



GETEK has more than 25 years experience in dealing with alternative energy supply systems. Based on the execution of countless projects we have gained significant experience and developed good solutions for large as well as small installations. GETEK deliver turnkey solutions and offer everything from engineering to after sales service.

We know our products!

Our field is large. GETEK works with all kinds of installations, from small autonomous installations to large complex grid connected solutions. Our solutions are to be found in the Norwegian mountains as well as in Uganda, out on the Norwegian islands and on the oil and gas installations in the North Sea as well as on the roof tops in Oslo. Where there is a need for alternative energy, we provide it.

The Getek installations are often to be found in extreme locations.



Environment



Our goal is to think clean environment in everything we do. In 2007 we cut the grid connection and became self supplied in our production facilities. By disconnecting our self from the national grid we have gained important experience. This gives us knowledge our customers will benefit from. We always give advice on energy conservation to our customers. Energy saving is usually the cheapest form of energy and is an important part of the GETEK solution.



Special Products

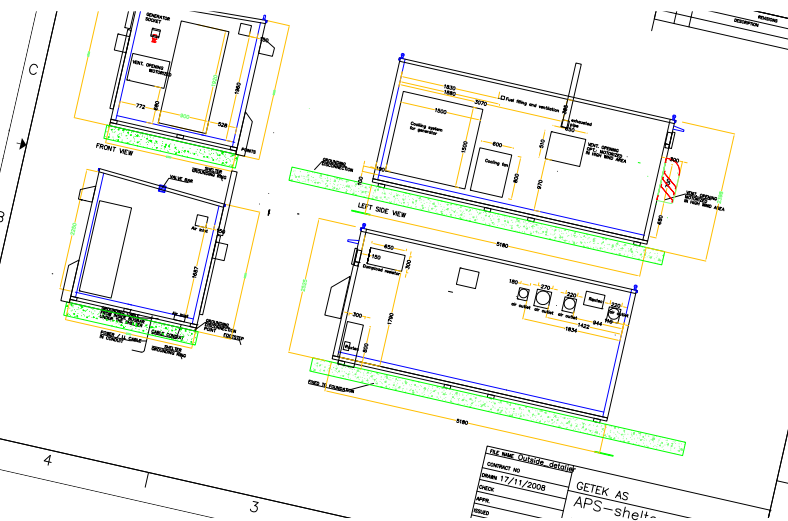


GETEK has been in this business for a long time. Based on years of experience we have developed a product we call Autonomous Power System – APS. This is a power supply unit which is installed in a kiosk and tested at our production facilities before it is transported to site. The main benefit is that the installation is conducted in a more efficient manner. The quality is better and this saves time and money. Deliverd at site, the unit is ready to “plug and play”.

Engineering

At GETEK we have solution oriented employees with solid knowledge, experiences and skills. We focus on the customers requirements and developing tailor made solutions which covers the needs of the customers. Collection of correct and accurate information is fundamental for engineering and other preparations. Where necessary we do site inspections in order to collect the correct information and discuss the solutions with our customers. This is especially the case when we are dealing with projects which have special requirements. Such requirements can be climate/weather protection, theft prevention and other things.

Preparation is important, whether it takes place in Auto-CAD at the office or at site inspection in Tanzania.



Production

In order to supply our customers with the exact product they are looking for, we often supply tailor made solutions. These solutions will be produced at our production facilities. It is expensive and time consuming to do installations in the field and by doing as much as possible at our production facilities we save time and money. For the customer it is often easier to develop the product together with us when the installations takes place at our production facility in stead of at a remote location up in the mountains.

A complete APS solution is ready to be deployed and commissioned at our customer's location.



Delivery

Often we have an exiting and challenging road ahead

Access can constitute a challenge in many of our projects. GETEK has long experience in conducting complex logistical operations in rough terrain. The solutions can be many. We often use snow mobsils, helicopters and boats in order to transport the installations to site. Many times weather conditions and seasons determine when we can do the installations. In this kind of projects it is important to take this into considerations when scheduling the work.



Installation

The installation is always an exciting part of the project.

GETEK has competent and experienced installation crews. In some cases we use partner companies trained by us. The GETEK installers have often been involved in the production and therefore also know the installation well. Our installers follow the installation all the way to the commissioning of the equipment.



Commissioning

Our responsibility is not over when the installation is completed – we also have a responsibility for commissioning. And again, we have engineered, constructed and built the installation so we therefore know the product well. This ensures a safer and more effective commissioning. It is important for us that the customer gets a positive first impression of the installation; we always do our very best to assure that the installation operates at an optimum level from day one.

One last control of the installation before commissioning



Monitoring

We offer all customers a remote monitoring system which enables the GETEK team to monitor the system from our control central outside Trondheim, Norway. At our control central we can monitor the technical performance of the system through special designed reporting systems transmitting the technical data to our control central. We are also able to perform visual inspection of the installation by using a remote-controlled camera. The camera enables us to support a local repairperson without having to be present. The monitoring enables us to detect deviations at an early stage, correct them and by this ensure a stable operation of the installation.

At our control centre we monitor the operation of the installations



Maintainence

GETEK can manage your installation

With some of our customers we have a management agreement. This means that the customer can "forget" the whole installation. GETEK monitor the installation, ads fuel when neccasery, maintain and perform the necessary service operations.



Service agreements

The season often determines when the service operations are conducted

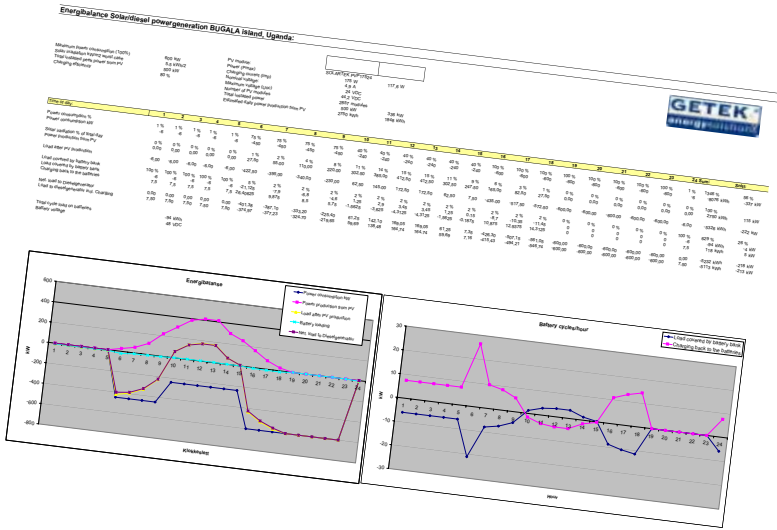
GETEK offer service agreements for all installations. The service agreement will, as everything else, be adjusted to the needs of the customer. Usually it is the running hours, location and special needs which determine the frequency of the service intervals. One year interval is usually chosen. Correct service is important for the reliability of the installations. In the international markets GETEK has agreements with local companies where we train service personnel.



Engineering

GETEK also offer engineering contracts. In our field of complex energy installations we have a unique competence due to our hands on experience over many years. We are currently, among other things, responsible for the design and engineering of one of the largest solar installations in Africa, at Bugala Island in the Ugandan sector of the Victoria Lake.

GETEK deliver well documented projects



Development

Every year GETEK allocates resources for development, research and testing of products and systems. A large part of this work is conducted at our research station on the Hitra Island at the west coast of Norway. The research station was established in 1993 with the support of the Norwegian Water Resources and Energy Directorate. On Hitra we have tested various hybrid systems based on wind turbines, solar panel installations and diesel generators. Some of the installations have been in constant operation since 1993. After we cut the cable to the grid we have also tested hybrid systems at our production facilities outside Trondheim.

We test products and systems in order to give our customers the best solutions



References

We have conducted many different projects, at just as many locations, from private lodgew to large international companies like REC and Statoil. Here is a small selection:



Tsunami surveillance system, Tafjord, Norway



Radio links, the Norwegian police

Hydrogen station, Statoil (former StatoilHydro)



Light House, Norwegian Coastal Authorities



Art Installation, Stavanger Norway



Grid connected system, hospital in Norway

Grid connected system, REC Research Centre



Radio link, Telenor

Grid connected system, Oslo Innovation Centre



More information can be found at www.getekint.com

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