

Wind Farm CASALDUNI

Inspector	Ing. Matteo Canevella,
Attendants to the inspection	Dott. Paolo Sanmartino
Inspection Date	09.03.23

Definitions

Category of Defect	Description of Category	Results of Inspection
Minor Defect	defect to be remedied	NO finding
Major Defect	major defect to be remedied on short term	NO findings
Critical defect	safety critical defect, immediate action to be taken	NO findings
n.a.	not applicable in this type of turbine	

Findings

No.	Category	Description of Defect	Defect cat.

General Information on wind farm


1	Wind Farm Information	
1.1	Wind Farm	PARCO EOLICO CASALDUNI
1.2	Location	CASALSUNI/PONTELANDOLFO, Benevento, Campania, Italy
1.3	Status	In construction
1.4	Commissioned	-

2	Wind Turbine Information	
2.1	Manufacturer	Siemens Gamesa Renewable Energy Wind
2.2	Type / Capacity	G132 / 3.645 MW
2.3	Wind farm capacity	34.65 MW
2.4	Rotor diameter	132 m
2.5	Hub height	114 m

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Inspection

3	Access to the site		
3.1	Roads	Roads in good condition	No relevant defect raised during the inspection
4	WTG08		
4.1	Crane platform	 <p data-bbox="639 1720 1222 1749">Crane on site ready to start the erection activities</p>	No relevant defect raised during the inspection
4.2	Foundation	Foundation piles successfully tested and backfill completed, waiting for the WTG erection	No relevant defect raised during



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			the inspection
4.3	WTG	Yet to be erected	
5	WTG09		
5.1	Crane platform	Works completed, waiting for the WTG erection	No relevant defect raised during the inspection
5.2	Foundation	Foundation piles successfully tested and backfill completed, waiting for the WTG erection	No relevant defect raised during the inspection
5.3	WTG	Erection expected in the next weeks	
6	WTG10		
6.1	Crane platform	Works completed, waiting for the WTG erection	No relevant defect raised during the inspection
6.2	Foundation	Foundation piles successfully tested and backfill completed, waiting for the WTG erection	No relevant defect raised during the inspection
6.3	WTG	Erection expected in the next weeks	
7	WTG11		
7.1	Crane platform	Works completed, waiting for the WTG erection	No relevant defect raised during the inspection
7.2	Foundation	Foundation piles successfully tested and backfill completed, waiting for the WTG erection	No relevant defect raised during the inspection
7.3	WTG	Erection expected in the next weeks	



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8	WTG13	 <p data-bbox="847 927 1031 960">Works ongoing</p>	<p data-bbox="1362 566 1509 734">No relevant defect raised during the inspection</p>
8.2	Foundation	 <p data-bbox="671 1576 1211 1610">backfill works completed, final layer to be laid</p>	<p data-bbox="1362 1211 1509 1379">No relevant defect raised during the inspection</p>
8.3	WTG	<p data-bbox="836 1637 1043 1671">Yet to be erected</p>	


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9	WTG14		
9.1	Crane platform	 <p style="text-align: center;">works ongoing</p>	No relevant defect raised during the inspection
9.2	Foundation	 <p style="text-align: center;">Foundation poured</p>	No relevant defect raised during the inspection
9.3	WTG	Yet to be erected	


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10	WTG18		
10.1	Crane platform	works ongoing	No relevant defect raised during the inspection
10.2	Foundation	 <p>backfill works ongoing</p>	No relevant defect raised during the inspection
10.3	WTG	Yet to be erected	



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11	WTG3		
11.1	Crane platform	Preliminary works ongoing	No relevant defect raised during the inspection
11.2	Foundation	 <p>Preliminary works ongoing, expected to be poured in the second half of March</p>	
11.3	WTG	Yet to be erected	
12	WTG04		
12.1	Crane platform	works ongoing	No relevant defect raised during the inspection


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12.2	Foundation	 <p>Preliminary works ongoing, expected to be poured by mid-March</p>	
12.3	WTG	Yet to be erected	
13	WTG05		
13.1	Crane platform	works ongoing	No relevant defect raised during the inspection
13.2	Foundation	 <p>Preliminary works ongoing</p>	
13.3	WTG	Yet to be erected	

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14	Underground MV line		
14.1	Trenches and cable laying	Works ongoing, the delivery of the cable will follow the work progress	
15	Electrical Substation		
15.1	Civil works	 <p>Minor civil works expected to be completed soon</p>	No relevant defect raised during the inspection
15.2	Cabins	Switchgears expected to be delivered and installed by mid-April	No relevant defect raised during the inspection

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