



INRG SOLAR

POWERING THE FUTURE

Embedded Generation



Contents:

	Page
1. About INRG Solar	3
2. INRG Solar Management Team	4
3. What is Embedded Energy?	5
4. The process	6
5. Our Consultants	7
8. Contact Details	13

1. About INRG Solar

INRG was set up in August 2009 by Tom Harlow (Managing Director) and Ian Gannon (Commercial Director) to develop large scale PV projects throughout Europe. Tom Harlow has over 15 years' experience in the UK and Irish construction sectors. He is a director of Harlow Project Management Limited and advises a number of private investment companies on their property portfolios. He holds a degree in civil engineering from NUI Galway. Ian Gannon has extensive worldwide experience in the design and construction of golf and residential resorts. He currently is a director of Arnold Palmer Golf Design. John Hunt is Finance Director having being in the banking industry for over 20 years primarily in property development and investment funding in Ireland and the UK. He holds a Bachelor of Commerce degree and a Masters degree in Finance from University College Dublin.

INRG entered the large scale PV Market in the UK in 2009 and quickly built up one of the largest portfolios in the UK by mid 2010.

However subsequent announcements by the UK government in March 2011 confirmed that the Feed in Tariff would be cut by c70% for large scale projects which ceased all further activity in the market.

In the intervening period INRG has looked to other markets most notably Romania where INRG entered into a JV in November 2011 with a local developer to develop and construct a 118MW PV solar park in the South-East of the country.

Since 2012 INRG have built their portfolio of completed utility scale solar parks to a capacity in excess of 300MW making them the 4th Largest developer in the UK.

With the advent of the capacity market and the need for embedded generators in communities to balance the power needs of the UK, INRG as well as still developing solar parks have now developed one of the UK's largest portfolios of Embedded Generation. INRG is currently progressing in excess of 300MW through the permission process across the UK



2. INRG Solar Management Team



Tom Harlow – Managing Director

- Tom has over 17 years' experience in the Construction and Project Development sectors in the UK and Ireland.
- Spent the last 4 years focused on development of PV solar farms in the UK and Europe.
- Has an in depth knowledge of the grid connection and planning process in the UK.
- Responsible for assessment of sites viability and client interface.



Ian Gannon – Commercial Director

- Ian has been involved in the Golf and Leisure industry worldwide developing Golfing Resorts on 5 Continents.
- His exposure to landlords and third parties in the development of land for golf resorts gives him an unparalleled experience in the issues of third party negotiations.
- Ian first entered the PV sector in 2008 and possesses a strong construction based skill-set which will be key to the success of the construction phase.

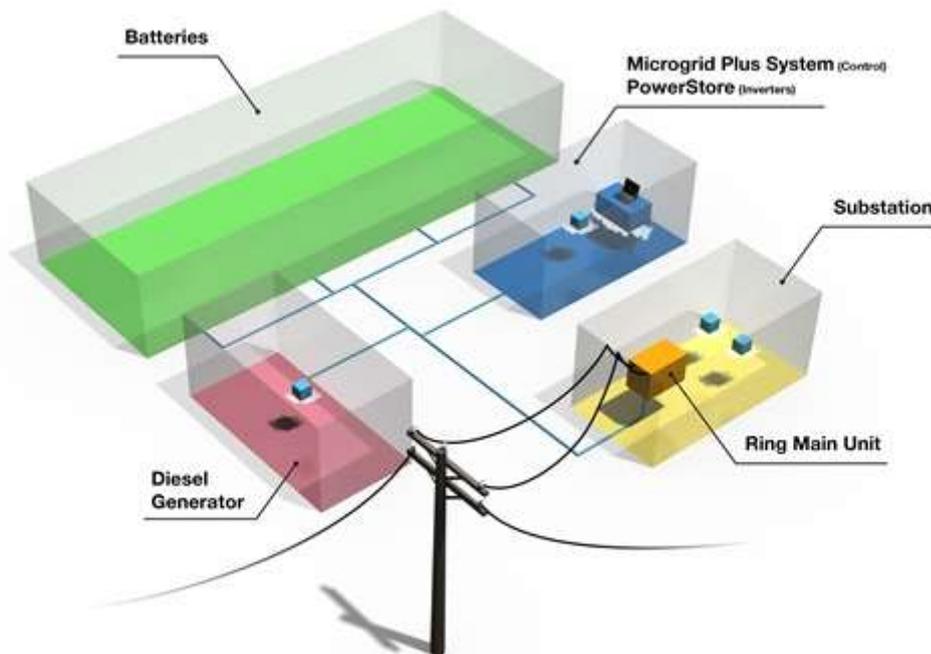


John Hunt – Finance Director

- John had a highly successful 20 year career in commercial real estate and asset based lending (investment and development) with a variety of international banks.
- He established my own consultancy in January 2008 which focuses primarily on property, debt advisory and restructuring (up to €1bn).
- More recently John has played an advisory role in renewable energy projects, insurance and mobile phone technology start ups and equity raising.
- John currently mentors a number of tech start-ups through the Tony Ryan Academy for Entrepreneurship in Ireland.

3. What is Embedded Energy?

Embedded or dispersed generation. DG is electricity generating plant that is connected to a distribution network rather than the transmission network. The generation of electricity is made via either Diesel, Gas, Solar or wind and supported by large battery packs.



A typical installation will consist of a series of generators linked and primed to be remotely activated by the National Grid in times of high usage typically breakfast time, tea time and when there is a spike in demand, when for example half time on a televised football match.

The installations are secured in their own compound with CCTV and a sound proof fence thus reducing the installations impact to less than a typical conversation.

After the initial build period, which is only a few months, the site movement is minimal. This is limited to a fuel delivery if diesel is needed and a maintenance van.



The process

1. A grid application letter is signed which allows INRG to apply for grid capacity. INRG will design the installation and secure a connection up to 20MW. This process takes up to 65 working days.
2. On confirmation of grid capacity and cost a business plan is developed. Then the rental per MW is agreed, currently between £2,000 and £2,500 per MW depending on the connection cost.
3. Planning consultants are instructed to obtain planning. A typical site is c70m x 35m
4. The site is then submitted to the National Grid for approval
5. Once all permissions have been obtained the build and commission period commences.

5. Our Consultants



INRG previously worked with Eversheds under the Feed in Tariff scheme and they have been at the forefront of renewable energy industry in the UK for many years and provide their legal expertise in the development of appropriate and bankable options and leases and other matters in the critical relationship of development.

Geraint Pullin Thomas leads the team dealing with the Option/Lease negotiations. Geraint is a Partner in the real estate practice group. His practice encompasses investor work, asset management, property finance, portfolio acquisitions, and clean energy projects.

As a member of the clean energy team, Geraint acts for developers, landowners and buyers of proposed and consented onshore / offshore windfarms and biomass plants. He leads the real estate aspects of Eversheds' solar practice and advised bidders for the Crown Estate's Round 1 Marine Programme.



Pegasus was established in 2003 and is now one of the leading national consultancies in the development sector. The company operates from offices in Birmingham, Bracknell, Bristol, Cambridge, Cirencester, East Midlands, Leeds and Manchester, giving itself a strong presence across the UK. Pegasus prides itself on providing a service that is second to none and gaining positive results for clients.

They have been involved in some of the country's highest profile development proposals, providing expertise across a range of areas including town, retail and environmental planning; urban and landscape design and in renewable energy schemes.

By employing specialists in these subjects they are able to offer a project management service from start to finish, creating an efficient and effective service.

The company's portfolio of renewable energy schemes is growing rapidly. A lot of this experience comes in the form of planning for solar parks, but Pegasus has also been involved in various other renewable schemes, such as on and off shore wind farms, biomass power plants and anaerobic digestions schemes. This breadth of experience allows us to offer Environmental Impact Assessment (EIA), planning and landscape advice.

Pegasus offers the highest quality service, always going one step further to ensure all needs are met and overcoming any issues that arise, thereby helping to create sustainable planning solutions.



Clarkson Woods Associates is an ecological consultancy based in Somerset. They provide a range of services, principally to the construction industry, and always in relation to the survey, assessment, protection and conservation of British wildlife and habitats.

They aim to balance their client's needs with the importance of maintaining a rich biodiversity on the site and conserving protected species. Their staff are all highly qualified and experts in surveying sites for protected species and providing advice on appropriate measures to protect wildlife whilst not unnecessarily constraining projects. They have particularly good working relationships with many of the local planning authority ecologists and where sites are found to have complex ecological constraints they find that consultation can help to smooth the planning application process.

Clarkson Woods Associates have been involved in over 50 renewable energy projects ranging from small wind turbine developments of 80KW to large scale solar projects of 50MW. They feel that renewable energy is an exciting field which has the potential to provide the UK with green energy, as well as greatly enhancing sites for wildlife such as plants, birds, mammals, reptiles and invertebrates.



Clive Onions is an Independent Consultant with over 35 years of experience in civil engineering, specialising in flood risk and water engineering related advice to Clients and Agencies.

Clive undertakes Flood Risk Assessments, Flood Evacuation Plans, investigates flooding events of local and national importance and provides general civil engineering advice. He works with a range of other Specialist Consultants to deliver a comprehensive service to Clients.

Key current roles include advising Bristol City Council on their Flood Risk Management Strategy, is advising as Independent Assessor on the cause of flooding of approx. 400 new homes in North Wales and is advising Bristol Water as their Project Manager on a planning application for a 9,000 Megalitre (150ha) Reservoir.

Clive has been active in the Institution of Civil Engineers for many years and Vice Chairman of their Expert Panel on Water for approx. 10 years. As a result of this Clive was Appointed Independent Chairman to investigate the cause of flooding from the River Thames between Maidenhead and Teddington, when approx. 400 homes were flooded. He has also reviewed Policies for Government and other Agencies on Flood Risk and Sustainable Drainage matters. Professional roles include being Chairman of the Industrial Advisory Board for the Civil Engineering and River and Coastal Engineering courses at University of West of England.

As a result of these many areas of activity in the field of civil engineering and flood risk, Clive is well known within the Profession and has good working relationships with many Agencies, assisting him to provide an efficient service to Clients.

Clive Onions BSc CEng FICE FCIWEM MStructE MCIHT



Transport Planning Associates (TPA) is a firm of consulting highway and transportation engineers with offices in Bristol, Cambridge, Cardiff, London and Welwyn Garden City. Formed in 1997 as Pinnacle Transportation Limited (PTL), the company has grown to provide transport consultancy services to a wide variety of private and public sector clients throughout the UK.

The company's core business is to provide consultancy services on the Transport Planning, Traffic Engineering and Infrastructure Design issues arising from the development of land for a variety of uses, and arising from strategic planning and master planning.

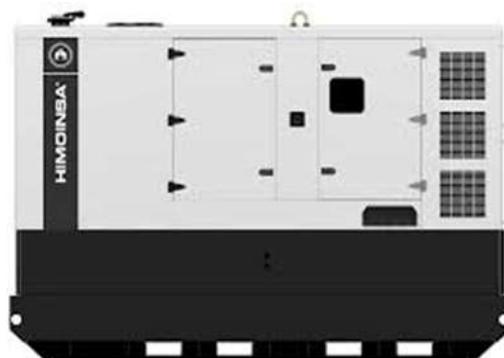
TPA has developed a very strong track record of obtaining planning permissions and delivering projects across the UK. As a result, the company's technical staff are very familiar with a significant number of key local Council highway officers and engineers that are engaged in transport projects; as well as other specialist firms that are brought together by clients into development teams.

TPA is experienced in providing transportation input into EIAs. The company has also carried out many access and feasibility studies involving abnormal/heavy loads or to constrained locations for solar and wind projects.



Cotswold Archaeology (CA) is one of the largest archaeological contractors in Britain, operating from offices in Cirencester, Milton Keynes and Andover. They are a Registered Organisation with the Institute for Archaeologists. Cotswold Archaeology is an entirely independent agency which is well versed in acting for private and public sector clients, including major developers and executive agencies. They pride themselves on their ability to deliver results on schedule; regular and informed client communication and consultation; respect for the client's need for confidentiality, and a professional and impartial approach. They successfully complete in excess of 250 projects per year, which include Desk-based Assessments and Environmental Statements, as well as archaeological fieldwork.

CA has a dedicated consultancy department with considerable experience of working within the planning process, including appearance at Public Inquiry, and formulating archaeological strategies from initial consultation and feasibility, through to development construction. This necessitates regular discussion with archaeological advisors to Local Planning Authorities across the country, as well as bodies such as English Heritage and Cadw. The consultancy department also has extensive experience in providing expert advice and services to clients engaged in the renewable energy sector, having undertaken projects for Wind Turbines, Solar Farms and Tidal schemes.



8. Contact Details

Tom Harlow
Managing Director
Mob: 00 353 87 688 7929
Email: tom@inrgsolar.com

Ian Gannon
Director
Mob: 00 353 87 910 3333
mail: ian@inrgsolar.cm

David Dean
Commercial Manager
Mob: 07771 786227
Email: david@inrgsolar.com

INRG Solar Limited,
Registered Office
14 Hyde Court,
Golf Links Road,
Roscommon,
Co. Roscommon,
Ireland

Email: info@inrgsolar.com

Website: www.inrgsolar.com

