

# NRG GOALPOST BOOM

## How It Works:

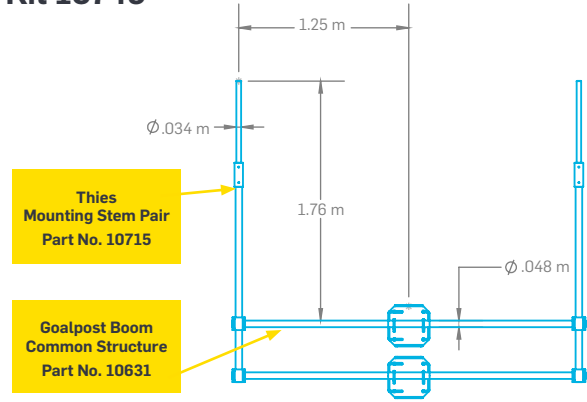
The NRG Goalpost Boom mounts a pair of either WindSensor P2546-OPR or Thies First Class Anemometers on the NRG 80m XHD TallTower. Mounting one of both sensors is also an option. Anemometer cups are positioned at exactly 80m above ground level, 2.5m away from each other and 1.99m above the horizontal arm of the boom. This configuration complies with guidelines provided in Annex G of the IEC 61400-12-1:2005 standard when installed on NRG 80m XHD TallTower, a solution that is well-suited for power performance testing at operating wind farms.

## Why NRG Towers?

NRG tubular tilt-up towers allow companies to perform both internal and contractual power performance testing in a way that does not require the installation of a permanent met tower or long-term permitting. These towers reduce the overall cost of the test, allow for short lead times (typically less than a week), and come in an efficient and portable single package, offering more logistical flexibility for wind farm developers and operators working in remote locations.

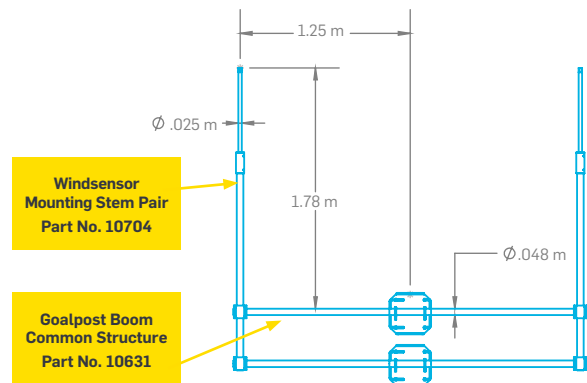
NRG TallTower users can also choose to deploy the NRG Goalpost Boom during their wind resource assessment campaigns when top-mounted anemometers must be mounted in accordance with Annex G of the IEC 61400-12-1:2005 standard.

## Kit 10749



10749 includes the Goalpost Boom, mounting stems for two (2) Thies First Class Anemometers, and a short 8-inch diameter tower tube section.

## Kit 10750



10750 includes the Goalpost Boom, mounting stems for two (2) WindSensor P2546-OPR Anemometers, and a short 8-inch diameter tower tube section.