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Company/Organization:   **BOTTLING COMPANY
OF NORTHERN
NEW ENGLAND**



Challenge or Opportunity:

Before our plastic PET bottles were filled, they had to be shipped from Southeastern Container in Hudson, New Hampshire to our production facility in Londonderry, NH. Our trucks were capable of hauling much more weight than what they were handling, but shipping empty containers took up a lot of space. Not only were we spending a lot of money on shipping pre-filled containers, we were spewing a lot of emissions.

Approach or Solution:

In 2012, CCNNE invested in a blowmold at the Londonderry Production Center. The blowmold takes preforms, which look like test tubes made of PET (see right), heats them with an infrared light, then blows the preforms into bottles at 600-900 bottles per minute.

Impact:

Since preforms are smaller than their bottle counterparts, it only takes one truck instead of ten to haul pre-filled PET containers. This reduced emissions and trucking involved with pre-container shipping by 90%. In addition, the blowmold recycles 30% of its used air back to the plant air system, saving energy. In total, the blowmold saves about 530,000 kilowatt hours annually.



