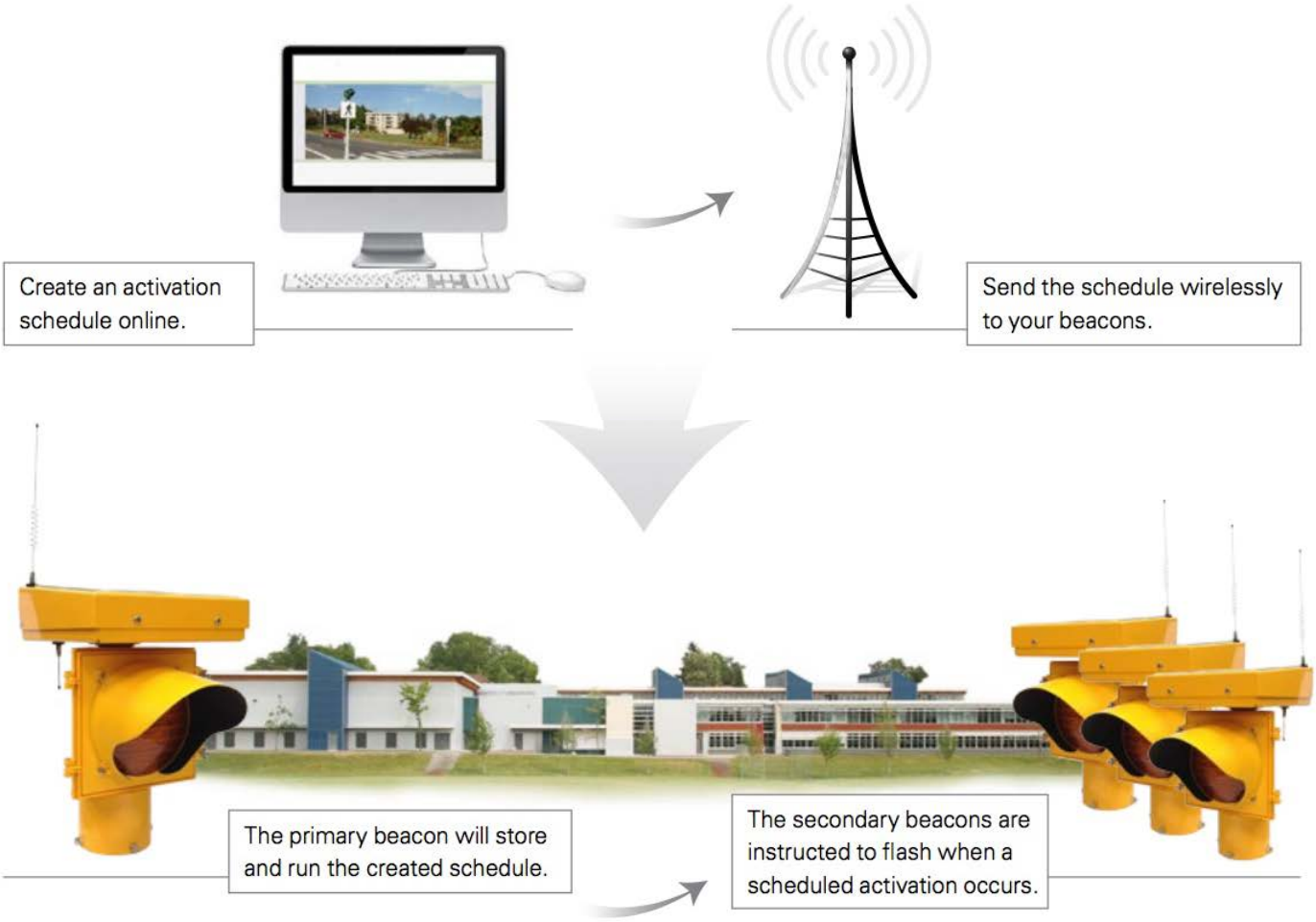
# SPECS

urbanrenewables

## Solar Series Wireless Scheduled Beacons System




The Solar Series Wireless Scheduled Beacons System is designed specifically for areas where traffic patterns can change at different times of the day or week: such as school zones, playground areas and construction zones. The system enables scheduled or on-demand use of the warning beacons only when required, ensuring the flow of vehicle traffic is unaffected outside of the desired operational period. The Solar Series Wireless Scheduled Beacons Systems give authorized users the ability to pre-set and schedule all beacon operations and characteristics via website access or on-demand via mobile device with connection to the 3G / 4G cellular networks.

| APPLICATIONS | |
|---|---|
| **School Zones** | Slow drivers down and keep them alert as they pass through school zones |
| **Road Conditions** | Alert drivers to weather alerts and other road status |
| **Playground Zones** | Remind drivers to slow down for playground zones |

solarseries™

**Web: www.urbanrenewables.com**
Email: info@urbanrenewables.com
Phone: +1 (250) 590 1272

# BEACONS

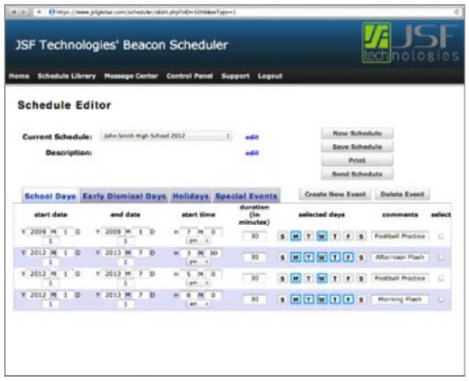
The Solar Series Wireless Scheduled Beacons System consists of a combination of two types of beacons: Primary Beacons and Secondary Beacons. Each classified zone has one primary beacon that contains a 3G / 4G cell phone modem and stores the uploaded flash schedule. Each zone can have any number of secondary beacons that receive on/off signals from the primary beacon. When a primary beacon receives an instant activation command or encounters a scheduled activation period, the primary beacon relays the activation command to the secondary beacons instantaneously.

## PRIMARY BEACONS

| | |
|---|---|
| A primary beacon's function is to receive and relay preset operating schedules to the secondary beacons, and accept and relay on-demand activation messages from authorized cell phone users. | |
| **Communication** | |
| **Incoming Commands** | 3G or 4G cell phone communication (with reception) |
| **Between Beacons** | ISM spread spectrum radio, 902-928 MHz |

## SECONDARY BEACONS

| | |
|---|---|
| A secondary beacon relies on its associated primary beacon to be notified of all activation commands. | |
| **Communication** | |
| **Incoming Commands** | Relies on the primary beacon's commands |
| **Between Beacons** | ISM spread spectrum radio, 902-928 MHz |




The Solar Series Wireless Scheduled Beacons System makes the operational characteristics exceptionally convenient. It allows the beacons to run on a preset schedule that can be created remotely and sent to beacons with 3G / 4G cellular communication (primary beacons). This means if the schedule needs to be adjusted, there is no need to visit the installation site with a bucket truck or ladder. The schedule creation interface can accept multiple years of flash schedules (dependant on the complexity of the schedule) and allows authorized users to easily change from the standard pre-set schedule if needed. The scheduling website offers on-demand user capabilities, ensuring end users are able to access these systems in areas without cellular capabilities or reception.


Manage schedules for multiple beacons.


Send instant commands for unexpected changes.


Add and manage extra users to help.

solarseries™

**Web: www.urbanrenewables.com**
Email: info@urbanrenewables.com
Phone: +1 (250) 590 1272