

# SSTELEMATICS

## WIRELESS REMOTE GENERATOR AND TOWER MONITORING SYSTEM



### Our Generator Monitoring Solutions Lets You Run a More Profitable Business

**We build wireless remote generator monitoring systems for on-site power, standby power, and phone tower site monitoring applications.** SStelematics is an advanced field-proven telemetry system for the management of mobile and fixed machinery such as Generators and Compressors. This system can interface with intelligent generator controllers or connect directly to switches and sensors fitted to simpler machinery to monitor engine operations and detect pre-alarms or failures. This insures you **of increased generator availability and a rapid response to service problems.**

SStelematics can be used for generator and tower analysis through advanced report and graphing facilities coupled with the in-built service and refueling predictions. We use state-of-the-art communications to identify engine problems before they become real power problems.

Receive Alarms as an SMS on your mobile phones!

Receive Alerts via email!

Get Live Status Online!



**"It's like having a technician on site 24 hours a day!"**  
**No matter how far away the equipment is located — its real-time condition is available 24 hours a day via the internet** - in an easy-to-read format, delivered directly to computer or cell-phone. Our system is fully scalable and we offer a user-friendly web-based user interface where the entire fleet system can be viewed as one.

### Enhanced management with alerts, notification, and reports

- ✓ Genset Start / Stop
- ✓ Main Power on/off
- ✓ High Temperature
- ✓ Low Coolant Water
- ✓ Fuel Reserve
- ✓ Fuel Refuel
- ✓ Fuel Drain
- ✓ Fuel Cover Open
- ✓ Genset Canopy Open
- ✓ Low Oil Pressure
- ✓ Overload
- ✓ Emergency Stop
- ✓ Overview Reports
- ✓ Working hours Reports
- ✓ Alerts Reports
- ✓ Utilization Reports
- ✓ Fuel Summary
- ✓ Device Summary

# How will you benefit

**Save money and time with our generator monitoring equipment!** Make intelligent use of our available information to improve your service process.

There are many measureable benefits of our generator and tower monitoring system. Sensors on the monitor are capable of detecting the smallest change in a multitude of inputs such as temperature, voltage, and pressure, just to name a few. Right from the date of installation, the SStelematics monitor is tracking and posting historic engine information in a secure database, ready for reporting and further analysis.

- Prevention of predictable failure
- Increased customer confidence
- Minimized customer downtime
- Real-time alerts sent directly to your desktop, laptop, or phone
- Early detection of problems
- Efficient scheduling for service technicians
- Remote equipment command and control
- Clear alerts from any location
- Continuously updated web-based reports in an easy-to-read format
- Free SStelematicssystem auto-updates
- Affordable price and quick ROI
- Remote start / stop capability
- Make predictive, prioritized maintenance calls
- Clear alarms, reset systems and control equipment
- Critical engine data organized
- Custom reporting available
- Asset location via GPS
- No Billing surprises
- Remote diagnostics tolls
- Provides ability to schedule fuel deliveries
- Historical performance data available



**It has been proven by our customers that reporting critical operating conditions minimizes downtime and maximizes availability by sending generator failure alert messages instantly to managers.**

## Monitor Your Generators

### Wireless:

No Phone Lines Needed!  
Live Status Updates

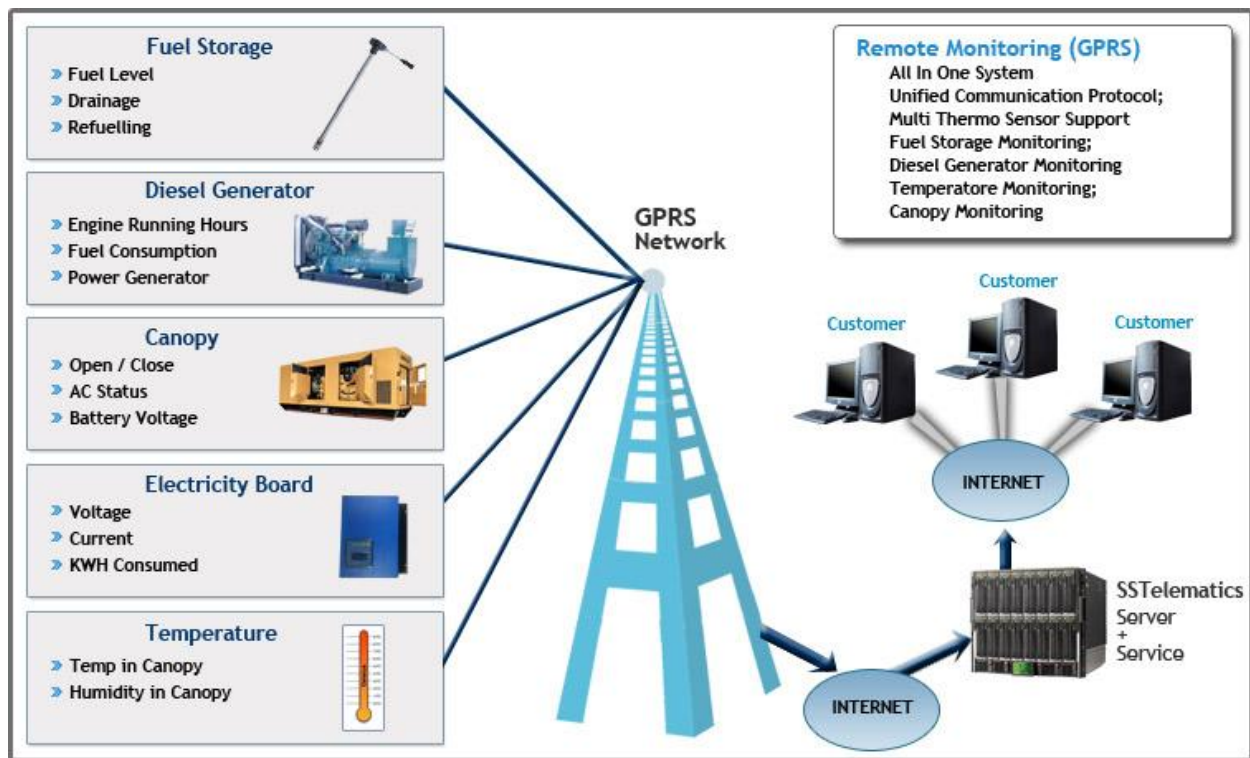
### Web-Based:

No Software Purchase Necessary!  
No Software to be Installed!

### Affordable:

Low Cost  
Quick ROI

## How It Works



## Features of our generator monitor:

- Cellular and Satellite connectivity options for global installations
- Standard alarm and analog inputs and web-controlled relay outputs
- Applicability to all major brands of generator sets
- Compact size
- Easy installation (by our installers)
- Built in backup battery option
- The LAN-to-Internet offers the most powerful and lowest cost connectivity

## How do you save money and time with our generator monitoring equipment?

- By accessing the continuous stream of valuable data provided by generator controller
- The intelligent use of this available information to improve the service process.

# SSTelematics Reports

Access reports 24 hours/day through our secure customer web interface

**Home**

Date: 11/1/2011 Location: Praj Industries Bavdhan [Get Data](#) [Play](#) [?](#)

Time: 02:06:02:513

00:00 1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.00 19.00 20.00 21.00 22.00 23.00 24.00

Engine Hours 00:00 Fuel Level (l) 100.00 **GenSet Status**

**EB Status** **Emergency Status** **AC** **SMPS**

Current(Amp)1 0.0 Volts - Phase 1 269 Frequency (Hz) 49.7 Humidity (%) 15.9

Current(Amp)2 7.0 Volts - Phase2 259 Temp (C) 34.0 Power (kwh) 66.0.3

Current(Amp)3 10.0 Volts-Phase3 257 Battery Level 56 **Tower Status**

**EB Status** **Gen Set Status** **Emergency Stop**

**Canopy** **AC** **SMPS**

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**Live Status** [Refresh](#)

Location Name	Received Date	EB Status	GenSet Status	Emergency Stop	Engine Hours	Canopy	AC	SMPS	Fuel Level (litres)	Temp (°C)	Humidity (%)	Battery Level (Volts)	Freq (Hz)	Voltage (Volts)			Current (A)	
														Phase1	Phase2	Phase3	Phase1	Phase2
Mahalaxmi Society	12/01/2011 11:42:57	On	Stopped	On	11:15	Closed	On	On	159.00	18.0	47.0	55	49.5	224	229	226	5.0	2.0
DSK Vishwa	12/01/2011 11:42:56	On	Stopped	Off	01:52	Closed	On	On	113.00	25.0	22.9	55	49.5	220	212	229	7.0	15.0
Praj Industries Bavdhan	12/01/2011 11:42:52	Off	Running	Off	14:25	Open	On	On	134.00	32.0	15.9	55	51.1	239	237	238	2.0	9.0
Kailash Society	12/01/2011 11:42:58	On	Stopped	Off	04:35	Open	On	On	143.00	15.0	51.0	55	49.5	241	242	251	3.0	5.0
Pride Kumar	12/01/2011 07:55:34	Off	Running	Off	385:07	Closed	On	On	104.00	25.0	26.4	55	50.4	240	230	235	2.0	3.0

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Home Live Status Device Alert Setting Maintainace Reports Log Out