Economy Exterior Smart Meter Shield Kit
Installation Instructions

Warning! Your smart meter is the place through which *all* the electricity in your house passes. Do NOT tamper with it, do NOT beak the seal, do not bang on it, and do not apply any liquids to it. If the transparent housing on the meter is broken or damaged in any way, DO NOT install this shield.

Smart meters have been known to catch on fire (usually when the power is turned back on after a power outage). The presence of this shield, when properly installed, will have no effect on this. It will not cause a fire, and it will not prevent a fire.

Figure 1

1) Locate your smart meter, Figure 1
2) Clean and dry the exterior of the glass, especially on the bottom. Use only a damp cloth.

Figure 2

3) Hold the <u>larger</u> Velcro® strip on the bottom of the smart meter glass and trim any excess which protrudes from the front of the smart meter. Peel the adhesive backing and position this Velcro® strip on the bottom of the glass as shown in Figure 2.
4) Position and adhere the <u>smaller</u> Velcro® strip on the top of the glass as shown in Figure 3.

Figure 3

Figure 4

5) Press one short edge of the shielding fabric into the bottom hook material. Only cover ½ of the hook material, see Figure 4.
6) Wrap the shielding fabric snugly around the meter glass. Make sure the fabric extends all the way to the metal housing. Do not leave an uncovered gap where the meter glass meets its metal housing. Figure 5.
7) When you are satisfied with the position of the shield, press it firmly into the top and bottom Velcro® strip.

Figure 5

Figure 6

8) Trim excess shielding fabric to the desired length, see Figure 6. Leave a little extra fabric so it is easy to connect the ground cord. The excess fabric covering the face of the smart meter can be left in place or trimmed away.
9) Connect one end of the ground cord to the shield and the other to a convenient place on the metal meter housing, see Figure 7.

Figure 7

That's all there is to it. Of course, you can add a separate shield on the wall *behind* the smart meter if you wish to protect the indoor space as well. See **www.lessemf.com/smart.html** for details

<u>Once Shield is installed, can our utility company still read our meter?</u>
Yes, the design of this shield allows the utility company to receive your energy usage readings remotely and by direct visual inspection.

<u>Is it illegal to put the shield on a Smart Meter?</u>
No, it is not illegal to put this shield on your smart meter. It <u>is</u> illegal to break the glass or security seal on your smart meter. Please do not break them.

<u>Will the utility company take it off?</u>
No, usually not. Utility companies don't usually care what you do to the smart meters as long as you:
- Don't break the glass or security seal… - Don't prevent them from receiving their signal… - Don't block the access to <u>their</u> meter.

<u>Can I measure the shielding performance?</u>
Yes, definitely. You will need a suitable RF meter such as the Acoustimeter or High Frequency Meter (see http://www.lessemf.com/rf.html). Set the meter in a fixed position and monitor the radiation output from your smart meter. Without moving your RF meter, install the shield and see the difference in your meter readings. Note! The RF meter should be positioned to the side of the smart meter and should be far enough away that the RF meter does not exceed its maximum range.