



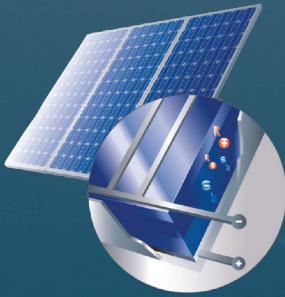
DP ENERGY

**RENEWABLE ENERGY  
IS IN OUR NATURE**





## PHOTOVOLTAIC SOLAR FARMS



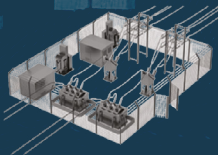
At the heart of every photovoltaic (PV) solar farm lies the solar cell. When light falls on the cell it creates a positive and negative charge. These charges are drawn to opposite sides of the solar cell where they can be collected by wires bonded to the surface.



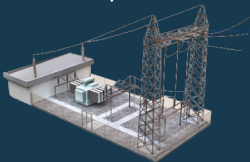
Each solar cell on its own is too small to produce energy to be very useful, however the cells can be joined together to form a module and produce useable amounts of energy.



The solar arrays produce direct current (DC) electricity. Before it can be exported to the electricity grid it must first be converted to alternating current (AC) using a device know as an inverter.



The inverters produce relatively low-voltage AC power. This is then collected and stepped-up at the on-site substation.



Finally, at the utility substation the voltage is again stepped up to match that of the electricity network.

# DEVELOPMENT PROCESS



## SITE IDENTIFICATION

A high-level feasibility study and a site visit will be carried out to determine the sites suitability. If deemed suitable, an initial planning assessment and grid network capacity evaluation will take place.



## OPTION AGREEMENT

An option agreement is signed between DP Energy and the Landowner followed by a sign-up fee. This agreement outlines the details of the lease term, rental income, amount of land required and other relevant details.



## CONTINUOUS ENGAGEMENT

DP Energy's Stakeholder and Community Liaison team will actively engage with the local communities, stakeholders and landowners throughout the projects lifetime.



## PLANNING SUBMISSION

The design and planning process will be carried out including the lodgement of a planning application for site. Relevant environmental surveys will also be carried out to mitigate as many planning issues as possible.



## CONSTRUCTION

Once planning permission is obtained for a solar farm on the site, DP Energy will arrange for specialised solar hardware manufacturers and installation experts to install the solar farm and its various components in a timely, cost-effective manner and arrange for connection to the grid.



## OPERATIONS & MAINTENANCE

Once construction is complete, DP Energy will commence a 30-year lease and the first rent installment will be paid. Once the solar farm is operational, the landowner will receive a welcome pack from the management team who will oversee the long-term operation and maintenance of the solar farm.

## FAQ'S

**Q. HOW MUCH LAND IS NEEDED FOR A UTILITY SCALE SOLAR DEVELOPMENT?**

A. For a suitable solar site DP Energy would need a minimum of 50 hectares {123 acres}, which can comprise of multiple parcels of land from multiple landowners.

**Q. WHAT ARE THE COSTS TO THE LANDOWNER?**

A. There are no costs to the landowner. DP Energy pay for all the development costs (planning, grid connections etc.) and any other third-party costs associated with the project.

**Q. CAN I STILL FARM THE LAND?**

A. Yes you can still farm the land with sheep or bees and other specialised farming practices.

**Q. WHAT HAPPENS AT THE END OF THE LEASE AGREEMENT?**

A. All components are removed, and the land is restored to its original condition or if you the landowner would like to extend the agreement there is a possibility to renew the lease and apply for future planning for a continued renewable energy development.

## BENEFITS



### CONSISTENT REVENUE

Solar farms provide the landowner with a secure, stable, and predictable long-term index linked income for 30 years.



### DIVERSIFICATION

Diversify both your land and your revenue streams, while preserving and even enhancing wildlife within the area.



### SUSTAINABILITY

Be directly involved in the renewable energy transition, supporting long-term sustainability for your community and a clean, safe, and healthy environment for further farming generations.



### HASSLE FREE PROCESS

The process requires minimal effort from you and is handled completely by our team of experts. From planning to construction to maintenance, we have it all covered at no cost to you.

## ABOUT US

With a global reputation spanning over 30 years, we develop, construct and have operated renewable energy assets worldwide since our first wind farm project, Bessy Bell in Co. Tyrone, was delivered in 1993. The company is led by co-founders Maureen and Simon De Pietro – a mother and son partnership. They are supported by a team of highly experienced engineers, marine scientists, planning experts, project managers, environmental managers and financial, legal and technical experts. Our goal is to create a Renewable Energy powered world and to do so whilst minimising our impact on other species.



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## PROJECTS



PORT AUGUSTA HYBRID PLANT



LOCATION  
**South Australia**



TOTAL INSTALLED CAPACITY  
**317 MW**



SAAMIS SOLAR PARK



LOCATION  
**Canada**



TOTAL INSTALLED CAPACITY  
**325 MW**

## CONTACT US



### Lisa Enright

#### ONSHORE STAKEHOLDER AND COMMUNITY LIAISON MANAGER

Lisa Enright is DP Energy's Onshore Stakeholder and Community Liaison Manager. Lisa is available to answer any questions you might have on the Solar Project or DP Energy.

PLEASE CONTACT LISA USING THE DETAILS BELOW IF YOU HAVE ANY QUESTIONS.



**Phone:** 087 634 5691

**Email:** [lisa.enright@dpenergy.com](mailto:lisa.enright@dpenergy.com)



### John Hayes

#### LAND MANGER

John Hayes is DP Energy's Land Manger. John is available to answer any questions you might have on the Solar Project or DP Energy

PLEASE CONTACT JOHN USING THE DETAILS BELOW IF YOU HAVE ANY QUESTIONS.



**Phone:** 087 183 0200

**Email:** [john.hayes@dpenergy.com](mailto:john.hayes@dpenergy.com)

Alternatively,  
you can send a  
letter to:

DP Energy, Mill House, Buttevant, Co. Cork. Ireland. P51 TN35  
+353 (0) 22 23955 | **Email:** [info@dpenergy.com](mailto:info@dpenergy.com)  
**[www.dpenergy.com](http://www.dpenergy.com)**