



KEY

- Low Ecological Risk Areas
- Medium Ecological Risk Areas
- Dorset

CONSTRAINTS CONSIDERED TO GENERATE AREAS

- Areas of Outstanding Natural Beauty
- Special Protection Areas
- Ramsar Sites (International Wetlands Designation)
- Sites of Special Scientific Interest
- National Nature Reserves
- Local Nature Reserves
- Scheduled Ancient Monuments
- World Heritage Sites
- Battlefield
- Parks and Gardens
- Heritage Coast
- Within 10km of the 33kV distribution grid
- Not within 650m from the nearest dwelling
- Not within 150m of the 132 / 275kV electricity distribution grid
- Not within 400m of the National Grid 400kV network
- Not within 5km of flying MoD bases, safeguarding / international civil airports
- Buffer for large international Civil Airports at 5km
- Buffer for operational MoD Bases at 5km
- Not within 2km of smaller airfields
- Buffer for licensed small Airfields 2km
- Buffer for small unlicensed airfields/airstrips/gliding clubs 2km
- Buffer for Portland Heliport
- Not within 5km of horizontal NATS radars
- Not within 4km of vertically aligned NATS radars
- Not within 2km of NATS communication links
- Not within 5km of Air Defence Radar
- Not within 4km of existing and planned Meteorological Radars
- Not within 1km of TV broadcast transmitters
- Not within 500m of TV relay transmitters
- Not within 10km, and visible to, any CAT A airport primary radars.
- No Turbines on >1 in 10
- Aspect (on site) - not on westerly side or behind large hills / hills to left
- Poor site orientation (so array placement not possible WSW)
- Ancient natural woodland (on site)
- MOD & danger areas (1km
- 33-66kV Lines (onsite) or nearly 10km away
- Roads (onsite)
- Railways (onsite)
- Rivers / lakes (onsite)
- Possible unidentified occupied buildings (within 600m)
- Camping & caravan sites
- Grade 1 listed buildings
- Dorset Garden's Trust
- Gliding clubs/private aerodrome (<4km away)
- TV transmitters
- Advice from Natural England and County Ecologists

Background Map: OS 1:50,000

1 : 100,000
@ A3



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**SITES POTENTIALLY SUITABLE FOR WIND TURBINES NORTH
DORSET CC WIND ENERGY STUDY**

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Figure 1.2