

EMPOWERING CLIMATE SOLUTIONS WITH ADVANCED ENERGY TECHNOLOGY FOR A SUSTAINABLE CARIBBEAN.

Affordable Island Communications Inc. (AisleCom) empowers small island states through telecommunications, IT, energy technologies, and agricultural biotechnology. As a Grenadian owned technology company, we connect people, nurture progress, and sustain the future, through innovative solutions that illuminate the path toward a brighter tomorrow.



Energy Technology Portfolio:

Affordable Island Communications Inc. (AisleCom) harnesses over 25 years of expertise in renewable energy to deliver cutting-edge sustainable solutions to consumers. We specialize in Energy Efficiency (EE) measures and Distributed Photovoltaic (DPV) systems. Our comprehensive services encompass consulting, design, installation, and maintenance for both on-grid and off-grid renewable energy projects. We have successfully partnered with notable clients such as Verizon Telecommunications, the Grenada GUT Community Center via the NTRC project, SpiceMobile Telecommunications, and numerous residential clients. Our energy technology division is led by a highly experienced electrical engineer with a master's degree in the field and over 30 years of industry experience, ensuring that we stay at the forefront of innovation in the energy sector.

*Our effective principles for **energy efficiency systems** involves outlining key standards and practices that guide the design, development, implementation, and management of these systems to maximize energy savings and minimize environmental impacts.*

Our Creed



OPTIMIZATION OF RESOURCE USE

DESIGN AND OPERATE SYSTEMS TO USE ENERGY AND OTHER RESOURCES AS EFFICIENTLY AS POSSIBLE



DEMAND-RESPONSIVE OPERATIONS

UTILIZE SMART GRIDS, ENERGY MANAGEMENT SYSTEMS, AND AUTOMATED CONTROLS TO ENHANCE RESPONSIVENESS AND EFFICIENCY.



INTEGRATION OF RENEWABLE ENERGY SOURCES

INCORPORATE RENEWABLE ENERGY SOURCES LIKE SOLAR, WIND, AND GEOTHERMAL WHEREVER FEASIBLE TO REDUCE DEPENDENCE ON NON-RENEWABLE ENERGY SOURCES AND DECREASE GREENHOUSE GAS EMISSIONS



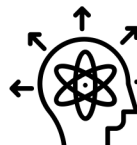
RESILIENCE AND RELIABILITY

DEVELOP ENERGY SYSTEMS THAT ARE NOT ONLY EFFICIENT BUT ALSO RELIABLE AND RESILIENT TO DISRUPTIONS. THIS INCLUDES HAVING CONTINGENCY PLANS AND ROBUST INFRASTRUCTURE CAPABLE OF WITHSTANDING VARIOUS OPERATIONAL STRESSES.



USER EDUCATION AND ENGAGEMENT

EDUCATE USERS AND STAKEHOLDERS ABOUT THE BENEFITS AND OPERATIONS OF ENERGY-EFFICIENT SYSTEMS.



CONTINUOUS IMPROVEMENT AND INNOVATION

ENCOURAGE ONGOING RESEARCH, DEVELOPMENT, AND ADOPTION OF NEW TECHNOLOGIES AND METHODS THAT IMPROVE ENERGY EFFICIENCY.

Harness the Power of Innovation with AisleCom Inc.

At AisleCom Inc., we're not just about powering homes and businesses; we're about empowering entire island communities with sustainable and innovative energy solutions. Dive into a world where energy efficiency meets cutting-edge technology, and discover our comprehensive range of alternative energy technology and management services.

Elevate Your Energy Experience

Solar and Wind Solutions: Transition to renewable energy with our industry-leading solar panels and wind turbines designed for maximum efficiency and reliability, even in the most challenging island environments.

Energy Management Systems: Utilize our smart energy solutions that monitor, control, and optimize your power usage, reducing costs and increasing efficiency without compromising on your energy needs.

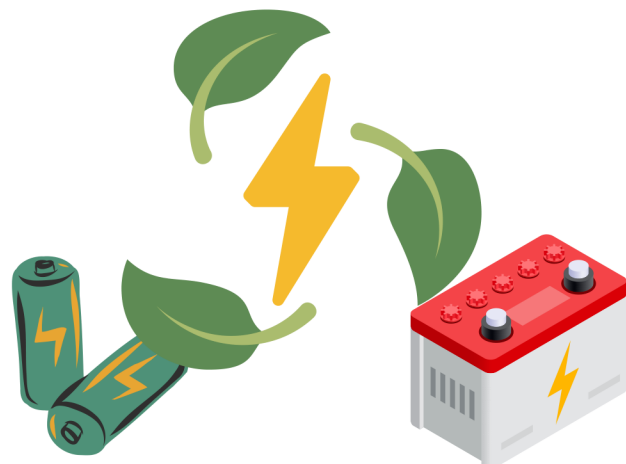
Custom Installations and Energy Design Solutions: From initial design to final implementation, our tailored installations and bespoke energy design services ensure that your unique energy requirements are met with precision and care. We specialize in creating systems that are optimized for performance, cost-effectiveness, and environmental sustainability.

Energy Efficiency Services: Improve your energy consumption with our expert energy audits, retrofitting services, and energy conservation measures that ensure you use less energy while maintaining optimal performance.

Battery and Energy Storage Solutions: Enhance your energy resilience with our advanced battery systems and storage solutions, ensuring a reliable and continuous power supply even during off-peak hours.

Sustainable Innovations for a Brighter Tomorrow

AisleCom Inc.: Your Partner in Sustainable Energy Innovation.




Our Unique Approach



AilseCom Inc., leveraging its robust background in advanced IT, telecommunications and networking, integrates state-of-the-art information technologies into the lifecycle management of alternative energy systems. Our comprehensive approach begins with the initial assessments, where we use predictive analytics and data modeling to optimize the design and placement of technologies such as solar photovoltaics and wind turbines.

During the installation phase, our expertise in networking facilitates the deployment of smart monitoring systems that seamlessly connect each energy unit to our central management platforms.

These systems enable real-time monitoring and control, allowing for instantaneous adjustments to enhance energy production and efficiency. Furthermore, our IT infrastructure supports the implementation of advanced algorithms for predictive maintenance and performance optimization, ensuring that each component operates at peak efficiency throughout its lifespan. By integrating IT solutions into every phase of the alternative energy lifecycle, AilseCom not only enhances the operational effectiveness of these systems but also ensures that they contribute to sustainable practices and environmental stewardship effectively. This synergy between our IT capabilities and alternative energy expertise exemplifies our commitment to pioneering innovations that drive energy sustainability forward.



Contact

Dave George

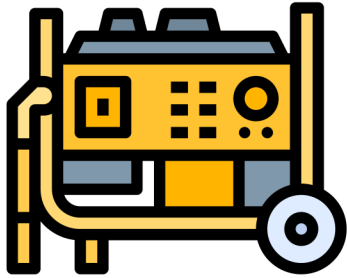
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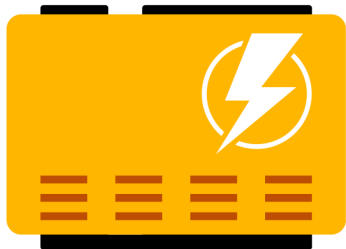


We Source, Supply, Install and Manager Generators



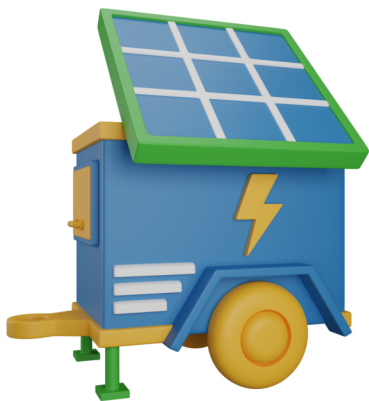
Portable Generators: These are typically powered by gasoline, diesel, or propane and are useful for temporary power needs, such as during a power outage. They range in size and power output and can be moved around easily.

Standby Generators: These generators are installed permanently near a residence and automatically start supplying power when the main grid fails. They usually run on natural gas or propane and are designed to handle the whole home's power load for extended periods.



Inverter Generators: Known for their quiet operation and efficiency, inverter generators adjust their electrical characteristics to produce only the amount of power needed at any given time. They are ideal for powering sensitive electronic devices because they provide stable and clean power.

Solar Generators: These use solar panels to capture energy from the sun, which is then stored in batteries and converted to electrical power when needed. Solar generators are a clean, quiet, and renewable alternative, especially suitable for areas with abundant sunlight.



Hybrid Systems: Combining solar panels with other forms of power generation, such as a battery storage system or a backup diesel generator, hybrid systems can provide reliability and sustainability. These systems are becoming more popular as they can be tailored to the specific energy needs and geographical conditions of the residence.

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SOLAR POWER

Services

Step 1: Energy Audits

We start with a comprehensive energy audit to analyze your current energy usage and pinpoint opportunities for efficiency improvements. This initial assessment helps tailor our approach to meet your specific energy needs.

Step 2: System Design

Based on the audit findings, we design a custom solar power system. This involves selecting the optimal components such as solar panels and inverters, and designing the layout to maximize energy capture and efficiency.

Step 3: Procurement & Installation Services

Our team of skilled technicians undertakes the installation of your solar system. We ensure that all components are installed safely, correctly, and in compliance with local codes and regulations.

Step 4: Online Remote DPV Installation and Monitoring

Utilizing advanced Distributed Photovoltaic systems, we provide online remote monitoring and management of your installation. This technology enables us to ensure optimal system performance and troubleshoot any issues from afar. Our Network monitoring solution includes additional cyber security support.

Step 5: Maintenance and Support

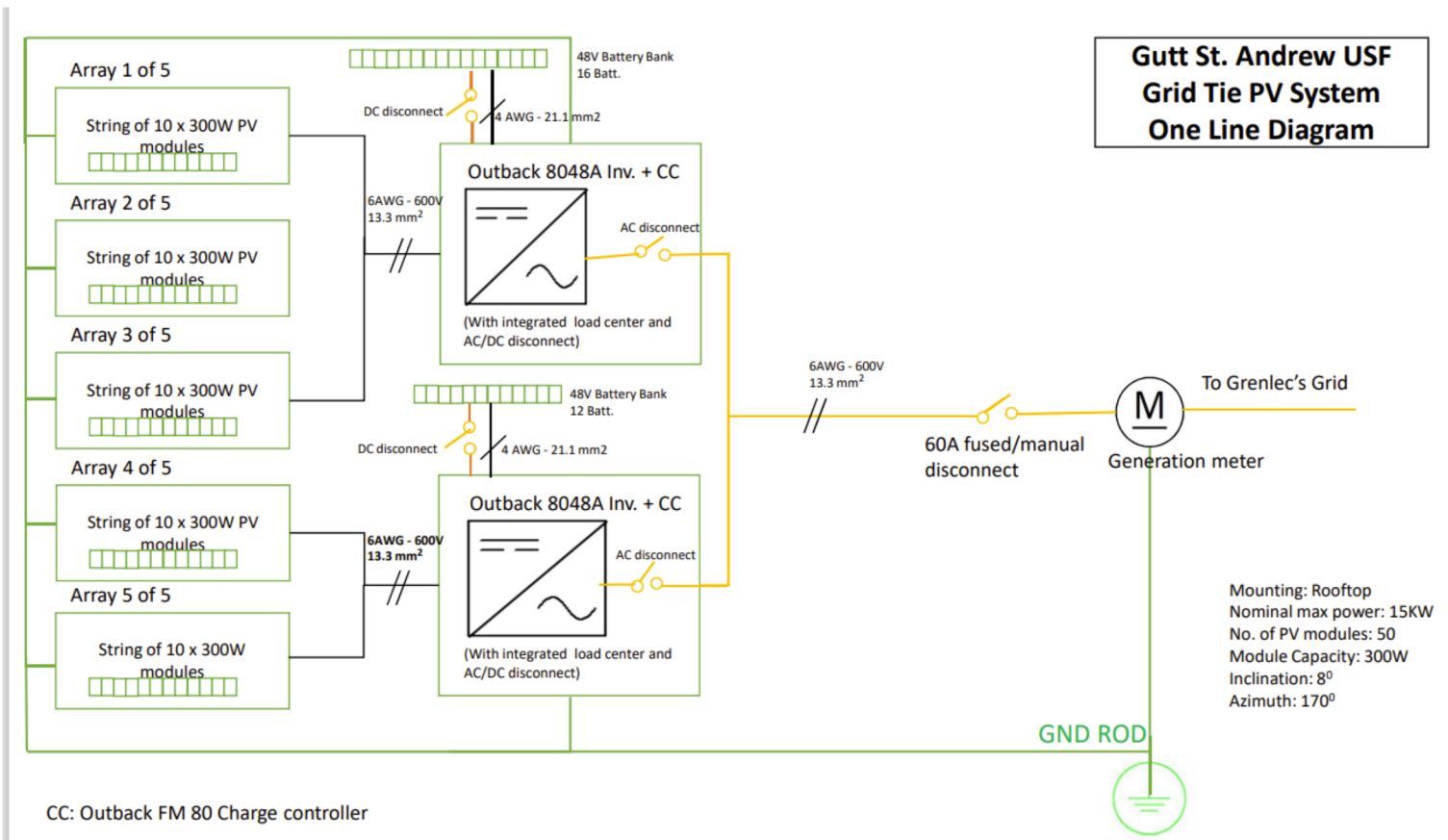
We offer ongoing maintenance and support to maintain the efficiency of your solar system over its lifespan. Regular services include system check-ups, cleaning, and any necessary repairs or updates.

This structured approach ensures that each solar installation is handled professionally and efficiently, with a focus on maximizing the system's performance and the client's satisfaction. Our Telecommunication network is built with security by design allow for system to be safe from cyber intrusions.





Energy Design Projects



Telecom

Affordable Island Communications Inc. (IsleCom) is a comprehensive telecommunications provider based in Telescope, St. Andrew, Grenada.

This local company is behind well-known brands such as **Spice Mobile, Spice Card, and IsleCom WIFI**, offering a broad spectrum of services.

These include not only traditional telecommunications but also project management, logistics, business support, and IT services.

Moreover, IsleCom is engaged in energy management and agriculture technology solutions, positioning itself as a versatile provider in both the tech and sustainable development arenas. This diverse offering caters to a variety of needs in small island states, emphasizing innovation and sustainability.



Enterprise WiFi

Experience Seamless Connectivity with AlsleCom's Island-Wide WiFi Network

AlsleCom operates an expansive island-wide WiFi network, boasting over 200 nodes to ensure comprehensive coverage and unparalleled service. Whether you're setting up WiFi for a new venture or upgrading your existing business connectivity, AlsleCom is your go-to expert.

Tailored WiFi Solutions Just for You Our seasoned team is skilled in deploying a wide range of leading WiFi platforms including **Ubiquiti, MikroTik, Proxim, LigoWave, Cambium, Cisco, Mimoso, and many others.** We're here to source and set up the ideal system tailored to your specific needs.

Advanced Features for Enhanced User Experience Enhance your WiFi service with advanced features like user authentication and captive portal configurations, which not only secure but also personalize user access. Download Our Brochure Learn more about how AlsleCom can elevate your business connectivity.



**We we love to
connect with you.**



Connect

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