

A_1P onshore WTG ENERCON E-70 E4



Picture provided by [mitsos](#)

Description

This is the model of a 2 MW onshore wind turbine based on an [Enercon E-70 E4](#). It has a rotor diameter of 70m and a hub height of 75m (for these specific models I made). The interesting fact is that Enercon was one of the first onshore WTG to use the direct drive technology, meaning there is a large diameter multi-pole ring generator that allows to cut out the gearbox and therefore save cost on gearbox oil and maintenance. The typical drop form of the nacelle is created by surrounding this large diameter ring generator.

Content

This File contains two wind power plant lots appearing in your power plant menu, one for the producing turbine with 7 different rotor rotation angles, that change automatically when plopped. Another one lot with a WTG idling or undergoing maintenance (3 different models also changing automatically at plopping). The production is set to 2000 and the O&M costs are 40\$ per month. The stopped turbines have no power output.



A_1P A_1P_ENERCON_E-70E4

- 7 different rotor blade positions



A_1P A_1P_ENERCON_E-70E4_M

- Idling (2 positions) or at maintenance: Rotor locked in y-position, nacelle hatch open, personnel working on met mast

Dependencies

- none

Instructions

Unzip and place in plugin folder, eg.:

C:\Users\<USER>\Documents\SimCity 4\Plugins



Pictures provided by [mitsos](#) – many thanks for this! Make sure to check out his amazing [City Journals](#).

Have Fun!