

WIND ENERGY SYSTEM

ABSTRACT

5 A wind energy system 10 comprises a wind tunnel module 12
having openings 14a and 14b at opposite ends. The
openings have substantially the same cross-sectional area
although the cross-sectional area of the wind tunnel
module 12 decreases from the openings 14a and 14b in a
10 direction toward an intermediate portion 16 of the tunnel
module. The intermediate portion 16 has a substantially
constant cross-sectional area. One or more wind turbines
with equal or different number of blades may be mounted in
the wind tunnel in or adjacent to the intermediate portion
15 16. The intermediate portion 16 is bendable to enable the
module 12 to conform to a roof 20 of any pitch.

Figure 2