SCANTER 5202 Radar

Controlling Wind Farm Obstruction Lights

Wind turbines and Aviation
The increasing size of wind turbines are creating challenges for both the wind industry as well as authorities when it comes to obstruction lighting and marking of wind turbines.

As wind turbines start to “grow” into the lower air space, the requirement for marking and obstruction lighting of wind turbines increase as well. The high intensity lights required for high wind turbines can appear very dominant in an otherwise pristine night sky.

The SCANTER 5202 radar system will monitor the airspace around the wind farm and only activate the obstruction lights when aircraft are within a specified range of the wind farm.

.

SCANTER 5202
The SCANTER 5202 is primary surveillance radar operating in X-Band.

The radar can be installed inside the wind farm area or outside the wind farm depending on what is optimal for coverage of the area.

Features:

- Detection of non-cooperative targets
- No transponder required onboard aircraft
- No installation required on turbine(s)
- No modification required on turbine(s)
- Large range coverage – in most cases one SCANTER 5202 will cover an entire wind farm
- Flexible installation (e.g. shelter)

TERMA
ALL ES-N INNOVATION

www.terma.com

SCANTER 5202 Radar
Controlling Wind Farm Obstruction Light

The SCANTER 5202 Radar System is an X-band, 2D, fully coherent pulse compression radar, based on Solid State transmitter technology with digita98p ,-)B4)–(xM(1)xpa9)xpps,-xB)x19Mpe,-(BM1()4 xM(1)xpR,1B188MMpa

TERMA
ALL ES:N INNOVATION