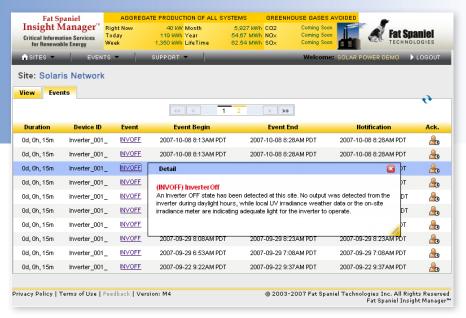


# RENEWABLE ENERGY SYSTEM MONITORING FOR PPA SERVICE PROVIDERS: MAXIMIZE YOUR ROI ON POWER PURCHASE AGREEMENTS



View all systems with the Fat Spaniel Insight Manager™, which enables managing all your customer sites through a single portal. The event management module generates alerts and logs system faults, so you can quickly diagnose and fix the problem — ensuring every site is producing energy at its optimal capacity.

### **Renewable Energy Monitoring Services**

As a PPA service provider, you build, manage, and maintain renewable energy systems that enable commercial and industrial companies, government agencies, and non-profits to 'go green' with no upfront capital costs, through power purchase agreements (PPAs). To maximize your return on investment and reduce risk to cash flow, you need the highest quality monitoring services that can deliver accurate reporting and billing data, ease system management, and lower operation and maintenance costs. You can rely on Fat Spaniel Technologies, the market leader in providing remote monitoring solutions for timely, accurate, and verifiable energy system performance data.

#### Increase Operations and Maintenance Efficiency

Fat Spaniel's comprehensive diagnostic and maintenance services help you efficiently manage your assets. You can set up alerts as early-warning systems to let you proactively respond to outage or performance degradation issues. Fat Spaniel Insight Manager<sup>TM</sup>, a Web-based portal for managing multiple customer sites, provides an at-a-glance overview of all your sites, shows their health status, offers a detailed event log including decoded inverter faults to simplify problem diagnosis, and stores asset information. These powerful capabilities help increase system output and minimize support costs, improving customer satisfaction and boosting cash flow.

Critical Monitoring and Reporting Services for Renewable Energy Systems

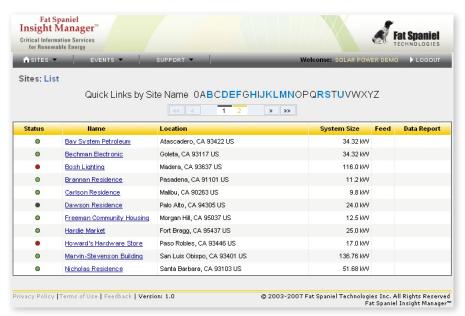
#### **Benefits**

- Accurately measure and bill for energy generated
- Ensure RECs are recorded, verified and reported
- Gain additional revenue from performance-based incentives (PRI)
- Remotely monitor, manage, and diagnose systems for maximum production
- Proactively respond to fault and maintenance issues through automatic alerts
- Perform remote diagnostics, updates, and resets for optimized performance and reduced support costs
- Use web-based views to showcase success stories
- Educate customers through dynamic views of systems
- Improve your ability to secure project financing

For more information, please contact your installer or visit www.fatspaniel.com

Our sales and technical specialists will also be glad to help you at sales@fatspaniel.com or call 1.408.279.5262

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Get an overview of your system's health by checking on their status. A "Green" status means that your system's operation is normal. "Gray" means no event has been triggered and the status is unknown, and "Red" means there is a system performance issue.

#### **Trusted Performance Data**

As a trusted, independent, third-party provider of monitoring and reporting services, Fat Spaniel enables PPA service providers to increase the return on their PPAs by delivering the critical data needed for billing, Renewable Energy Certificates (RECs), Performance-based Incentive (PBI) reports and service-level agreement (SLA) tracking. Fat Spaniel offers reporting that is based on highly accurate performance and usage data that is captured and then stored at a robust SAS-70 certified data center. This data can be provided in the form of reports, data downloads and XML data feeds that can be directly integrated into applications such as your billing system.

#### More Effective Marketing and Education

Fat Spaniel's Web views enable customers, investors or even the general public to more readily see what's going on with the renewable energy systems you're managing. These graphical views make it easy to understand how much energy is produced and consumed, whether energy is being imported or exported to the grid, and what greenhouse gas emissions are being avoided as a result. Custom views can also be produced for your enterprise or government customers who want to showcase their renewable energy systems for marketing or educational purposes – a key benefit beyond the purely economic impact of generating renewable energy.

Contact Fat Spaniel today to find out how we can help you more proactively support solar electric systems.

## Basic Renewable Energy Monitoring Includes:

- 24x7 Internet-enabled monitoring service
- Web-based views showing how your solar electric system is working
- Automatic calculation of reduction in greenhouse gas emissions
- Automatic fault alerts via email or SMS
- Online storage of your data and system information, hosted at Fat Spaniel's data center
- Revenue-grade metering and reporting for Performance-Based Incentives (from programs such as the California Solar Initiative) or Renewable Energy Credits (REC)

#### **Optional Features:**

- XML data feeds for billing
- Basic Weather Station for measuring irradiance, air temperature and solar module temperature
- Full Weather Station including the above plus wind speed and direction
- Energy demand measurement
- Internet broadband, cell modem or satellite-based communications
- Insight Manager™:

   a multi-site management
   portal with access to all of
   your customers' sites and
   data including aggregate data

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