Configuring the REbus Beacon™

Like other Energy Island devices connected to an Islanding inverter, REbus Beacon has a device page that you can view on the inverter front control screen. This page is where you will configure a Time of Use (TOU) schedule and modify other settings for Beacon. Refer to the Islanding Inverter Operation Manual for complete instructions on changing system Operating Modes, viewing device pages, and using the inverter controls.

REbus Beacon intelligently switches the Islanding Inverter's operating mode based on a pre-programmed schedule. Refer the table below to determine which schedule is appropriate for your application. As of the publishing date (December 27, 2017 11:20 AM) Pika REbus Beacon ships with three pre-programmed schedules appropriate for use in three different markets.

REbus Beacon Modes

Schedule name	Schedule Description	Schedule Code
SDGE_DR-SES	San Diego Gas and Electric DR-SES plan	1
SGIP_2018	Self-Generation Incentive Program	2
HI_SMART-EXP	Hawaii Smart Export (CSS)	3

REbus Beacon Timezones

Timezone	UTC	EST	CST	MST	PST	AKST	HST
Code	0	1	2	3	4	5	6

REbus Beacon Modes: schedule details

	Summer (6/1-10/31)				Winter (11/1-5/31)	
	Week Days		Weekends		Week Days	Weekends
	4pm-9pm	9pm-4pm	4pm-9pm	9pm-4pm	All Day	All Day
SDGE_DR-SES	SS	CB	CB	CB	CB	CB
SGIP_2018	SS	SS	SS	SS	CB	CB
HI_SMART-EXP	SS	SS	SS	SS	SS	SS

SS = Self -supply mode

CB = Clean Backup mode

Configuring and Running a TOU Schedule

1. Start by navigating to the Beacon device page.
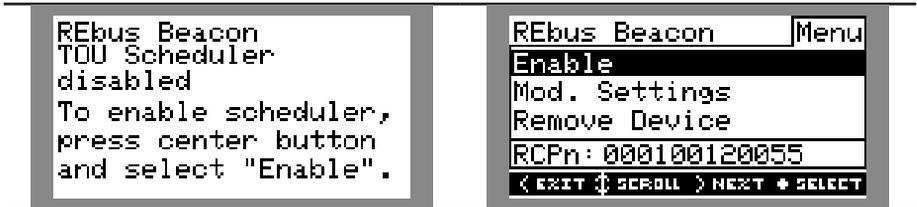
Fig 1. The REbus Beacon device page: Beacon is disabled by default

Fig 2. Enable Beacon

2. Press the center button to bring up device menu (Fig 2)
3. Enter the "Mod. Settings" menu (Fig 3)
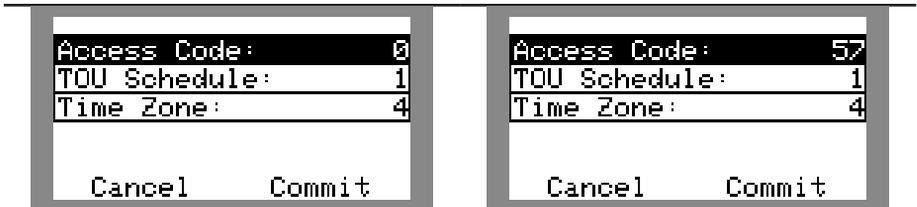
Fig 3. Default settings

Fig 4. Access code entered. Changes to schedule can now be made.

4. Press the center button to enter into edit mode on the entry, which will turn the cursor from blinking to solid.
5. **Enter Access code: 57**
6. Use the up and down arrows to edit the entry value (Fig 4). Once the desired value is set, press the center button again to leave edit mode.
7. Edit each field according to your TOU schedule and timezone.
8. To commit the changes to all entries and exit the settings menu, press the down arrow until you highlight "Commit". Press the center button, then use the arrows and center button to confirm your choice.
9. Commit your changes, the scheduler will automatically enable and begin operating.