCIAL OPERATIONS MANAGEMENT

If you opt for the business management support provided by GP JOULE SERVICE, you are assured of attractive returns and sustainable capital management.

As an independent expert, we manage your assets professionally and identify optimisation and savings potential in ongoing operations as well as with a view to the future.

In addition to well-founded economic know-how and ongoing controlling, there is one thing above all that stands behind this: close dialogue with our technical management in order to generate optimal returns through the interplay of technical and economic perfection.

### SERVICES AT A GLANCE

#### Financial accounting and bookkeeping

- We check documentation and process payment transactions
- We create outgoing invoices and credit notes
- We prepare and execute current accounts
- We organise advance VAT returns
- We draw up annual financial statements

#### Financial controlling and reporting

- We monitor key figures
- We conduct target-performance comparisons and earnings checks
- We carry out liquidity planning (medium-term on a monthly basis) as well as long-term planning calculation and budgeting
- We organise distribution/dividend payment management

#### Contract management

- We monitor deadlines for compliance with statutory regulations, notice periods and company law regulations
- We select the direct marketer and optimise the contract
- We coordinate insurance matters and claims handling

#### Project company management

- We provide commercial support for managing the project company
- We carry out limited partner management and support (reporting and general meetings)
- We communicate with banks and external service partners



»The reliable management of our facilities guarantees economic success for our shareholders and the community. We rely on GP JOULE SERVICE as an experienced and reliable local partner.«

**Management**

Bürgerwindpark Wittbek GmbH & Co. KG



# TECHNICAL OPERATIONS MANAGEMENT WIND:

Everything, but a standstill - that's our premise in the field of technical operations management for wind turbines throughout Europe. Thanks to our continuous, web-based system monitoring, we have our eyes on your success day and night, 24/7. In the event of anomalies, you can rely on our highly responsive incident management system. Even during normal operation, we remain vigilant and ensure first-class technical conditions by tracking maintenance cycles and coordinating on-site repairs. We also carry out regular performance analyses in cooperation with the commercial management.

## SERVICES AT A GLANCE

### Operations management

Remote power plant monitoring

- We monitor key operating figures and analyse plant data to identify faults
- We coordinate service interventions with the aim of removing faults
- We provide an operations management portal

### Technical reporting

- We document operations-relevant processes, including the calculation of the resulting production losses, as well as redispatch measures
- We provide a detailed monthly technical report

### Operations management and inspection

- We have our own experts for inspections of the components
- We monitor operationally relevant or official requirements
- We observe and monitor warranty and guarantee periods
- We coordinate insurance matters and claims handling

### Maintenance

Routine maintenance services

- We carry out switching operations in the park's internal network
- We restart the WTG after ice build-up on the rotor blades

### Fault and repair management

- We coordinate and commission maintenance and repair measures



### Facility maintenance

- Green-space maintenance
- Winter service
- Compensatory measures

### Optional services

**We assume system operator responsibility in accordance with DIN VDE 0105-100**

### Technical advice

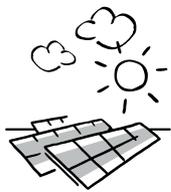
- We provide expert services and expert inspections by accredited inspection body according to DIN EN ISO/IEC 17024 with our cooperation partner

### Further services

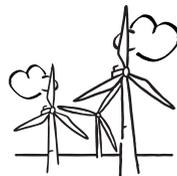
- We prepare the EEG (renewable energy sources act) test certificate
- We provide support in providing evidence for calculating the site quality according to FGW TR 10

# 100% RENEWABLE

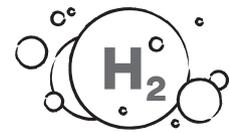
The GP JOULE Group service portfolio



**Photovoltaics**



**Wind**



**Hydrogen**



**E-mobility**



**Sector-Coupling**



**District Heating**



**Invest**



**Project Planning**



**Plant Management**

**We implement energy solutions - from greenfield sites to e-mobility infrastructure and hydrogen filling stations.**

By extending the value chain of renewable energies, we ensure a sustainable energy supply. Our services range from project development to the refinement of electricity into hydrogen, heat, or mobility.

This way, all processes from energy generation to consumption remain under one roof and can be mastered economically, technologically and socially for an optimum result. That is our aspiration!



Founded: 2009

Employees: ~ 500

Installed power plant capacity: 1,200 MW

Areas of business: PROJECTS, INVEST, EPC, SERVICE, THINK, CONNECT