ALLEGATO 1

1. VALUTAZIONE PREVISONALE DEL CLIMA ACUSTICO

Caratteristiche del software previsionale

Configurazione generale del software	
Parametri	Valore
nome	CADNA/A
Max. errore (dB)	0.00
Max. Raggio ricerca (#(Unit,LEN))	2000.00
Min dist. sorg-ricet	0.00
Partizioni	
Fattore reticolo	0.70
Max lunghezza sezione (#(Unit,LEN))	1000.00
Min lunghezza sezione (#(Unit,LEN))	1.00
Min lunghezza sezione (%)	0.00
Proiezione Sorg. lineare	Acceso
Proiezione Sorg. piana	Acceso
Periodo Rif.	
Tempo riferimento diurno (min)	960.00
Tempo riferimento notturno (min)	480.00
DTM	
Altezza assoluta di riferimento (m)	0.00
Modello terreno	Triangolazione
Riflessione	
Max. ordine di riflessione	1
Raggio di ricerca attorno alla sorg.	100.00
Raggio di ricerca attorno al ricettore	100.00
Max. distanza sorgente - ricettore	1000.00 1000.00
Min. distanza ricettore - sup. riflettente	1.00 1.00
Min. distanza sorgente - sup. riflettente	0.10
Industrie (ISO 9613)	
Diffrazione laterale	più oggetti
Ostacoli in Sorg. piana non schermano	Acceso
Schermatura	Escl. Att. Suolo sopra Bariera
	Dz con limite (20/25)
Coefficienti di schermatura C1,2,3	3.0 20.0 0.0
Temperatura (#(Unit,TEMP))	20
Umidità relativa (%)	70
Assorbimento del suolo G	Da 0.50 a 1.00
Velocità del vento (#(Unit,SPEED))	Variabile da 4 m/s a 16 m/s
Meteorologia	Statistica Vento (rosa dei venti)

Metodologia di valutazione di impatto acustico

La metodologia di valutazione dell'impatto acustico è stata articolata nei seguenti passaggi:

- creazione di un modello tridimensionale del terreno, delle strutture in progetto e delle principali strutture circostanti;
- definizione e posizionamento delle sorgenti sonore, a partire dai livelli di potenza sonora forniti per le apparecchiature, sia nella condizione di cantiere che di esercizio;
- calcolo dei valori dei livelli di pressione sonora immessi nell'area di studio, mediante il modello di simulazione;
- attribuzione a ciascun punto di misura del livello di rumore residuo ante-operam prodotto dalle sorgenti di rumore già attive nell'area, sulla base dei risultati delle analisi già prodotte per il progetto oggetto di modifica.
- somma dei livelli di pressione sonora calcolati e dei livelli di pressione sonora preesistenti il progetto;

- confronto dei risultati ottenuti con i valori limite applicabili e verifica del rispetto dei limiti di emissione e di immissione sotto riportati

Valori limite

D.P.C.M. del 14/11/1997 - Tabella B: Valori limite di emissione - Leq in dBA (art.2)

Classi di destinazione d'uso del territorio	*Tempi di riferimento*	
	Diurno (6-22)	Notturno (22-6)
III. Aree di tipo misto[1]	55	45

D.P.C.M. del 14/11/1997 - Tabella C: Valori limite assoluti di immissione - Leq in dBA (art.3)

Classi di destinazione d'uso del territorio	*Tempi di riferimento*	
	Diurno (6-22)	Notturno (22-6)
III. Aree di tipo misto	60	50

0) Valori limite differenziali di immissione

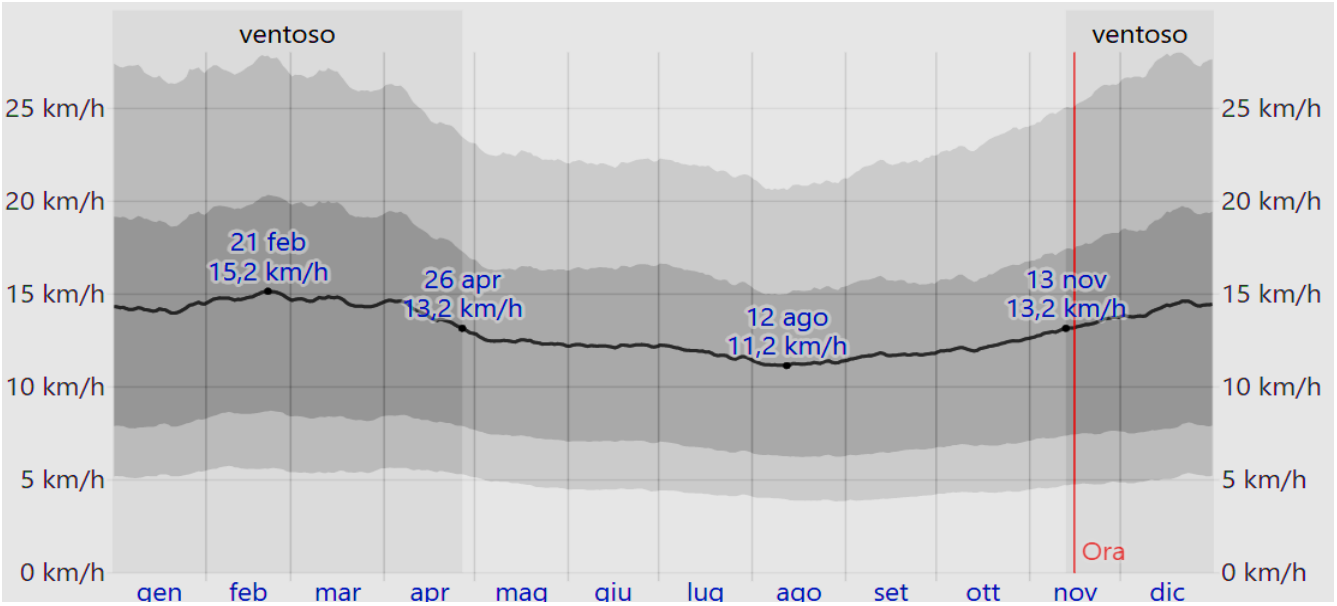
I **valori limite differenziali di immissione**, definiti all'art. 2, comma 3, lettera b), della legge 26 ottobre 1995, n. 447, sono: **5 dB per il periodo diurno** e **3 dB per il periodo notturno**, all'interno degli ambienti abitativi. Tali valori non si applicano nelle aree classificate nella classe VI della tabella A allegata al *D.P.C.M. del 14/11/1997*, ne per velocità del vento superiori ai 5 m/sec[2].

Parametri meteoclimatici utilizzati per lo studio

•Cmet, C0 from wind statistics (Method LfU Bayern)

Rosa dei venti e distribuzioni di frequenza

La velocità oraria media del vento a Bisaccia subisce *moderate* variazioni stagionali durante l'anno. Il periodo *più ventoso* dell'anno dura *5,4 mesi*, dal *13 novembre* al *26 aprile*, con velocità medie del vento di oltre *13,2 chilometri orari*. Il giorno *più ventoso* dell'anno a Bisaccia è *febbraio*, con una velocità oraria media del vento di *14,9 chilometri orari*. Il periodo dell'anno *più calmo* dura *6,6 mesi*, da *26 aprile* a *13 novembre*. Il giorno *più calmo* dell'anno a Bisaccia è *agosto*, con una velocità oraria media del vento di *11,3 chilometri orari*.



[1] *Aree di tipo misto:* rientrano in questa classe le aree urbane interessate da traffico veicolare locale o di attraversamento, con media densità di popolazione, con presenza di attività commerciali, uffici, con limitata presenza di attività artigianali e con assenza di attività industriali; aree rurali interessate da attività che impiegano macchine operatrici.

[2] DECRETO 16 Marzo 1998, Allegato B (*NORME TECNICHE PER L 'ESECUZIONE DELLE MISURE*) Pt. 7: "*Le misurazioni devono essere eseguite in assenza di precipitazioni atmosferiche, di nebbia e/o neve; la velocità del vento deve essere non superiore a 5 m/s. Il microfono deve essere comunque munito di cuffia antivento. La catena di misura deve essere compatibile con le condizioni meteorologiche del periodo in cui si effettuano le misurazioni e comunque in accordo con le norme CEI 29-10 ed EN 60804/1994*"

La rosa del vento riportata nella figure successive mette in evidenza le direzioni regnanti (a maggio- re frequenza) caratteristiche del sito.

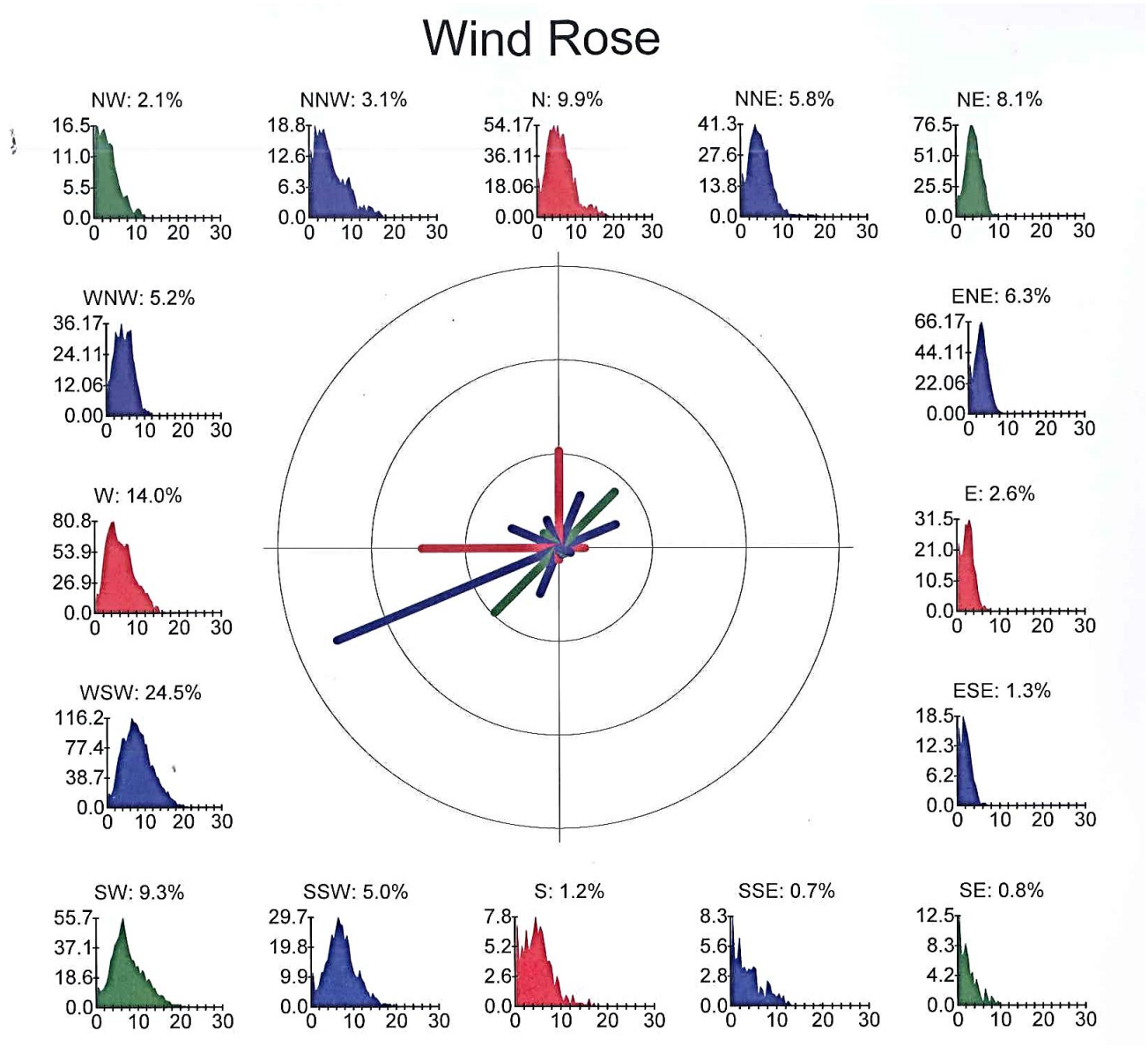
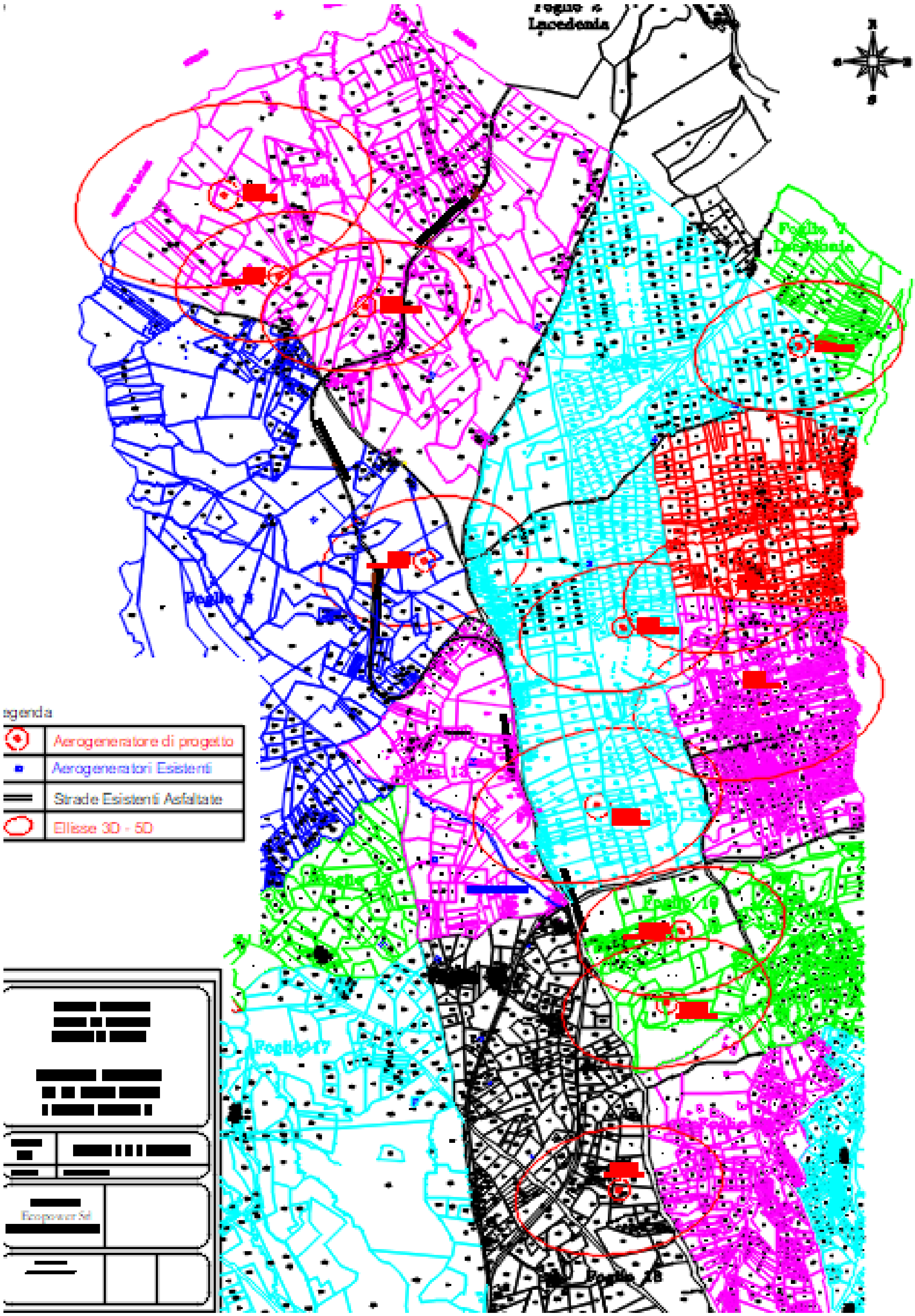


Figura 1: Rosa del vento in frequenza per settore di provenienza


Lacedonia
Foglio 8
Foglio 10
Foglio 18
Legenda
Aerogeneratore di progetto
Aerogeneratori Esistenti
Strade Esistenti Asfaltate
Ellisse 3D - 5D

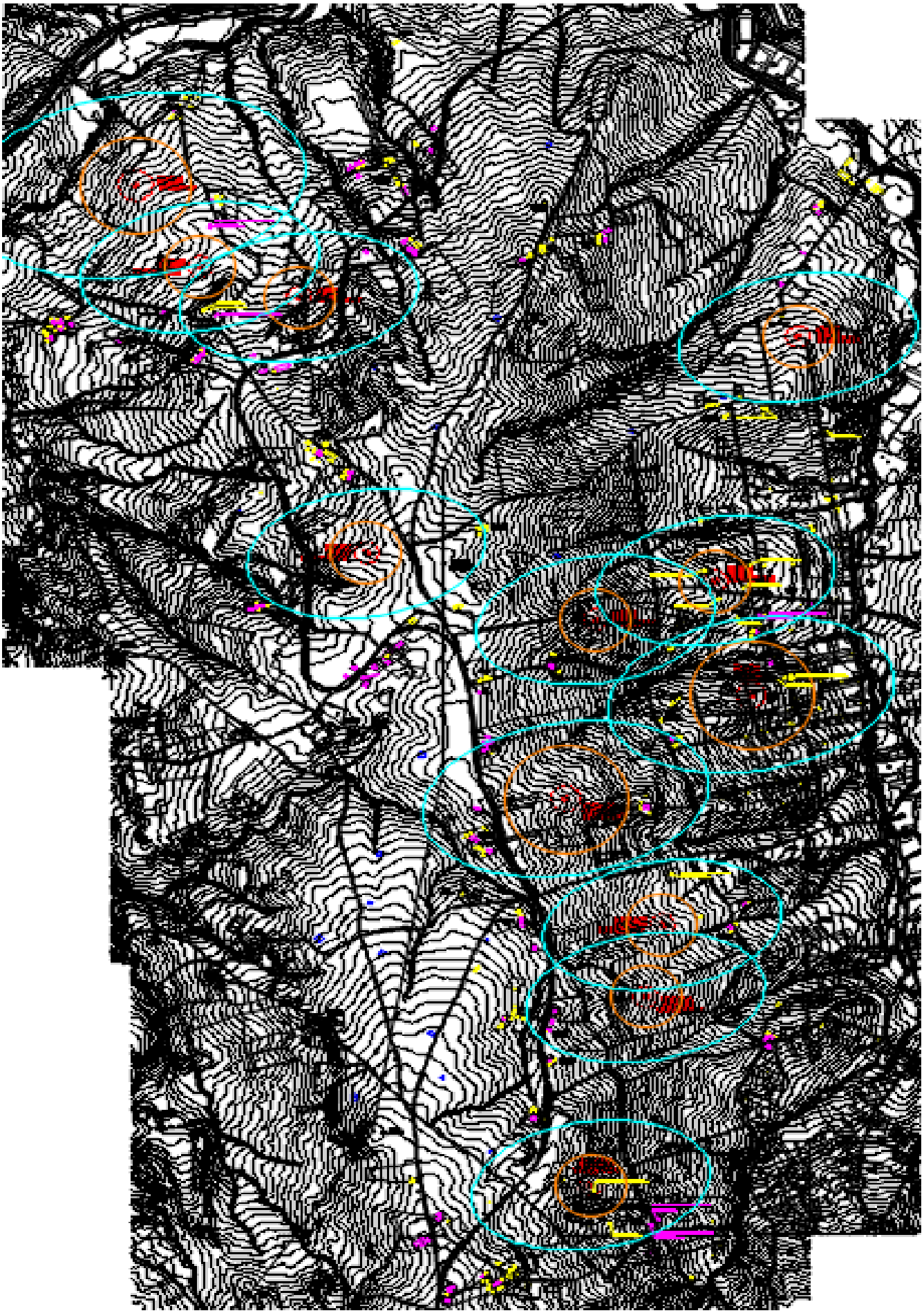


Figura 2:Ellisse 5d (direzione prevalente) e 3d (direzione perpendicolare)

Coordinate UTM WGS 84 Fuse 33 sorgenti puntiformi (turbine)

1) Turbine ECOPOWER (*non attive*)

Classe	Nome	Tipologia	Altezza Torre	Diametro Rotorico	Coordinate UTM WGS 84 Fuse 33		
		(Hz)	(m)	(m)	X (m)	Y (m)	Z (m)
N 12 aerogeneratori, di cui **n. 1** (**V150**) di potenza nominale massima pari a 6 MW, **n. 9** (**V105**) di potenza nominale massima pari a 3,45 MW ciascuno e **n. 2** (**V126**) di potenza nominale massima pari a 3,3 MW ciascuno, inclusivi di relativa cabina di trasformazione BT/MT, e di un sistema elettrico di interconnessione alla Rete di Trasmissione Nazionale afferenti alla ECOPOWER S.R.L. (da installare)	BS1 (V 150 - 6 MW)	TURBINA V150	105	150	528524	4546708	30
	BS2 (V 105 - 3,45 MW)	TURBINA V105	72.5	105	528804	4546304	20
	BS3 (V 105 - 3,45 MW)	TURBINA V105	72.5	105	529235	4546152	20
	BS5 (V 105 - 3,45 MW)	TURBINA V105	72.5	105	529530	4544880	20
	BS6 (V 105 - 3,45 MW)	TURBINA V105	72.5	105	531408	4545955	20
	BS7 (V 105 - 3,45 MW)	TURBINA V105	72.5	105	530525	4544547	20
	BS8 (V 105 - 3,45 MW)	TURBINA V105	72.5	105	531048	4544740	20
	BS9 (V 126 - 3,3 MW)	TURBINA V126	117	126	531205	4544172	54
	BS10 (V 126 - 3,3 MW)	TURBINA V126	117	126	530397	4543655	54
	BS11 (V 105 - 3,45 MW)	TURBINA V105	72.5	105	530818	4543029	20
	BS14 (V 105 - 3,45 MW)	TURBINA V105	72.5	105	530506	4541734	20
	BS15 (V 105 - 3,45 MW)	TURBINA V105	72.5	105	530745	4542669	20

2) Turbine viciniori ALTRI GESTORI (*attive*)

Nome	Coordinate UTM WGS 84 Fuse 33		
	X	Y	Z
	(m)	(m)	(m)
BS3-1	*530098*	*4546047*	*40*
BS3-2	*529564*	*4545810*	*40*
BS3-3	*529830*	*4545508*	*40*
BS6-1	*531084*	*4545658*	*40*
BS6-2	*530686*	*4545486*	*40*
BS5-1	*528976*	*4545084*	*40*
BS7-1	*530358*	*4544864*	*40*
BS10-1	*529774*	*4543879*	*40*
BS11-1	*529538*	*4543144*	*40*
BS11-2	*529615*	*4542892*	*40*
BS11-3	*529615*	*4542892*	*40*
BS11-4	*530054*	*4542955*	*40*
BS14-1	*530069*	*4541899*	*40*
BS15-1	*529480*	*4542167*	*40*
BS15-2	*529810*	*4542488*	*40*
BS15-3	*529860*	*4542268*	*40*

Coordinate UTM WGS 84 FUSE 33 recettori sensibili presenti nell'area

Nome	Limite				Altezza di calcolo	Coordinate		
	EM_GIORNO	EM_NOTTE	IM_GIORNO	IM_NOTTE		X	Y	Z
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
106	55	45	60	50	4	529882.59	4541157.54	880.51
105	55	45	60	50	4	529892.26	4541212.19	873.64
104	55	45	60	50	4	530033.63	4541280.29	863.79
103	55	45	60	50	4	530098.15	4541241.48	849.87
102	55	45	60	50	4	529753.92	4541437.49	860.90
101	55	45	60	50	4	529773.50	4541451.52	863.56
100	55	45	60	50	4	529797.39	4541457.76	864.80
099	55	45	60	50	4	529845.99	4541566.51	857.31
098	55	45	60	50	4	529844.52	4541587.76	854.21
097	55	45	60	50	4	529028.45	4544599.96	687.68
096	55	45	60	50	4	529048.91	4544611.58	691.12
095	55	45	60	50	4	529075.71	4544619.69	689.00
094	55	45	60	50	4	529438.32	4544263.15	727.15
093	55	45	60	50	4	528152.30	4545951.89	533.24
092	55	45	60	50	4	528170.77	4546027.42	530.18
091	55	45	60	50	4	528196.16	4545999.68	533.44
090	55	45	60	50	4	528195.56	4546030.35	531.99
089	55	45	60	50	4	529524.61	4544226.21	723.68
088	55	45	60	50	4	529515.19	4544253.27	725.80
087	55	45	60	50	4	528242.29	4546013.74	538.48
086	55	45	60	50	4	529479.82	4544305.51	727.45
085	55	45	60	50	4	528453.62	4545924.20	554.72
084	55	45	60	50	4	528440.96	4545941.08	553.91
083	55	45	60	50	4	530256.40	4542067.17	791.69
082	55	45	60	50	4	529562.88	4544309.66	728.58
081	55	45	60	50	4	529622.72	4544338.37	726.24
080	55	45	60	50	4	530130.09	4542558.70	779.44
079	55	45	60	50	4	529616.50	4544376.25	727.45
078	55	45	60	50	4	530752.32	4541388.51	724.63
077	55	45	60	50	4	529997.13	4543458.20	735.03
076	55	45	60	50	4	528643.78	4546079.34	578.80
075	55	45	60	50	4	530041.63	4543895.21	738.31
074	55	45	60	50	4	530067.19	4543394.96	744.09
073	55	45	60	50	4	530014.63	4543607.96	749.14
072	55	45	60	50	4	528785.99	4545830.26	634.03
071	55	45	60	50	4	530780.51	4541398.57	712.20
070	55	45	60	50	4	530047.12	4543929.09	740.00
069	55	45	60	50	4	530061.64	4543905.17	733.48
068	55	45	60	50	4	528793.52	4545852.32	633.73
067	55	45	60	50	4	529661.97	4544412.49	726.45
066	55	45	60	50	4	530203.37	4543048.03	747.11
065	55	45	60	50	4	530204.64	4543058.17	747.03
064	55	45	60	50	4	530209.18	4543027.92	745.44
063	55	45	60	50	4	530055.27	4543962.04	733.17
062	55	45	60	50	4	530073.43	4543940.40	733.88
061	55	45	60	50	4	528811.84	4545865.45	628.57
060	55	45	60	50	4	529682.09	4544424.89	729.76
059	55	45	60	50	4	530258.56	4542910.91	748.53
058	55	45	60	50	4	528819.27	4545877.00	626.44
057	55	45	60	50	4	528818.81	4545894.81	628.77
056	55	45	60	50	4	530332.71	4542350.56	785.43
055	55	45	60	50	4	530325.30	4542503.45	773.47

Nome	Limite				Altezza di calcolo	Coordinate		
	EM_GIORNO	EM_NOTTE	IM_GIORNO	IM_NOTTE		X	Y	Z
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
054	55	45	60	50	4	530020.08	4544185.06	733.68
053	55	45	60	50	4	530584.17	4546485.84	569.34
052	55	45	60	50	4	530565.82	4546475.30	573.56
051	55	45	60	50	4	530350.13	4542600.37	768.25
050	55	45	60	50	4	530338.51	4542545.93	768.25
049	55	45	60	50	4	530569.66	4546439.13	572.33
046	55	45	60	50	4	530635.41	4542699.51	720.61
045	55	45	60	50	4	529082.61	4545785.99	624.41
044	55	45	60	50	4	529035.94	4545866.29	626.74
043	55	45	60	50	4	529316.07	4545375.47	680.98
042	55	45	60	50	4	529323.98	4545372.05	687.03
041	55	45	60	50	4	529161.12	4545801.85	628.05
040	55	45	60	50	4	529452.55	4545250.88	698.94
038	55	45	60	50	4	529460.14	4545278.46	701.58
037	55	45	60	50	4	531335.28	4546217.14	502.03
036	55	45	60	50	4	529822.55	4546994.31	518.72
035	55	45	60	50	4	531488.96	4546605.68	474.34
034	55	45	60	50	4	530208.99	4546334.09	630.30
033	55	45	60	50	4	531497.37	4546575.58	477.32
032	55	45	60	50	4	530336.11	4544315.73	681.28
031	55	45	60	50	4	529810.90	4546882.25	533.52
030	55	45	60	50	4	531428.33	4546375.56	491.88
029	55	45	60	50	4	531437.88	4546374.38	491.88
028	55	45	60	50	4	531278.19	4542422.51	634.21
027	55	45	60	50	4	529691.68	4546701.13	547.86
026	55	45	60	50	4	529700.72	4546673.46	549.08
025	55	45	60	50	4	531288.59	4542474.21	630.67
024	55	45	60	50	4	531265.00	4542459.89	635.57
023	55	45	60	50	4	529741.59	4546363.11	590.63
022	55	45	60	50	4	529742.13	4546382.32	592.31
021	55	45	60	50	4	529506.75	4546826.46	522.23
020	55	45	60	50	4	529716.55	4546384.46	592.22
019	55	45	60	50	4	529726.93	4546382.78	591.34
018	55	45	60	50	4	529705.08	4546436.29	594.56
017	55	45	60	50	4	529689.49	4546425.10	595.67
016	55	45	60	50	4	530861.39	4543957.17	611.71
015	55	45	60	50	4	529486.08	4546814.64	520.56
014	55	45	60	50	4	529494.58	4546759.01	535.49
013	55	45	60	50	4	529458.17	4546798.15	524.89
011	55	45	60	50	4	528699.51	4547083.84	492.43
010	55	45	60	50	4	530749.82	4543613.27	666.69
009	55	45	60	50	4	529528.34	4546377.28	585.91
008	55	45	60	50	4	531174.29	4543131.20	620.62
007	55	45	60	50	4	531112.37	4543013.73	616.01
006	55	45	60	50	4	528859.35	4546635.76	546.21
005	55	45	60	50	4	531293.26	4544331.17	517.09
004	55	45	60	50	4	531101.54	4545068.12	533.07
003	55	45	60	50	4	531231.26	4544486.19	526.07
001	55	45	60	50	4	531467.10	4544623.33	513.16

Recettori sensibili presenti nell'area (DATI Ecopower)

Specifiche tecniche degli aerogeneratori (input del calcolo)

Vestas V150-6.0 MW

Sound Curves, Sound Optimized: Vestas V150-6.0 MW Mode SO0 **Sound Power Level at Hub Height**		
Conditions for Sound Power Level:	Measurement standard IEC 61400-11 ed. 3 Maximum turbulence at hub height: 30% Inflow angle (vertical): 0 ±2° Air density: 1.225 kg/m^3	
	Mode PO6000 (Blades with serrated trailing edge)	Mode PO6000-0S (Blades without serrated trailing edge)
Wind speed at hub height [m/s]	**Sound Power Level at Hub Height [dBA]**	**Sound Power Level at Hub Height [dBA]**
3	92.0	94.8
4	92.2	95.0
5	94.0	96.8
6	96.9	99.7
7	99.9	102.7
8	102.7	105.5
9	104.6	107.4
10	104.8	107.6
11	104.9	107.7
12	104.9	107.7
13	104.9	107.7
14	104.9	107.7
15	104.9	107.7
16	104.9	107.7
17	104.9	107.7
18	104.9	107.7
19	104.9	107.7
20	104.9	107.7

Vestas V105-3.45 MW

Potenza nominale	3450 KW
Numero di pale	3
Velocità di rotazione	compresa tra
7,77 a 13,86 rpm	
Diametro rotorico	105 m
Tipo di torre	tubolare
Altezza torre	72,5 m
Altezza totale (torre + rotore)	125 m
Tipo di generatore elettrico	asincrono
trifase	
Tensione	690 V
Frequenza	50/60 Hz
Livello di potenza sonoro	≤ 104,7 dB

Sound Curves Optimized: Vestas V V105-3.45 MW Mode	
Wind speed at hub height [m/s]	**Sound Power Level at Hub Height [dBA]**
3	92.4
4	**94.7**
5	97.6
6	100.7
7	103.3
8	104.4
9	104.6
10	104.7
11	104.7
12	104.7
13	104.7
14	104.7
15	104.7
16	**104.7**

Vestas V126-3.3 MW

12.1.4 Noise Curve, Noise Mode 0+

Sound Power Level at Hub Height, Noise Mode 0+ (Blades with optional serrated trailing edge)	
Conditions for Sound Power Level:	Measurement standard IEC 61400-11 ed. 3 Maximum turbulence at 10 metre height: 16% Inflow angle (vertical): 0 ±2° Air density: 1.225 kg/m^3
Wind speed at hub height [m/s]	Sound Power Level at Hub Height) [dBA]
3.0	89.4
4.0	89.5
5.0	90.4
6.0	94.3
7.0	97.1
8.0	101.2
9.0	104.2
10.0	104.9
11.0	105.3
12.0	105.5
13.0	105.7
14.0	105.9
15.0	106.0
16.0	106.0
17.0	106.0
18.0	106.0
19.0	106.0
20.0	106.0

Altri Gestori (*attive*)

12.1.3 Noise Curves, Noise Mode 0

Sound Power Level at Hub Height, Noise Mode 0		
Conditions for Sound Power Level:	Measurement standard IEC 61400-11 ed. 3 Maximum turbulence at 10 metre height: 16% Inflow angle (vertical): 0 ±2° Air density: 1.225 kg/m^3	
Wind speed at hub height [m/s]	Sound Power Level at Hub Height [dBA] (Blades without optional serrated trailing edge)	Sound Power Level at Hub Height [dBA] (Blades with optional serrated trailing edge)
3	91.3	91.1
4	91.9	91.5
5	94.1	93.4
6	97.3	96.3
7	100.6	99.5
8	103.4	102.3
9	105.1	103.9
10	105.8	104.4
11	105.8	104.4
12	105.8	104.4
13	105.8	104.4
14	105.8	104.4
15	105.8	104.4
16	105.8	104.4
17	105.8	104.4
18	105.8	104.4
19	105.8	104.4
20	105.8	104.4

Distanze in metri tra le sorgenti considerate e i recettori valutati

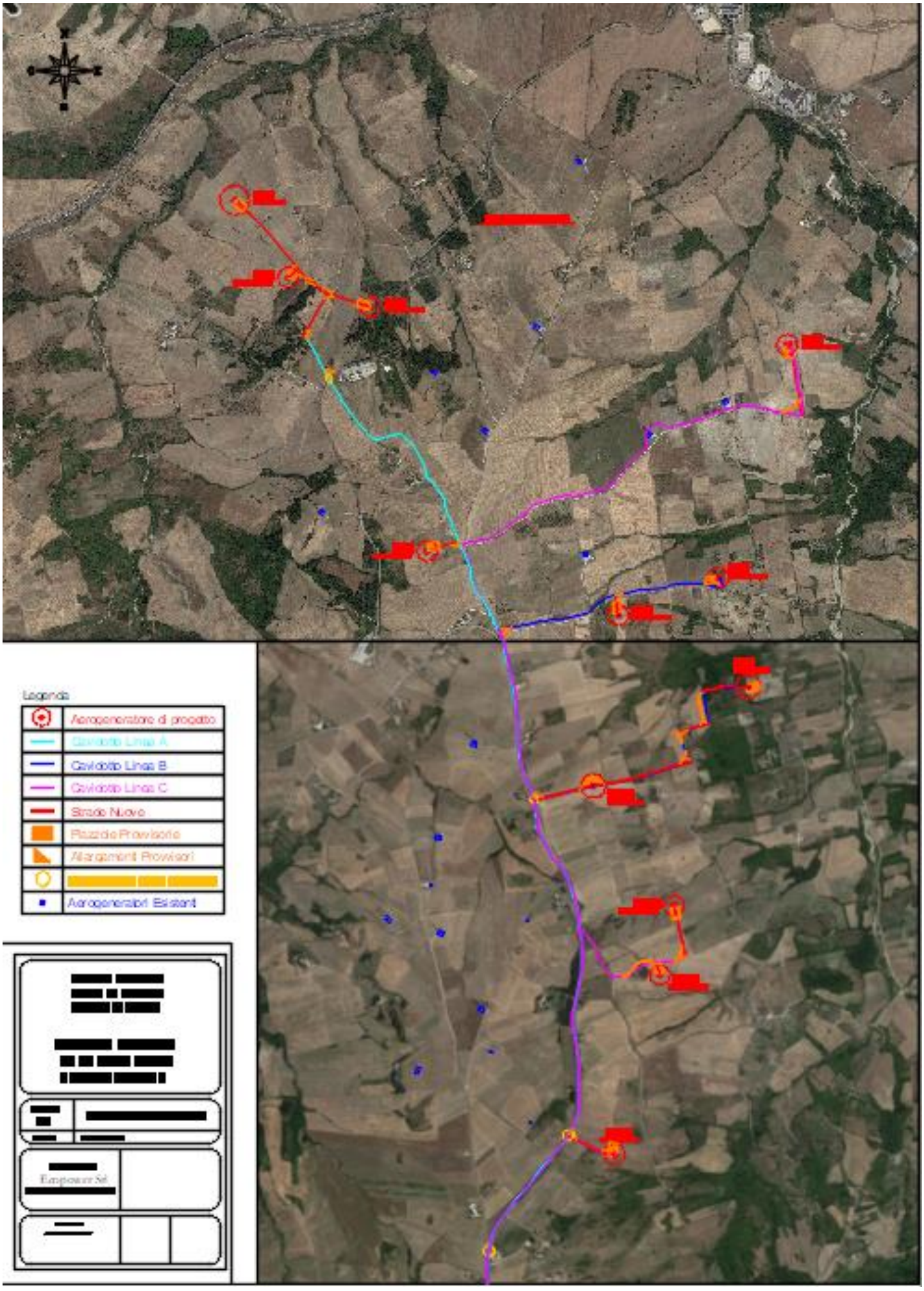
Nome ricettore	Nome Sorgente			BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
	Coordinate		X (m)	528524	530397	530818	530506	530745	528804	529235	529530	531408	530525	531048	531205	530098	529564	529830	531084	530686	528976	530358	529774	529538	529615	529615	530054	530069	529480	529810	529860
			Y (m)	4546708	4543655	4543029	4541734	4542669	4546304	4546152	4544880	4545955	4544547	4544740	4544172	4546047	4545810	4545508	4545658	4545486	4545084	4544864	4543879	4543144	4542892	4542892	4542955	4541899	4542167	4542488	4542268
			H (m)	30	54	20	20	20	20	20	20	20	20	20	54	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	X (m)	Y (m)	Z (m)	Ecopower												Altri gestori															
01	531467.1	4544623.3	513.2	3607	1444	1722	3045	2084	3149	2705	1954	1333	945	435	525	1976	2243	1861	1104	1164	2534	1136	1850	2431	2536	2536	2187	3062	3160	2703	2852
03	531231.3	4544486.2	526.1	3502	1179	1515	2846	1881	3033	2600	1746	1480	709	314	320	1929	2129	1735	1182	1140	2333	952	1579	2161	2271	2271	1932	2837	2906	2452	2608
04	531101.5	4545068.1	533.1	3055	1580	2059	3387	2426	2609	2159	1583	939	777	333	904	1402	1708	1346	591	591	2126	772	1783	2480	2636	2636	2359	3333	3324	2886	3063
05	531293.3	4544331.2	517.1	3650	1124	1386	2714	1750	3176	2748	1847	1628	798	477	190	2091	2276	1878	1344	1305	2437	1077	1586	2119	2211	2211	1852	2723	2824	2366	2512
06	528859.4	4546635.8	546.2	344	3354	4104	5171	4392	337	613	1880	2638	2672	2896	3402	1372	1086	1488	2430	2159	1557	2321	2905	3557	3819	3819	3870	4889	4512	4255	4481
07	531112.4	4543013.7	616.0	4511	962	295	1416	504	4019	3657	2447	2956	1642	1728	1163	3199	3197	2805	2645	2509	2975	1999	1594	1580	1503	1503	1061	1527	1839	1405	1458
08	531174.3	4543131.2	620.6	4452	939	371	1549	631	3960	3590	2400	2834	1558	1614	1043	3108	3126	2731	2529	2405	2941	1916	1588	1637	1578	1578	1135	1656	1950	1509	1573
09	529528.3	4546377.3	585.9	1058	2858	3588	4745	3903	728	370	1497	1927	2084	2234	2771	660	570	921	1714	1462	1407	1726	2511	3234	3487	3487	3463	4511	4211	3900	4123
10	530749.8	4543613.3	666.7	3812	359	589	1895	944	3321	2956	1759	2433	961	1166	723	2520	2497	2107	2072	1874	2305	1311	1012	1300	1345	1345	959	1845	1925	1467	1613
11	528699.5	4547083.8	492.4	416	3826	4575	5647	4866	787	1075	2355	2934	3125	3318	3842	1741	1540	1940	2779	2550	2019	2771	3380	4028	4291	4291	4346	5363	4979	4728	4954
13	529458.2	4546798.2	524.9	939	3281	4007	5171	4325	820	684	1920	2124	2491	2601	3155	988	995	1343	1986	1797	1781	2134	2936	3655	3910	3910	3889	4937	4631	4325	4548
14	529494.6	4546759.0	535.5	972	3233	3958	5126	4277	827	660	1879	2076	2440	2548	3102	934	952	1296	1934	1744	1754	2083	2894	3615	3869	3869	3845	4894	4592	4283	4506
15	529486.1	4546814.6	520.6	968	3289	4013	5182	4333	852	709	1935	2106	2494	2597	3153	983	1008	1352	1973	1791	1805	2137	2950	3671	3925	3925	3901	4950	4648	4339	4562
16	530861.4	4543957.2	611.7	3610	557	929	2251	1294	3121	2732	1620	2071	679	805	409	2225	2262	1863	1716	1539	2197	1038	1091	1554	1640	1640	1288	2206	2262	1807	1964
17	529689.5	4546425.1	595.7	1200	2860	3579	4762	3902	894	531	1553	1782	2056	2165	2716	558	629	929	1592	1370	1520	1699	2548	3285	3534	3534	3489	4542	4263	3939	4161
18	529705.1	4546436.3	594.6	1212	2867	3584	4770	3908	911	550	1566	1770	2060	2164	2717	555	643	938	1584	1366	1537	1703	2559	3297	3546	3546	3499	4552	4275	3950	4171
19	529726.9	4546382.8	591.3	1246	2809	3527	4714	3851	927	544	1516	1735	2002	2108	2660	502	597	882	1539	1314	1501	1645	2505	3245	3493	3493	3444	4497	4223	3896	4117
20	529716.6	4546384.5	592.2	1236	2814	3532	4717	3855	916	535	1516	1745	2008	2116	2667	511	596	885	1549	1322	1497	1651	2506	3246	3494	3494	3446	4499	4224	3898	4119
21	529506.8	4546826.5	522.2	990	3294	4018	5190	4338	876	727	1947	2092	2497	2594	3152	979	1019	1358	1963	1786	1822	2140	2960	3683	3936	3936	3910	4960	4660	4349	4572
22	529742.1	4546382.3	592.3	1261	2805	3522	4711	3846	942	557	1517	1720	1995	2098	2651	491	601	880	1525	1302	1508	1639	2504	3245	3493	3493	3442	4495	4224	3895	4116
23	529741.6	4546363.1	590.6	1266	2787	3504	4692	3828	940	549	1498	1716	1978	2084	2635	478	582	861	1517	1290	1491	1621	2485	3226	3474	3474	3423	4476	4204	3876	4097
24	531265.0	4542459.9	635.6	5056	1478	724	1050	561	4564	4213	2978	3498	2215	2291	1714	3772	3757	3369	3203	3081	3482	2570	2059	1858	1706	1706	1309	1322	1809	1456	1419
25	531288.6	4542474.2	630.7	5057	1481	728	1077	578	4565	4212	2980	3483	2209	2279	1701	3766	3755	3366	3191	3072	3487	2565	2066	1875	1725	1725	1326	1349	1835	1479	1444
26	529700.7	4546673.5	549.1	1178	3098	3812	5005	4138	970	699	1802	1852	2281	2357	2919	743	875	1173	1716	1544	1747	1926	2796	3533	3783	3783	3735	4789	4512	4187	4409
27	529691.7	4546701.1	547.9	1168	3127	3841	5033	4167	973	714	1828	1872	2310	2385	2948	771	901	1202	1740	1571	1769	1955	2824	3561	3810	3810	3764	4817	4539	4215	4437
28	531278.2	4542422.5	634.2	5094	1516	762	1035	588	4603	4253	3016	3535	2254	2329	1752	3812	3797	3409	3242	3120	3519	2609	2094	1884	1729	1729	1336	1318	1817	1470	1427
29	531437.9	4546374.4	491.9	2933	2912	3402	4733	3770	2635	2214	2424	421	2043	1680	2215	1380	1957	1827	800	1165	2780	1857	3000	3748	3931	3931	3689	4680	4641	4214	4399
30	531428.3	4546375.6	491.9	2923	2910	3402	4732	3769	2625	2205	2417	422	2040	1679	2216	1371	1949	1819	797	1159	2772	1853	2995	3744	3927	3927	3687	4679	4638	4211	4397
31	529810.9	4546882.3	533.5	1299	3280	3983	5195	4316	1161	930	2022	1847	2442	2474	3048	884	1101	1375	1767	1648	1983	2091	3004	3748	3995	3995	3935	4990	4727	4394	4615
32	530336.1	4544315.7	681.3	3001	666	1374	2587	1697	2510	2141	984	1959	299	829	882	1748	1682	1296	1537	1222	1563	550	713	1418	1596	1596	1390	2432	2313	1902	2103
33	531497.4	4546575.6	477.3	2976	3121	3611	4942	3978	2707	2302	2597	627	2250	1890	2422	1496	2080	1980	1007	1359	2930	2057	3200	3952	4137	4137	3898	4890	4848	4422	4608

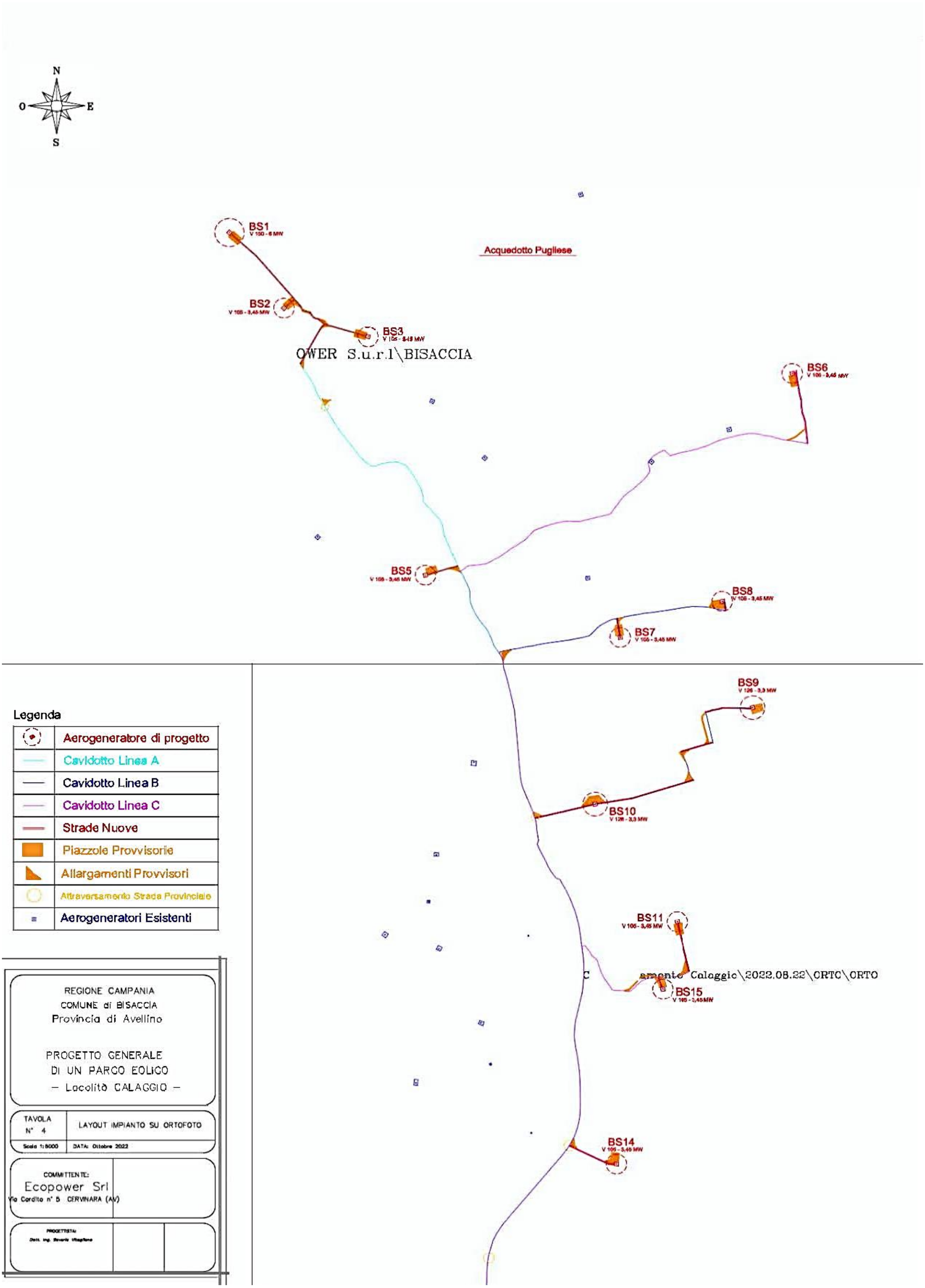
Nome ricettore	Nome Sorgente			BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
	Coordinate		X (m)	528524	530397	530818	530506	530745	528804	529235	529530	531408	530525	531048	531205	530098	529564	529830	531084	530686	528976	530358	529774	529538	529615	529615	530054	530069	529480	529810	529860
			Y (m)	4546708	4543655	4543029	4541734	4542669	4546304	4546152	4544880	4545955	4544547	4544740	4544172	4546047	4545810	4545508	4545658	4545486	4545084	4544864	4543879	4543144	4542892	4542892	4542955	4541899	4542167	4542488	4542268
			H (m)	30	54	20	20	20	20	20	20	20	20	20	54	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	X (m)	Y (m)	Z (m)	Ecopower												Altri gestori															
34	530209.0	4546334.1	630.3	1726	2686	3361	4610	3704	1405	991	1605	1258	1815	1802	2381	310	832	910	1106	974	1756	1478	2494	3260	3493	3493	3383	4437	4231	3867	4081
35	531489.0	4546605.7	474.3	2967	3147	3639	4970	4006	2702	2299	2611	656	2273	1917	2451	1499	2083	1990	1031	1378	2938	2077	3221	3974	4160	4160	3923	4916	4872	4447	4634
36	529822.6	4546994.3	518.7	1330	3389	4088	5305	4423	1231	1027	2135	1896	2546	2566	3143	987	1213	1487	1838	1738	2090	2197	3116	3861	4108	4108	4046	5101	4840	4507	4727
37	531335.3	4546217.1	502.0	2854	2729	3230	4559	3597	2533	2101	2247	273	1856	1505	2050	1250	1818	1664	614	979	2618	1670	2812	3560	3744	3744	3505	4500	4455	4029	4216
38	529460.1	4545278.5	701.6	1709	1875	2628	3696	2909	1218	902	405	2062	1292	1677	2067	1000	543	437	1668	1244	523	990	1435	2136	2392	2392	2398	3434	3112	2813	3037
40	529452.6	4545250.9	698.9	1728	1855	2608	3671	2887	1237	927	379	2078	1283	1675	2059	1026	572	458	1682	1256	507	985	1410	2109	2365	2365	2374	3408	3084	2786	3011
41	529161.1	4545801.9	628.1	1108	2478	3230	4284	3511	617	358	993	2252	1853	2165	2615	969	405	732	1929	1558	742	1521	2019	2685	2945	2945	2984	4007	3649	3377	3603
42	529324.0	4545372.1	687.0	1557	2025	2779	3825	3054	1067	785	534	2164	1457	1836	2232	1028	501	525	1784	1367	454	1153	1560	2239	2497	2497	2525	3552	3209	2925	3150
43	529316.1	4545375.5	681.0	1550	2033	2786	3831	3061	1061	781	540	2171	1466	1845	2240	1031	502	532	1791	1375	450	1161	1565	2243	2502	2502	2531	3557	3213	2930	3155
44	529035.9	4545866.3	626.7	986	2597	3351	4386	3625	496	349	1103	2374	1990	2306	2753	1078	533	872	2059	1694	786	1660	2120	2768	3030	3030	3084	4100	3726	3466	3692
45	529082.6	4545786.0	624.4	1078	2504	3258	4295	3533	589	397	1011	2332	1902	2226	2667	1049	484	798	2006	1632	711	1574	2029	2681	2943	2943	2993	4010	3641	3377	3603
46	530635.4	4542699.5	720.6	4531	986	377	974	116	4043	3726	2445	3346	1851	2082	1580	3391	3290	2922	2993	2787	2905	2183	1461	1185	1039	1039	636	981	1273	853	888
49	530569.7	4546439.1	572.3	2063	2790	3419	4706	3774	1771	1365	1874	968	1893	1765	2355	615	1187	1190	936	961	2092	1590	2681	3453	3674	3674	3522	4568	4409	4024	4231
50	530338.5	4542545.9	768.3	4541	1112	681	829	425	4059	3771	2470	3573	2010	2306	1843	3510	3355	3006	3200	2961	2881	2318	1448	1000	803	803	500	702	939	533	555
51	530350.1	4542600.4	768.3	4495	1057	635	881	401	4013	3723	2423	3518	1955	2251	1790	3456	3305	2954	3145	2905	2839	2264	1403	978	792	792	464	757	973	553	594
52	530565.8	4546475.3	573.6	2055	2826	3456	4742	3811	1770	1370	1902	990	1929	1801	2391	636	1203	1216	969	997	2113	1625	2715	3486	3708	3708	3558	4603	4443	4059	4266
53	530584.2	4546485.8	569.3	2072	2838	3465	4753	3820	1790	1390	1921	980	1940	1807	2396	656	1224	1236	968	1006	2134	1638	2730	3502	3722	3722	3571	4616	4458	4072	4280
54	530020.1	4544185.1	733.7	2933	653	1405	2499	1681	2443	2118	851	2249	622	1168	1186	1864	1688	1337	1817	1462	1378	759	395	1148	1356	1356	1231	2287	2089	1710	1924
55	530325.3	4542503.5	773.5	4574	1155	721	791	452	4094	3808	2506	3617	2053	2351	1887	3551	3393	3045	3245	3005	2912	2361	1482	1016	811	811	528	658	911	517	523
56	530332.7	4542350.6	785.4	4718	1307	834	641	521	4239	3957	2654	3761	2205	2494	2020	3704	3544	3197	3392	3156	3052	2514	1628	1124	900	900	667	524	873	542	482
57	528818.8	4545894.8	628.8	866	2741	3494	4490	3757	410	490	1239	2590	2174	2511	2944	1289	751	1083	2278	1912	827	1853	2231	2844	3107	3107	3189	4187	3786	3548	3774
58	528819.3	4545877.0	626.4	882	2726	3479	4473	3742	428	499	1225	2590	2163	2502	2933	1291	749	1077	2276	1908	809	1843	2215	2826	3090	3090	3172	4170	3769	3531	3756
59	530258.6	4542910.9	748.5	4175	759	572	1203	544	3692	3399	2100	3254	1658	1992	1578	3140	2981	2633	2869	2611	2524	1956	1083	758	645	645	213	1030	1078	618	757
60	529682.1	4544424.9	729.8	2560	1052	1800	2814	2053	2074	1784	480	2307	852	1402	1545	1675	1391	1094	1867	1461	967	807	555	1290	1535	1535	1517	2556	2267	1942	2165
61	528811.8	4545865.5	628.6	891	2721	3474	4465	3736	439	511	1220	2598	2162	2503	2932	1300	755	1080	2282	1913	800	1843	2208	2817	3080	3080	3165	4161	3759	3522	3747
62	530073.4	4543940.4	733.9	3172	435	1177	2248	1438	2683	2365	1086	2417	756	1261	1156	2107	1938	1587	1993	1663	1585	967	308	960	1145	1145	986	2042	1870	1477	1686
63	530055.3	4543962.0	733.2	3144	463	1205	2273	1466	2655	2339	1058	2409	750	1261	1170	2086	1913	1563	1984	1650	1557	952	296	969	1158	1158	1008	2063	1885	1495	1706
64	530209.2	4543027.9	745.4	4048	657	609	1328	645	3565	3273	1973	3163	1552	1907	1518	3021	2856	2509	2772	2504	2398	1843	957	682	611	611	176	1138	1129	673	837
65	530204.6	4543058.2	747.0	4018	629	614	1358	666	3535	3242	1943	3137	1523	1882	1498	2991	2826	2479	2745	2475	2370	1813	928	673	614	614	187	1168	1149	695	863
66	530203.4	4543048.0	747.1	4027	639	615	1349	661	3544	3252	1952	3147	1533	1891	1506	3001	2835	2488	2755	2486	2378	1823	936	673	610	610	180	1158	1141	686	853
67	529662.0	4544412.5	726.5	2562	1057	1803	2808	2053	2077	1791	486	2330	874	1424	1563	1692	1402	1109	1891	1484	961	831	547	1275	1522	1522	1510	2547	2253	1931	2154
68	528793.5	4545852.3	633.7	898	2721	3474	4460	3734	452	534	1220	2617	2168	2514	2940	1320	773	1093	2299	1928	791	1851	2204	2809	3072	3072	3160	4154	3749	3515	3740
69	530061.6	4543905.2	733.5	3197	422	1158	2216	1413	2709	2394	1111	2453	792	1292	1175	2143	1969	1620	2030	1700	1603	1004	292	925	1108	1108	951	2007	1833	1440	1650

Nome ricettore	Nome Sorgente			BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
	Coordinate		X (m)	528524	530397	530818	530506	530745	528804	529235	529530	531408	530525	531048	531205	530098	529564	529830	531084	530686	528976	530358	529774	529538	529615	529615	530054	530069	529480	529810	529860
			Y (m)	4546708	4543655	4543029	4541734	4542669	4546304	4546152	4544880	4545955	4544547	4544740	4544172	4546047	4545810	4545508	4545658	4545486	4545084	4544864	4543879	4543144	4542892	4542892	4542955	4541899	4542167	4542488	4542268
			H (m)	30	54	20	20	20	20	20	20	20	20	20	54	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	X (m)	Y (m)	Z (m)	Ecopower												Altri gestori															
70	530047.1	4543929.1	740.0	3169	448	1185	2243	1441	2681	2367	1083	2441	781	1288	1184	2119	1942	1594	2016	1683	1576	986	281	937	1124	1124	975	2031	1852	1461	1672
71	530780.5	4541398.6	712.2	5769	2289	1631	434	1271	5289	4998	3699	4599	3159	3352	2806	4698	4576	4218	4270	4089	4104	3491	2677	2143	1895	1895	1718	871	1511	1460	1267
72	528786.0	4545830.3	634.0	916	2707	3461	4443	3719	475	553	1207	2625	2161	2511	2933	1330	779	1093	2305	1931	771	1846	2188	2790	3053	3053	3143	4136	3729	3496	3721
73	530014.6	4543608.0	749.1	3440	389	990	1937	1190	2955	2661	1361	2730	1069	1533	1318	2441	2248	1909	2313	1995	1805	1303	365	666	821	821	655	1710	1537	1139	1349
74	530067.2	4543395.0	744.1	3655	423	835	1718	993	3172	2880	1579	2890	1240	1665	1379	2653	2467	2127	2481	2181	2011	1498	567	587	678	678	442	1496	1362	944	1147
75	530041.6	4543895.2	738.3	3196	432	1163	2211	1414	2708	2397	1110	2472	812	1314	1197	2153	1974	1627	2048	1717	1597	1020	271	905	1091	1091	941	1997	1818	1427	1638
76	528643.8	4546079.3	578.8	641	2992	3746	4728	4006	277	596	1491	2767	2426	2752	3194	1455	960	1317	2477	2127	1050	2102	2474	3069	3332	3332	3428	4417	4001	3776	4001
77	529997.1	4543458.2	735.0	3568	449	927	1798	1087	3086	2800	1497	2868	1210	1658	1404	2591	2392	2057	2454	2142	1920	1452	478	558	684	684	508	1561	1391	989	1199
78	530752.3	4541388.5	724.6	5767	2295	1642	425	1281	5288	4999	3699	4613	3167	3365	2821	4704	4579	4222	4283	4098	4100	3498	2676	2135	1886	1886	1716	854	1492	1449	1254
79	529616.5	4544376.3	727.5	2575	1064	1805	2788	2047	2092	1816	512	2388	925	1477	1602	1739	1435	1152	1949	1542	955	888	523	1235	1485	1485	1488	2519	2214	1899	2123
80	530130.1	4542558.7	779.4	4449	1130	834	907	625	3973	3703	2398	3629	2027	2367	1939	3489	3300	2965	3243	2980	2777	2317	1368	834	615	615	406	664	760	330	399
81	529622.7	4544338.4	726.2	2612	1034	1773	2750	2012	2129	1855	550	2409	926	1481	1592	1774	1473	1189	1969	1565	988	905	485	1198	1447	1447	1450	2480	2176	1860	2084
82	529562.9	4544309.7	728.6	2614	1062	1793	2743	2022	2134	1871	572	2472	991	1546	1649	1818	1501	1228	2033	1627	972	970	481	1167	1419	1419	1441	2464	2145	1839	2064
83	530256.4	4542067.2	791.7	4954	1595	1114	417	775	4479	4211	2905	4055	2494	2788	2309	3983	3807	3467	3685	3446	3278	2799	1875	1295	1046	1046	911	255	784	615	446
84	528441.0	4545941.1	553.9	772	3009	3759	4687	4002	514	822	1521	2967	2507	2870	3282	1661	1131	1456	2658	2291	1011	2199	2456	3005	3268	3268	3394	4358	3915	3715	3938
85	528453.6	4545924.2	554.7	788	2988	3738	4666	3981	517	814	1500	2955	2488	2852	3262	1649	1117	1438	2644	2275	990	2180	2435	2984	3247	3247	3373	4337	3895	3694	3918
86	529479.8	4544305.5	727.5	2586	1126	1849	2769	2069	2110	1863	577	2538	1073	1627	1731	1848	1507	1253	2099	1688	928	1041	520	1164	1421	1421	1468	2478	2139	1848	2073
87	528242.3	4546013.7	538.5	750	3195	3943	4842	4177	633	1002	1716	3166	2713	3081	3489	1856	1338	1667	2864	2500	1185	2408	2628	3149	3410	3410	3555	4502	4041	3859	4080
88	529515.2	4544253.3	725.8	2647	1067	1788	2707	2006	2171	1919	627	2545	1052	1608	1693	1886	1558	1294	2106	1701	991	1042	457	1110	1366	1366	1406	2419	2087	1790	2015
89	529524.6	4544226.2	723.7	2676	1044	1763	2679	1979	2199	1948	654	2557	1051	1608	1682	1909	1585	1318	2117	1714	1019	1050	429	1083	1338	1338	1378	2390	2060	1762	1987
90	528195.6	4546030.4	532.0	754	3239	3986	4878	4219	667	1047	1762	3213	2762	3131	3537	1903	1387	1716	2913	2550	1227	2457	2669	3184	3445	3445	3593	4536	4071	3893	4114
91	528196.2	4545999.7	533.4	781	3216	3962	4851	4194	680	1050	1742	3212	2745	3118	3521	1903	1382	1707	2908	2543	1203	2442	2644	3155	3416	3416	3567	4508	4042	3865	4086
92	528170.8	4546027.4	530.2	767	3254	4000	4887	4232	691	1072	1779	3238	2781	3152	3557	1928	1411	1739	2937	2573	1241	2478	2681	3191	3452	3452	3604	4544	4077	3901	4122
93	528152.3	4545951.9	533.2	843	3212	3956	4830	4183	741	1101	1746	3256	2758	3139	3534	1948	1419	1736	2947	2576	1197	2460	2632	3131	3392	3392	3550	4483	4011	3840	4061
94	529438.3	4544263.2	727.2	2610	1137	1851	2745	2061	2137	1900	624	2597	1123	1679	1770	1902	1552	1306	2158	1747	943	1099	512	1124	1383	1383	1446	2447	2097	1814	2040
95	529075.7	4544619.7	689.0	2160	1637	2359	3221	2568	1706	1541	524	2688	1451	1976	2177	1756	1287	1166	2261	1829	477	1306	1019	1547	1810	1810	1931	2897	2486	2255	2479
96	529048.9	4544611.6	691.1	2161	1654	2374	3226	2579	1710	1552	551	2715	1478	2003	2201	1778	1305	1190	2289	1856	480	1334	1032	1547	1811	1811	1938	2898	2483	2256	2480
97	529028.5	4544600.0	687.7	2168	1664	2381	3224	2584	1719	1566	575	2738	1498	2024	2219	1800	1324	1212	2312	1880	489	1356	1038	1543	1806	1806	1939	2895	2475	2252	2476
98	529844.5	4541587.8	854.2	5288	2140	1739	678	1407	4830	4605	3307	4639	3037	3374	2921	4467	4232	3920	4255	3988	3603	3316	2293	1587	1325	1325	1384	386	686	902	682
99	529846.0	4541566.5	857.3	5309	2161	1756	681	1423	4851	4626	3329	4658	3057	3394	2939	4488	4253	3942	4275	4009	3624	3337	2314	1608	1346	1346	1405	402	704	923	703
100	529797.4	4541457.8	864.8	5403	2278	1874	761	1538	4947	4728	3433	4777	3174	3512	3058	4599	4359	4051	4393	4125	3718	3452	2422	1707	1446	1446	1520	520	778	1031	814
101	529773.5	4541451.5	863.6	5403	2291	1892	785	1558	4948	4731	3437	4791	3185	3527	3075	4607	4364	4057	4406	4137	3719	3462	2428	1709	1450	1450	1530	538	774	1038	822
102	529753.9	4541437.5	860.9	5412	2310	1915	809	1581	4958	4743	3450	4811	3204	3547	3096	4623	4377	4071	4425	4155	3729	3480	2442	1721	1462	1462	1547	560	780	1053	838

Nome ricettore	Nome Sorgente			BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
	Coordinate		X (m)	528524	530397	530818	530506	530745	528804	529235	529530	531408	530525	531048	531205	530098	529564	529830	531084	530686	528976	530358	529774	529538	529615	529615	530054	530069	529480	529810	529860
			Y (m)	4546708	4543655	4543029	4541734	4542669	4546304	4546152	4544880	4545955	4544547	4544740	4544172	4546047	4545810	4545508	4545658	4545486	4545084	4544864	4543879	4543144	4542892	4542892	4542955	4541899	4542167	4542488	4542268
			H (m)	30	54	20	20	20	20	20	20	20	20	20	54	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	X (m)	Y (m)	Z (m)	Ecopower												Altri gestori															
103	530098.2	4541241.5	849.9	5689	2433	1927	640	1567	5225	4986	3683	4892	3333	3625	3133	4806	4600	4275	4525	4285	4003	3632	2658	1984	1720	1720	1715	659	1114	1280	1055
104	530033.6	4541280.3	863.8	5634	2403	1917	655	1560	5172	4937	3635	4873	3304	3605	3120	4767	4554	4233	4502	4256	3948	3599	2612	1929	1666	1666	1675	621	1046	1229	1004
105	529892.3	4541212.2	873.6	5664	2495	2039	806	1688	5207	4983	3686	4979	3394	3712	3238	4839	4610	4296	4603	4347	3979	3682	2670	1964	1703	1703	1751	710	1041	1279	1057
106	529882.6	4541157.5	880.5	5714	2550	2092	849	1740	5258	5036	3739	5034	3450	3767	3292	4894	4664	4351	4658	4403	4030	3737	2724	2017	1755	1755	1806	766	1088	1333	1111

Legenda: = 150 < d < 500 m; = d ≤ 150


Legenda
Aerogeneratore di progetto
Cavidotto Linea A
Cavidotto Linea B
Cavidotto Linea C
Strade Nuove
Piazzole Provvisorie
Allargamenti Provvisori
Aerogeneratori Esistenti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BS3
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BS5
BS8
BS7
BS9
BS10
BS11
amento Calaggio\2022.08.22\ORTO\ORTO
BS15
BS14
Legenda
Aerogeneratore di progetto
Cavidotto Linea A
Cavidotto Linea B
Cavidotto Linea C
Strade Nuove
Piazzole Provvisorie
Allargamenti Provvisori
Attraversamento Strada Provinciale
Aerogeneratori Esistenti
REGIONE CAMPANIA
COMUNE di BISACCIA
Provincia di Avellino
PROGETTO GENERALE
DI UN PARCO EOLICO
– Località CALAGGIO –
TAVOLA
N° 4
LAYOUT IMPIANTO SU ORTOFOTO
DATA: Ottobre 2022
COMMITTENTE:
Ecopower Srl
Via Cordito n° 5 CERVINARA (AV)
PROGETTISTA:


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BS4
BS5
BS6
BS7
Acquedotto Pugliese

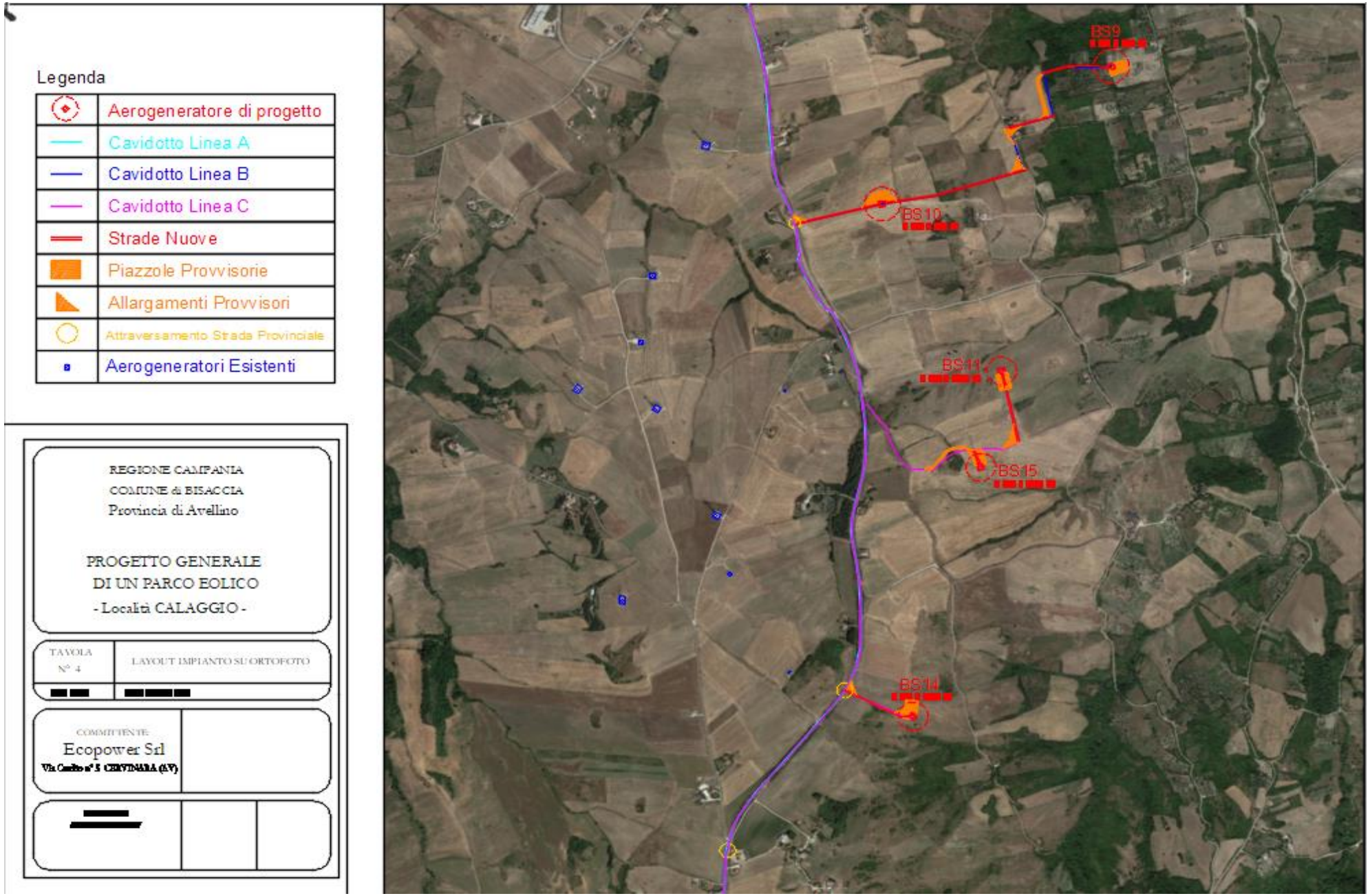

Figura 3: Ortofoto dell'impianto

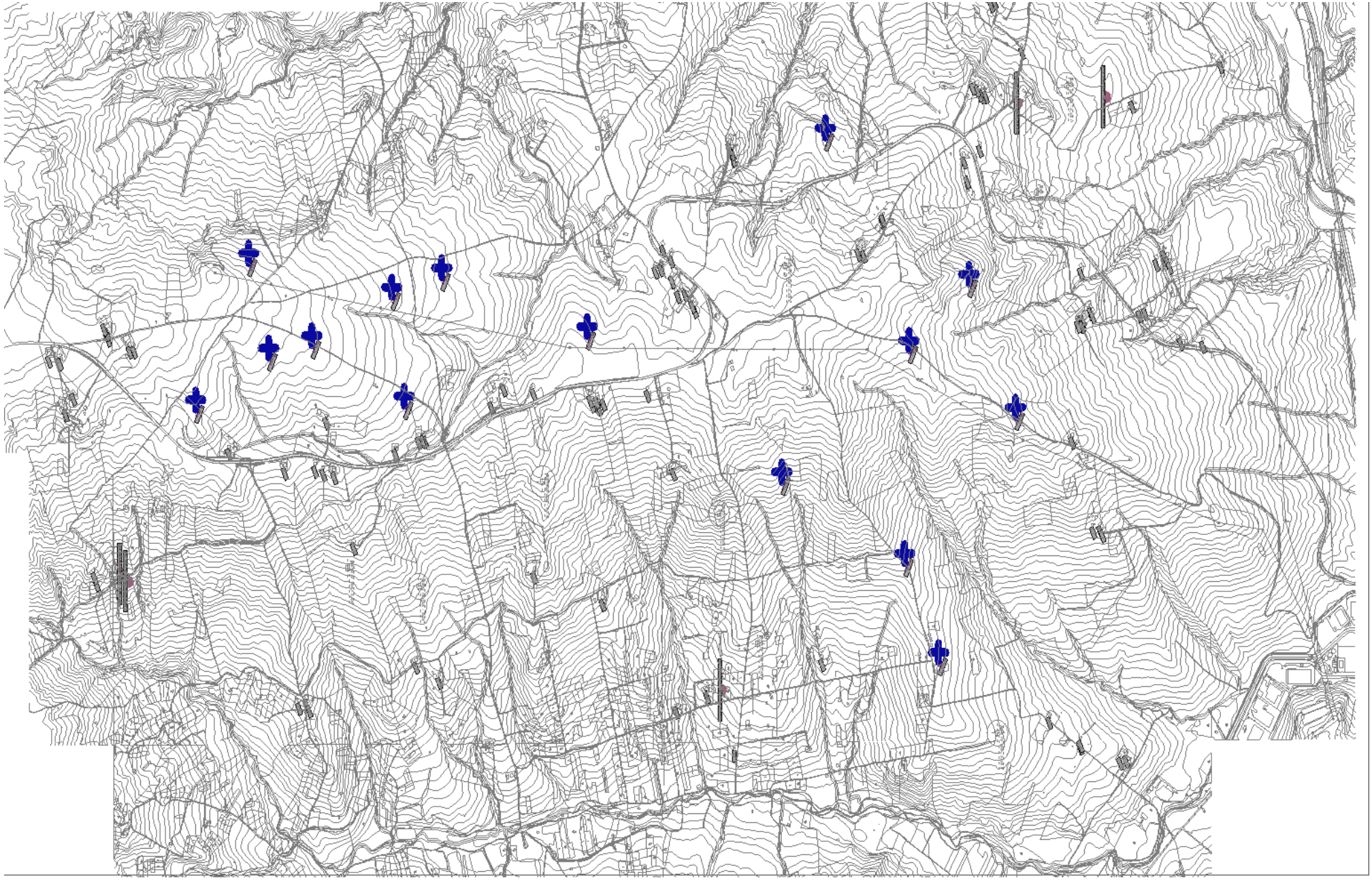

Figura 4: Sorgenti Altro Gestore

Figura 5: Sorgenti Ecopower

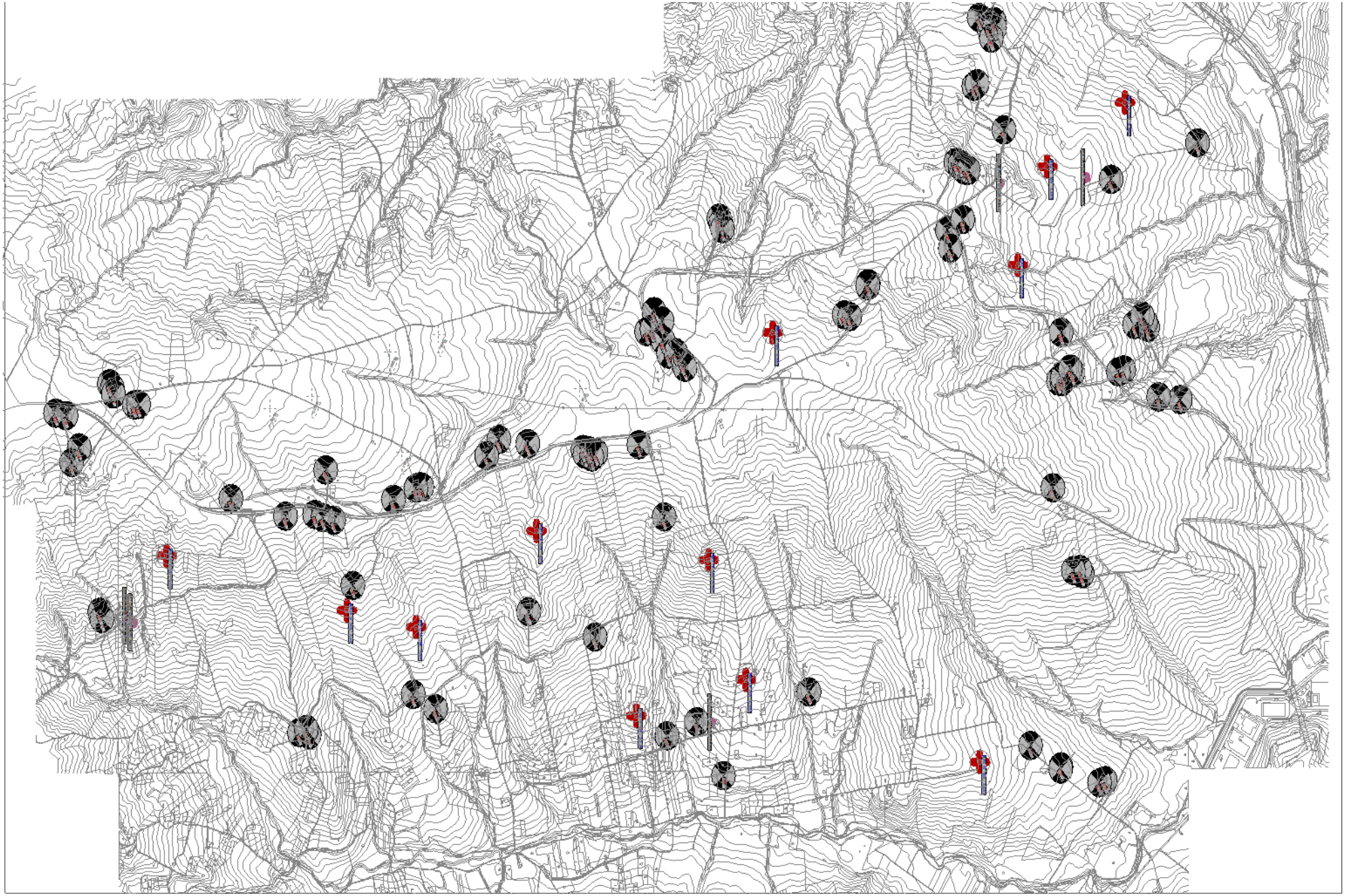

Figura 6: Sorgenti Ecopower e ricettori sensibili

Figura 7: Sorgenti Altro Gestore e ricettori sensibili

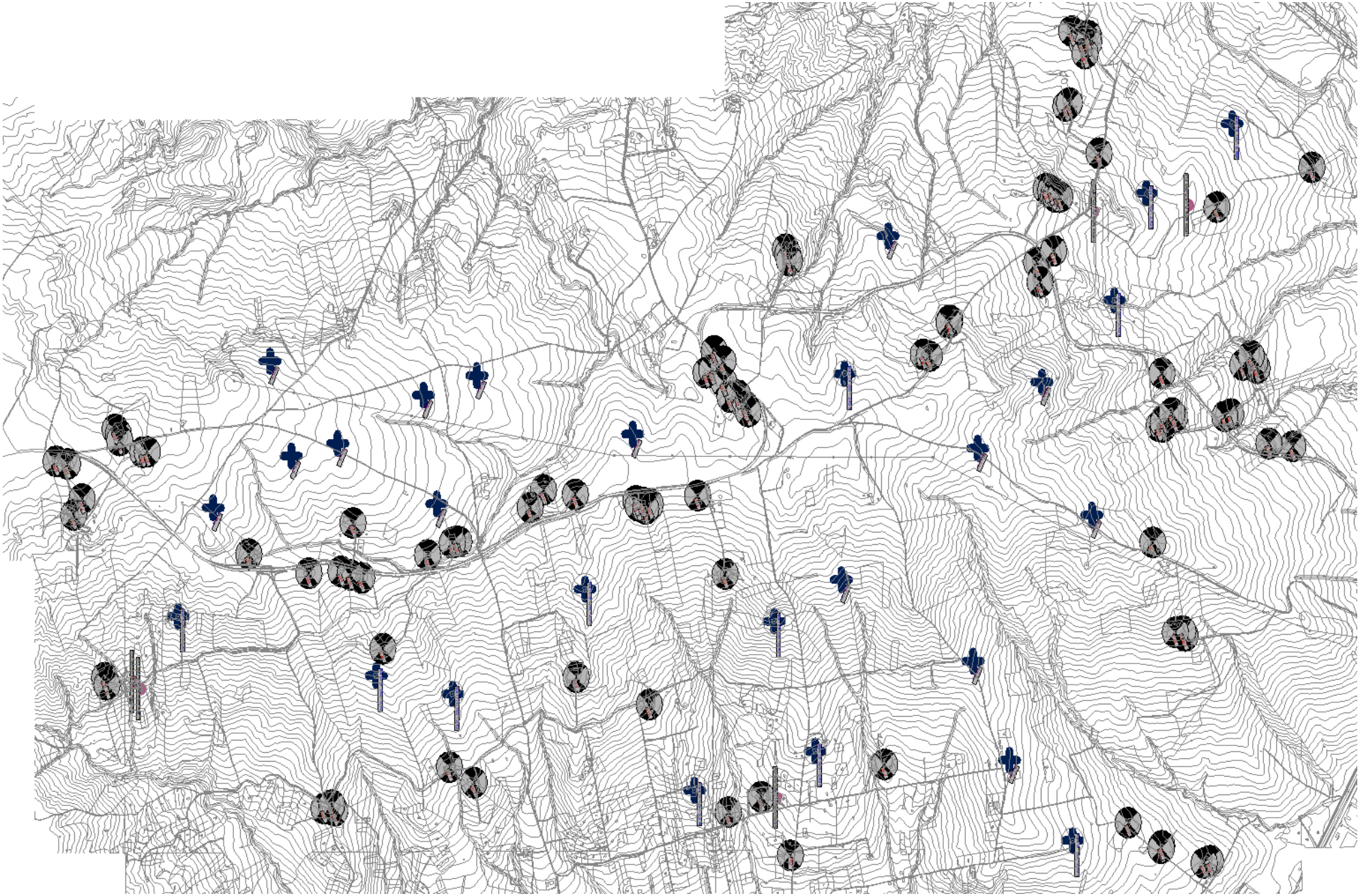

Figura 8: Tutte le sorgenti e tutti i recettori

VALUTAZIONE CLIMA ACUSTICO CON VENTO A 16 M/SEC

3) Potenza sonora aereogeneratori con vento [16 m/s] (dati costruttore)

Attiv.	Nome	Potenza sonora PWL		Freq	Attrib Dir	Coordinate UTM WGS 84 Fuse 33		
		Giorno	Notte			X	Y	H
		(dBA)	(dBA)	(Hz)		(m)	(m)	(m)
Ecopower (di progetto)	BS1 (V 150 – 6,0 MW)	104.9	104.9	500	Elemento (ÖAL28)	528524	4546708	30
	BS10 (V 126 - 3,3 MW)	106.0	106.0	500	Elemento (ÖAL28)	530397	4543655	54
	BS11 (V 105 - 3,45 MW)	104.7	104.7	500	Elemento (ÖAL28)	530818	4543029	20
	BS14 (V 105 - 3,45 MW)	104.7	104.7	500	Elemento (ÖAL28)	530506	4541734	20
	BS15 (V 105 - 3,45 MW)	104.7	104.7	500	Elemento (ÖAL28)	530745	4542669	20
	BS2 (V 105 - 3,45 MW)	104.7	104.7	500	Elemento (ÖAL28)	528804	4546304	20
	BS3 (V 105 - 3,45 MW)	104.7	104.7	500	Elemento (ÖAL28)	529235	4546152	20
	BS5 (V 105 - 3,45 MW)	104.7	104.7	500	Elemento (ÖAL28)	529530	4544880	20
	BS6 (V 105 - 3,45 MW)	104.7	104.7	500	Elemento (ÖAL28)	531408	4545955	20
	BS7 (V 105 - 3,45 MW)	104.7	104.7	500	Elemento (ÖAL28)	530525	4544547	20
	BS8 (V 105 - 3,45 MW)	104.7	104.7	500	Elemento (ÖAL28)	531048	4544740	20
	BS9 (V 126 - 3,3 MW)	106.0	106.0	500	Elemento (ÖAL28)	531205	4544172	54
Altro Gestore (attive)	BS3-1	105.8	105.8	500	Elemento (ÖAL28)	530098	4546047	40
	BS3-2	105.8	105.8	500	Elemento (ÖAL28)	529564	4545810	40
	BS3-3	105.8	105.8	500	Elemento (ÖAL28)	529830	4545508	40
	BS6-1	105.8	105.8	500	Elemento (ÖAL28)	531084	4545658	40
	BS6-2	105.8	105.8	500	Elemento (ÖAL28)	530686	4545486	40
	BS5-1	105.8	105.8	500	Elemento (ÖAL28)	528976	4545084	40
	BS7-1	105.8	105.8	500	Elemento (ÖAL28)	530358	4544864	40
	BS10-1	105.8	105.8	500	Elemento (ÖAL28)	529774	4543879	40
	BS11-1	105.8	105.8	500	Elemento (ÖAL28)	529538	4543144	40
	BS11-2	105.8	105.8	500	Elemento (ÖAL28)	529615	4542892	40
	BS11-3	105.8	105.8	500	Elemento (ÖAL28)	529615	4542892	40
	BS11-4	105.8	105.8	500	Elemento (ÖAL28)	530054	4542955	40
	BS14-1	105.8	105.8	500	Elemento (ÖAL28)	530069	4541899	40
	BS15-1	105.8	105.8	500	Elemento (ÖAL28)	529480	4542167	40
	BS15-2	105.8	105.8	500	Elemento (ÖAL28)	529810	4542488	40
	BS15-3	105.8	105.8	500	Elemento (ÖAL28)	529860	4542268	40

4) Valore teorico emissione (immissione specifica) ai recettori [16 m/s] (calcolato)

Nome Ricettore	*Livello*		Limite Emissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
005	44.7	44.7	*55*	*45*	517.09	531293.26	4544331.17	517.09
003	44.7	44.7	*55*	*45*	526.07	531231.26	4544486.19	526.07
006	42.9	42.9	*55*	*45*	546.21	528859.35	4546635.76	546.21
004	42.5	42.5	*55*	*45*	533.07	531101.54	4545068.12	533.07
010	42.3	42.3	*55*	*45*	666.69	530749.82	4543613.27	666.69
016	42.1	42.1	*55*	*45*	611.71	530861.39	4543957.17	611.71
001	41.5	41.5	*55*	*45*	513.16	531467.10	4544623.33	513.16
007	41.7	41.7	*55*	*45*	616.01	531112.37	4543013.73	616.01
011	41.2	41.2	*55*	*45*	492.43	528699.51	4547083.84	492.43
008	40.8	40.8	*55*	*45*	620.62	531174.29	4543131.20	620.62
032	40.7	40.7	*55*	*45*	681.28	530336.11	4544315.73	681.28
044	40.5	40.5	*55*	*45*	626.74	529035.94	4545866.29	626.74
030	40.0	40.0	*55*	*45*	491.88	531428.33	4546375.56	491.88
029	40.0	40.0	*55*	*45*	491.88	531437.88	4546374.38	491.88
045	39.9	39.9	*55*	*45*	624.41	529082.61	4545785.99	624.41
009	39.8	39.8	*55*	*45*	585.91	529528.34	4546377.28	585.91
041	39.6	39.6	*55*	*45*	628.05	529161.12	4545801.85	628.05
024	39.2	39.2	*55*	*45*	635.57	531265.00	4542459.89	635.57
025	39.1	39.1	*55*	*45*	630.67	531288.59	4542474.21	630.67
028	39.0	39.0	*55*	*45*	634.21	531278.19	4542422.51	634.21
057	38.9	38.9	*55*	*45*	628.77	528818.81	4545894.81	628.77
046	38.8	38.8	*55*	*45*	720.61	530635.41	4542699.51	720.61
076	38.8	38.8	*55*	*45*	578.80	528643.78	4546079.34	578.80
058	38.6	38.6	*55*	*45*	626.44	528819.27	4545877.00	626.44
013	38.3	38.3	*55*	*45*	524.89	529458.17	4546798.15	524.89
061	38.3	38.3	*55*	*45*	628.57	528811.84	4545865.45	628.57
069	38.1	38.1	*55*	*45*	733.48	530061.64	4543905.17	733.48
062	38.1	38.1	*55*	*45*	733.88	530073.43	4543940.40	733.88
063	38.1	38.1	*55*	*45*	733.17	530055.27	4543962.04	733.17
054	38.1	38.1	*55*	*45*	733.68	530020.08	4544185.06	733.68
014	38.2	38.2	*55*	*45*	535.49	529494.58	4546759.01	535.49
075	38.0	38.0	*55*	*45*	738.31	530041.63	4543895.21	738.31
070	38.0	38.0	*55*	*45*	740.00	530047.12	4543929.09	740.00
015	38.0	38.0	*55*	*45*	520.56	529486.08	4546814.64	520.56
017	37.9	37.9	*55*	*45*	595.67	529689.49	4546425.10	595.67
020	37.8	37.8	*55*	*45*	592.22	529716.55	4546384.46	592.22
068	37.8	37.8	*55*	*45*	633.73	528793.52	4545852.32	633.73
073	37.6	37.6	*55*	*45*	749.14	530014.63	4543607.96	749.14
019	37.7	37.7	*55*	*45*	591.34	529726.93	4546382.78	591.34
018	37.7	37.7	*55*	*45*	594.56	529705.08	4546436.29	594.56
038	37.7	37.7	*55*	*45*	701.58	529460.14	4545278.46	701.58
074	37.6	37.6	*55*	*45*	744.09	530067.19	4543394.96	744.09
023	37.6	37.6	*55*	*45*	590.63	529741.59	4546363.11	590.63
037	37.6	37.6	*55*	*45*	502.03	531335.28	4546217.14	502.03
022	37.5	37.5	*55*	*45*	592.31	529742.13	4546382.32	592.31
072	37.5	37.5	*55*	*45*	634.03	528785.99	4545830.26	634.03
078	37.4	37.4	*55*	*45*	724.63	530752.32	4541388.51	724.63
071	37.4	37.4	*55*	*45*	712.20	530780.51	4541398.57	712.20
021	37.4	37.4	*55*	*45*	522.23	529506.75	4546826.46	522.23
033	37.4	37.4	*55*	*45*	477.32	531497.37	4546575.58	477.32
077	37.2	37.2	*55*	*45*	735.03	529997.13	4543458.20	735.03

Nome Ricettore	*Livello*		Limite Emissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
040	37.3	37.3	*55*	*45*	698.94	529452.55	4545250.88	698.94
043	37.2	37.2	*55*	*45*	680.98	529316.07	4545375.47	680.98
042	37.2	37.2	*55*	*45*	687.03	529323.98	4545372.05	687.03
059	37.0	37.0	*55*	*45*	748.53	530258.56	4542910.91	748.53
035	37.1	37.1	*55*	*45*	474.34	531488.96	4546605.68	474.34
084	37.1	37.1	*55*	*45*	553.91	528440.96	4545941.08	553.91
085	37.1	37.1	*55*	*45*	554.72	528453.62	4545924.20	554.72
064	37.0	37.0	*55*	*45*	745.44	530209.18	4543027.92	745.44
065	37.0	37.0	*55*	*45*	747.03	530204.64	4543058.17	747.03
066	36.9	36.9	*55*	*45*	747.11	530203.37	4543048.03	747.11
060	36.9	36.9	*55*	*45*	729.76	529682.09	4544424.89	729.76
051	36.9	36.9	*55*	*45*	768.25	530350.13	4542600.37	768.25
026	36.8	36.8	*55*	*45*	549.08	529700.72	4546673.46	549.08
027	36.7	36.7	*55*	*45*	547.86	529691.68	4546701.13	547.86
050	36.6	36.6	*55*	*45*	768.25	530338.51	4542545.93	768.25
067	36.3	36.3	*55*	*45*	726.45	529661.97	4544412.49	726.45
087	36.3	36.3	*55*	*45*	538.48	528242.29	4546013.74	538.48
055	36.1	36.1	*55*	*45*	773.47	530325.30	4542503.45	773.47
090	36.1	36.1	*55*	*45*	531.99	528195.56	4546030.35	531.99
079	35.8	35.8	*55*	*45*	727.45	529616.50	4544376.25	727.45
091	35.9	35.9	*55*	*45*	533.44	528196.16	4545999.68	533.44
092	35.9	35.9	*55*	*45*	530.18	528170.77	4546027.42	530.18
081	35.8	35.8	*55*	*45*	726.24	529622.72	4544338.37	726.24
056	35.6	35.6	*55*	*45*	785.43	530332.71	4542350.56	785.43
082	35.3	35.3	*55*	*45*	728.58	529562.88	4544309.66	728.58
093	35.4	35.4	*55*	*45*	533.24	528152.30	4545951.89	533.24
086	35.1	35.1	*55*	*45*	727.45	529479.82	4544305.51	727.45
080	35.1	35.1	*55*	*45*	779.44	530130.09	4542558.70	779.44
089	35.0	35.0	*55*	*45*	723.68	529524.61	4544226.21	723.68
088	35.0	35.0	*55*	*45*	725.80	529515.19	4544253.27	725.80
083	34.9	34.9	*55*	*45*	791.69	530256.40	4542067.17	791.69
094	34.7	34.7	*55*	*45*	727.15	529438.32	4544263.15	727.15
034	34.5	34.5	*55*	*45*	630.30	530208.99	4546334.09	630.30
031	34.4	34.4	*55*	*45*	533.52	529810.90	4546882.25	533.52
095	34.2	34.2	*55*	*45*	689.00	529075.71	4544619.69	689.00
096	34.0	34.0	*55*	*45*	691.12	529048.91	4544611.58	691.12
097	33.9	33.9	*55*	*45*	687.68	529028.45	4544599.96	687.68
036	33.8	33.8	*55*	*45*	518.72	529822.55	4546994.31	518.72
049	33.3	33.3	*55*	*45*	572.33	530569.66	4546439.13	572.33
052	32.3	32.3	*55*	*45*	573.56	530565.82	4546475.30	573.56
053	32.3	32.3	*55*	*45*	569.34	530584.17	4546485.84	569.34
098	31.1	31.1	*55*	*45*	854.21	529844.52	4541587.76	854.21
099	31.1	31.1	*55*	*45*	857.31	529845.99	4541566.51	857.31
103	30.6	30.6	*55*	*45*	849.87	530098.15	4541241.48	849.87
104	30.4	30.4	*55*	*45*	863.79	530033.63	4541280.29	863.79
100	29.9	29.9	*55*	*45*	864.80	529797.39	4541457.76	864.80
101	29.7	29.7	*55*	*45*	863.56	529773.50	4541451.52	863.56
102	29.5	29.5	*55*	*45*	860.90	529753.92	4541437.49	860.90
105	29.3	29.3	*55*	*45*	873.64	529892.26	4541212.19	873.64
106	29.0	29.0	*55*	*45*	880.51	529882.59	4541157.54	880.51

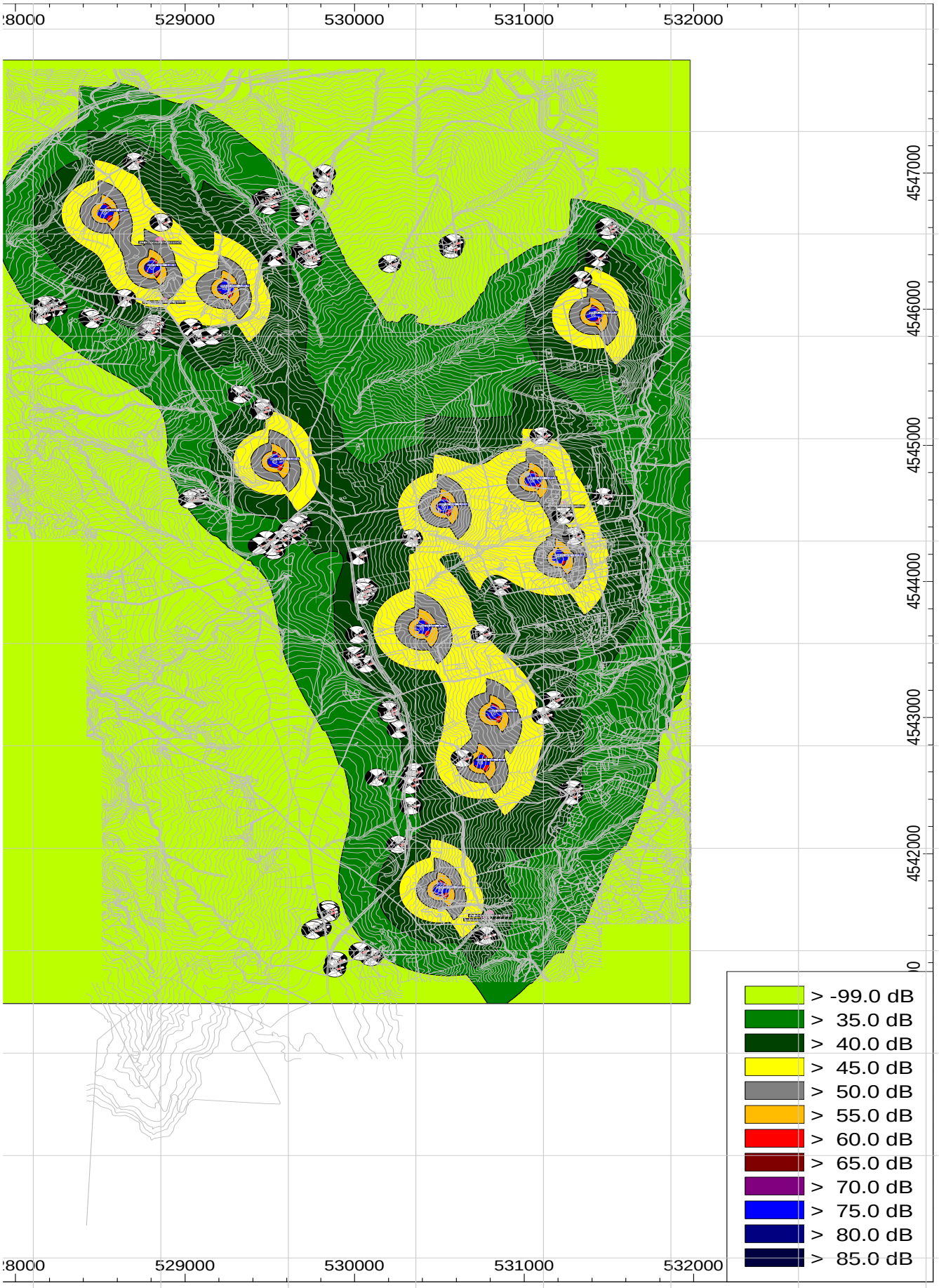

Figura 9: Isofonica Emissione (immissione specifica) [16 m/s]

5) Valore teorico residuo (*livello attuale sorgenti attive*) ai recettori [16 m/s] (calcolato)

Nome Ricettore	*Livello Lr*		Limite Immissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
080	46.3	46.0	*60*	*50*	779.44	530130.09	4542558.70	779.44
064	46.1	45.9	*60*	*50*	745.44	530209.18	4543027.92	745.44
066	46.1	45.9	*60*	*50*	747.11	530203.37	4543048.03	747.11
065	46.1	45.8	*60*	*50*	747.03	530204.64	4543058.17	747.03
077	46.0	45.8	*60*	*50*	735.03	529997.13	4543458.20	735.03
059	45.9	45.7	*60*	*50*	748.53	530258.56	4542910.91	748.53
074	45.9	45.7	*60*	*50*	744.09	530067.19	4543394.96	744.09
055	45.5	45.3	*60*	*50*	773.47	530325.30	4542503.45	773.47
073	45.5	45.2	*60*	*50*	749.14	530014.63	4543607.96	749.14
050	45.5	45.2	*60*	*50*	768.25	530338.51	4542545.93	768.25
056	45.4	45.1	*60*	*50*	785.43	530332.71	4542350.56	785.43
051	45.4	45.1	*60*	*50*	768.25	530350.13	4542600.37	768.25
083	45.3	45.0	*60*	*50*	791.69	530256.40	4542067.17	791.69
075	44.5	44.1	*60*	*50*	738.31	530041.63	4543895.21	738.31
069	44.3	44.0	*60*	*50*	733.48	530061.64	4543905.17	733.48
070	44.3	43.9	*60*	*50*	740.00	530047.12	4543929.09	740.00
062	44.2	43.8	*60*	*50*	733.88	530073.43	4543940.40	733.88
063	44.1	43.7	*60*	*50*	733.17	530055.27	4543962.04	733.17
034	43.7	43.3	*60*	*50*	630.30	530208.99	4546334.09	630.30
054	43.6	43.2	*60*	*50*	733.68	530020.08	4544185.06	733.68
023	43.5	43.0	*60*	*50*	590.63	529741.59	4546363.11	590.63
004	43.4	43.0	*60*	*50*	533.07	531101.54	4545068.12	533.07
020	43.4	42.9	*60*	*50*	592.22	529716.55	4546384.46	592.22
019	43.4	42.9	*60*	*50*	591.34	529726.93	4546382.78	591.34
022	43.3	42.9	*60*	*50*	592.31	529742.13	4546382.32	592.31
046	43.1	42.6	*60*	*50*	720.61	530635.41	4542699.51	720.61
043	43.1	42.6	*60*	*50*	680.98	529316.07	4545375.47	680.98
042	43.0	42.5	*60*	*50*	687.03	529323.98	4545372.05	687.03
009	43.0	42.5	*60*	*50*	585.91	529528.34	4546377.28	585.91
018	43.0	42.5	*60*	*50*	594.56	529705.08	4546436.29	594.56
017	42.9	42.4	*60*	*50*	595.67	529689.49	4546425.10	595.67
089	42.9	42.3	*60*	*50*	723.68	529524.61	4544226.21	723.68
038	42.8	42.3	*60*	*50*	701.58	529460.14	4545278.46	701.58
040	42.8	42.3	*60*	*50*	698.94	529452.55	4545250.88	698.94
088	42.8	42.2	*60*	*50*	725.80	529515.19	4544253.27	725.80
094	42.7	42.2	*60*	*50*	727.15	529438.32	4544263.15	727.15
032	42.7	42.1	*60*	*50*	681.28	530336.11	4544315.73	681.28
060	42.7	42.1	*60*	*50*	729.76	529682.09	4544424.89	729.76
082	42.7	42.1	*60*	*50*	728.58	529562.88	4544309.66	728.58
086	42.7	42.1	*60*	*50*	727.45	529479.82	4544305.51	727.45
081	42.6	42.0	*60*	*50*	726.24	529622.72	4544338.37	726.24
067	42.4	41.9	*60*	*50*	726.45	529661.97	4544412.49	726.45
041	42.4	41.8	*60*	*50*	628.05	529161.12	4545801.85	628.05
079	42.4	41.8	*60*	*50*	727.45	529616.50	4544376.25	727.45
045	42.3	41.7	*60*	*50*	624.41	529082.61	4545785.99	624.41
049	42.3	41.7	*60*	*50*	572.33	530569.66	4546439.13	572.33
052	42.0	41.4	*60*	*50*	573.56	530565.82	4546475.30	573.56
053	41.9	41.3	*60*	*50*	569.34	530584.17	4546485.84	569.34
044	41.9	41.2	*60*	*50*	626.74	529035.94	4545866.29	626.74
037	41.9	41.2	*60*	*50*	502.03	531335.28	4546217.14	502.03

Nome Ricettore	*Livello Lr*		Limite Immissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
098	41.8	41.1	*60*	*50*	854.21	529844.52	4541587.76	854.21
099	41.7	41.0	*60*	*50*	857.31	529845.99	4541566.51	857.31
026	41.5	40.8	*60*	*50*	549.08	529700.72	4546673.46	549.08
027	41.2	40.5	*60*	*50*	547.86	529691.68	4546701.13	547.86
100	41.2	40.4	*60*	*50*	864.80	529797.39	4541457.76	864.80
101	41.2	40.4	*60*	*50*	863.56	529773.50	4541451.52	863.56
010	41.0	40.2	*60*	*50*	666.69	530749.82	4543613.27	666.69
016	40.9	40.1	*60*	*50*	611.71	530861.39	4543957.17	611.71
102	40.9	40.1	*60*	*50*	860.90	529753.92	4541437.49	860.90
003	40.6	39.7	*60*	*50*	526.07	531231.26	4544486.19	526.07
095	40.6	39.7	*60*	*50*	689.00	529075.71	4544619.69	689.00
096	40.6	39.6	*60*	*50*	691.12	529048.91	4544611.58	691.12
097	40.5	39.6	*60*	*50*	687.68	529028.45	4544599.96	687.68
001	40.4	39.5	*60*	*50*	513.16	531467.10	4544623.33	513.16
014	40.4	39.5	*60*	*50*	535.49	529494.58	4546759.01	535.49
030	40.4	39.4	*60*	*50*	491.88	531428.33	4546375.56	491.88
029	40.2	39.2	*60*	*50*	491.88	531437.88	4546374.38	491.88
078	40.2	39.2	*60*	*50*	724.63	530752.32	4541388.51	724.63
058	40.2	39.2	*60*	*50*	626.44	528819.27	4545877.00	626.44
013	40.1	39.1	*60*	*50*	524.89	529458.17	4546798.15	524.89
071	40.1	39.1	*60*	*50*	712.20	530780.51	4541398.57	712.20
057	40.1	39.0	*60*	*50*	628.77	528818.81	4545894.81	628.77
015	40.0	38.9	*60*	*50*	520.56	529486.08	4546814.64	520.56
061	40.0	38.9	*60*	*50*	628.57	528811.84	4545865.45	628.57
021	39.9	38.9	*60*	*50*	522.23	529506.75	4546826.46	522.23
104	39.9	38.8	*60*	*50*	863.79	530033.63	4541280.29	863.79
031	39.8	38.7	*60*	*50*	533.52	529810.90	4546882.25	533.52
103	39.8	38.7	*60*	*50*	849.87	530098.15	4541241.48	849.87
105	39.8	38.7	*60*	*50*	873.64	529892.26	4541212.19	873.64
005	39.7	38.6	*60*	*50*	517.09	531293.26	4544331.17	517.09
068	39.7	38.5	*60*	*50*	633.73	528793.52	4545852.32	633.73
072	39.6	38.5	*60*	*50*	634.03	528785.99	4545830.26	634.03
007	39.6	38.4	*60*	*50*	616.01	531112.37	4543013.73	616.01
106	39.5	38.3	*60*	*50*	880.51	529882.59	4541157.54	880.51
036	39.2	37.9	*60*	*50*	518.72	529822.55	4546994.31	518.72
008	39.0	37.6	*60*	*50*	620.62	531174.29	4543131.20	620.62
024	38.9	37.5	*60*	*50*	635.57	531265.00	4542459.89	635.57
028	38.9	37.5	*60*	*50*	634.21	531278.19	4542422.51	634.21
025	38.8	37.4	*60*	*50*	630.67	531288.59	4542474.21	630.67
033	38.7	37.2	*60*	*50*	477.32	531497.37	4546575.58	477.32
035	38.6	37.1	*60*	*50*	474.34	531488.96	4546605.68	474.34
076	38.5	36.9	*60*	*50*	578.80	528643.78	4546079.34	578.80
006	38.2	36.5	*60*	*50*	546.21	528859.35	4546635.76	546.21
085	38.2	36.5	*60*	*50*	554.72	528453.62	4545924.20	554.72
084	38.1	36.3	*60*	*50*	553.91	528440.96	4545941.08	553.91
087	37.4	35.2	*60*	*50*	538.48	528242.29	4546013.74	538.48
091	37.2	35.0	*60*	*50*	533.44	528196.16	4545999.68	533.44
090	37.2	34.9	*60*	*50*	531.99	528195.56	4546030.35	531.99
092	37.1	34.8	*60*	*50*	530.18	528170.77	4546027.42	530.18
093	37.1	34.6	*60*	*50*	533.24	528152.30	4545951.89	533.24
011	36.2	33.0	*60*	*50*	492.43	528699.51	4547083.84	492.43

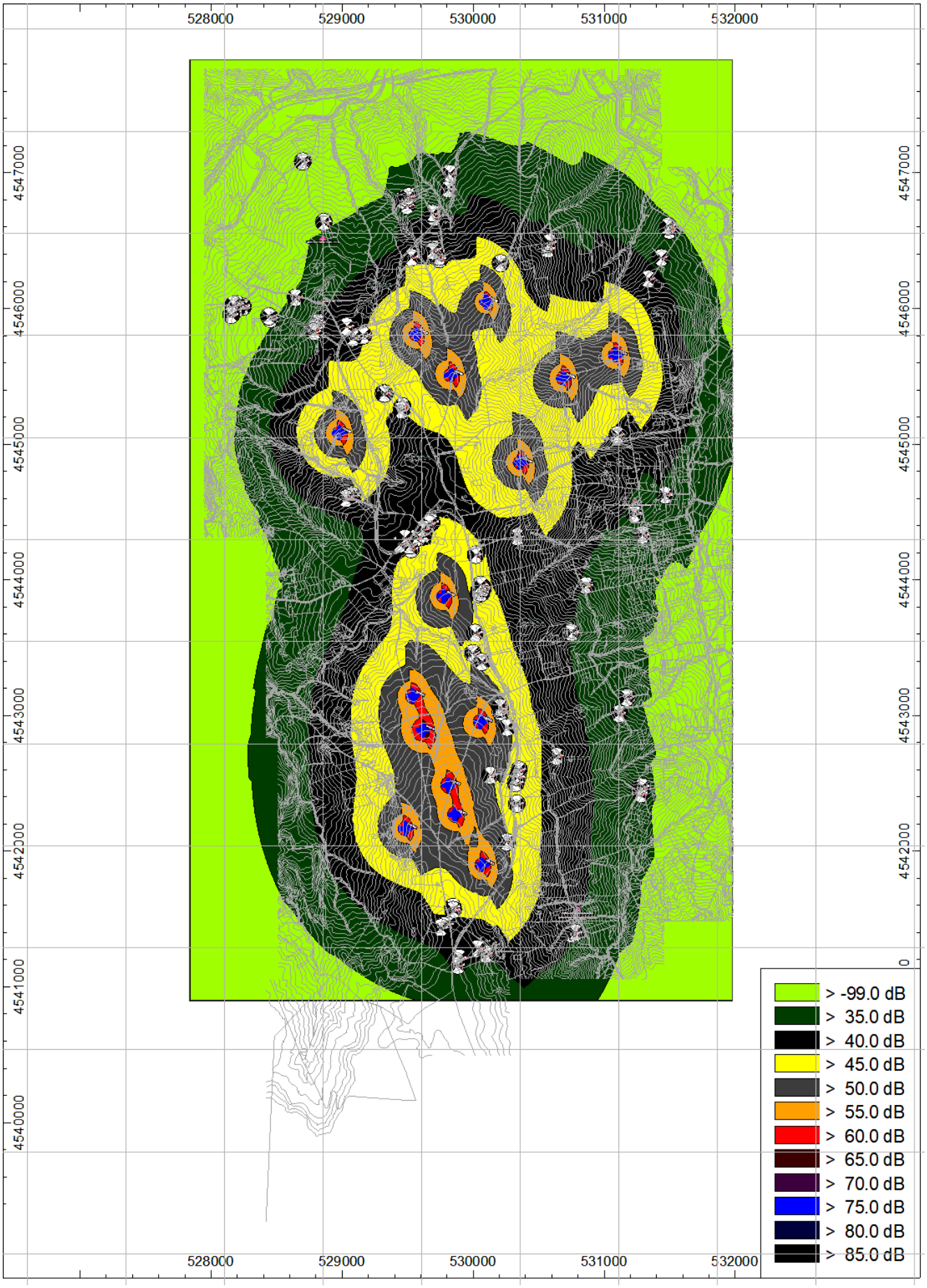

Figura 10: Isofonica Residuo Giorno (solo turbine esistenti altri gestori) [16 m/s]

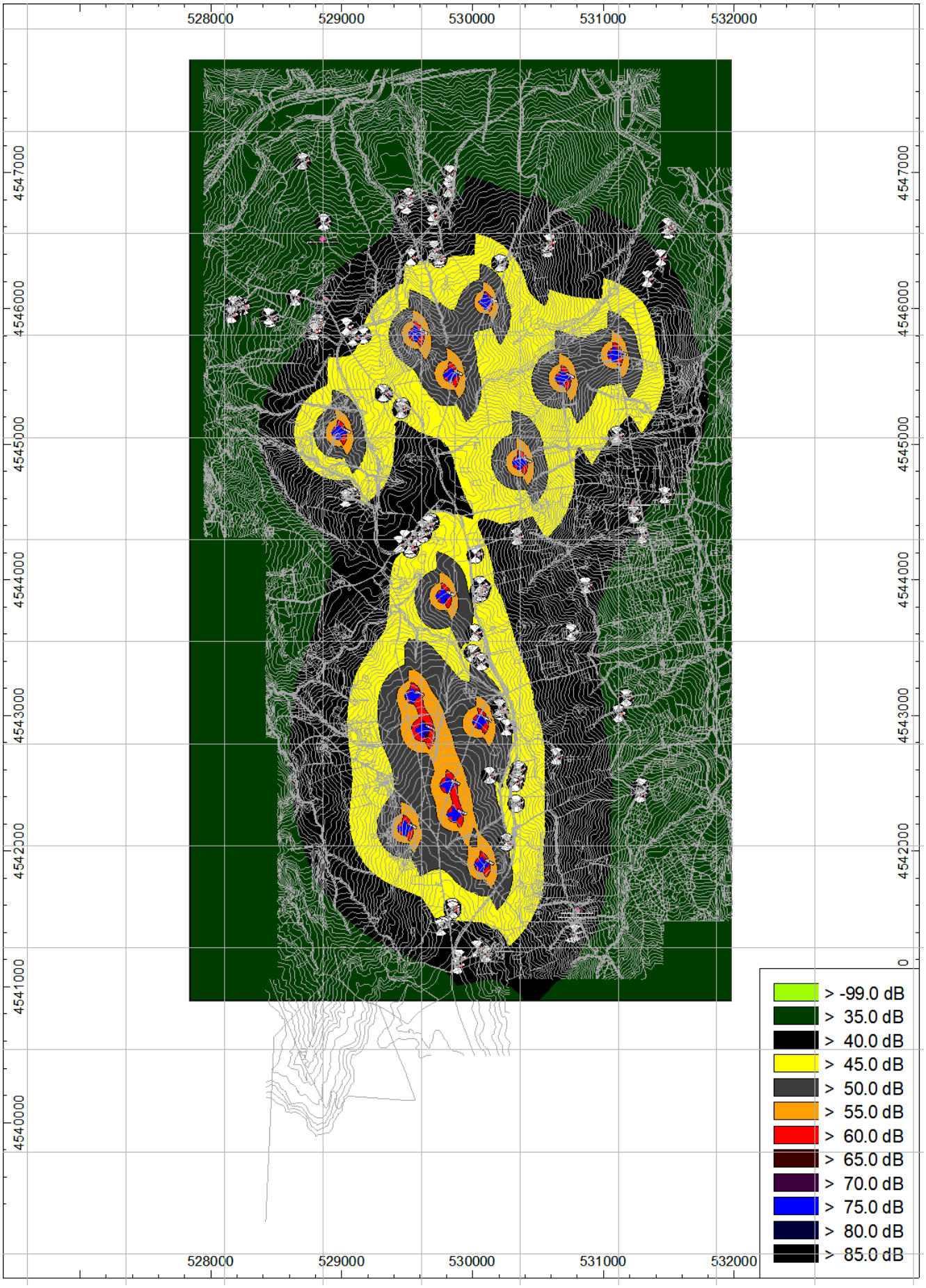

Figura 11: Isofonica Residuo Notte (solo turbine esistenti altri gestori) [16 m/s]

6) Valore teorico immissione (*tutte accese*) ai recettori [16 m/s] (calcolato)

Nome Ricettore	*Livello Lr*		Limite Immissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
064	46.6	46.4	*60*	*50*	745.44	530209.18	4543027.92	745.44
065	46.6	46.4	*60*	*50*	747.03	530204.64	4543058.17	747.03
066	46.6	46.4	*60*	*50*	747.11	530203.37	4543048.03	747.11
080	46.6	46.4	*60*	*50*	779.44	530130.09	4542558.70	779.44
074	46.5	46.3	*60*	*50*	744.09	530067.19	4543394.96	744.09
077	46.5	46.3	*60*	*50*	735.03	529997.13	4543458.20	735.03
059	46.5	46.2	*60*	*50*	748.53	530258.56	4542910.91	748.53
073	46.2	45.9	*60*	*50*	749.14	530014.63	4543607.96	749.14
003	46.1	45.9	*60*	*50*	526.07	531231.26	4544486.19	526.07
004	46.0	45.8	*60*	*50*	533.07	531101.54	4545068.12	533.07
050	46.0	45.8	*60*	*50*	768.25	530338.51	4542545.93	768.25
055	46.0	45.8	*60*	*50*	773.47	530325.30	4542503.45	773.47
051	45.9	45.7	*60*	*50*	768.25	530350.13	4542600.37	768.25
005	45.9	45.6	*60*	*50*	517.09	531293.26	4544331.17	517.09
056	45.8	45.6	*60*	*50*	785.43	530332.71	4542350.56	785.43
083	45.7	45.4	*60*	*50*	791.69	530256.40	4542067.17	791.69
075	45.3	45.1	*60*	*50*	738.31	530041.63	4543895.21	738.31
069	45.3	45.0	*60*	*50*	733.48	530061.64	4543905.17	733.48
070	45.2	44.9	*60*	*50*	740.00	530047.12	4543929.09	740.00
062	45.1	44.8	*60*	*50*	733.88	530073.43	4543940.40	733.88
063	45.1	44.8	*60*	*50*	733.17	530055.27	4543962.04	733.17
032	44.8	44.5	*60*	*50*	681.28	530336.11	4544315.73	681.28
009	44.7	44.4	*60*	*50*	585.91	529528.34	4546377.28	585.91
010	44.7	44.4	*60*	*50*	666.69	530749.82	4543613.27	666.69
054	44.7	44.3	*60*	*50*	733.68	530020.08	4544185.06	733.68
016	44.5	44.2	*60*	*50*	611.71	530861.39	4543957.17	611.71
023	44.5	44.1	*60*	*50*	590.63	529741.59	4546363.11	590.63
046	44.5	44.1	*60*	*50*	720.61	530635.41	4542699.51	720.61
020	44.4	44.1	*60*	*50*	592.22	529716.55	4546384.46	592.22
019	44.4	44.0	*60*	*50*	591.34	529726.93	4546382.78	591.34
045	44.3	43.9	*60*	*50*	624.41	529082.61	4545785.99	624.41
022	44.3	44.0	*60*	*50*	592.31	529742.13	4546382.32	592.31
044	44.2	43.9	*60*	*50*	626.74	529035.94	4545866.29	626.74
006	44.2	43.8	*60*	*50*	546.21	528859.35	4546635.76	546.21
034	44.2	43.8	*60*	*50*	630.30	530208.99	4546334.09	630.30
041	44.2	43.8	*60*	*50*	628.05	529161.12	4545801.85	628.05
017	44.1	43.7	*60*	*50*	595.67	529689.49	4546425.10	595.67
018	44.1	43.7	*60*	*50*	594.56	529705.08	4546436.29	594.56
043	44.1	43.7	*60*	*50*	680.98	529316.07	4545375.47	680.98
001	44.0	43.6	*60*	*50*	513.16	531467.10	4544623.33	513.16
038	44.0	43.6	*60*	*50*	701.58	529460.14	4545278.46	701.58
042	44.0	43.6	*60*	*50*	687.03	529323.98	4545372.05	687.03
040	43.9	43.5	*60*	*50*	698.94	529452.55	4545250.88	698.94
007	43.8	43.4	*60*	*50*	616.01	531112.37	4543013.73	616.01
060	43.7	43.3	*60*	*50*	729.76	529682.09	4544424.89	729.76
089	43.5	43.1	*60*	*50*	723.68	529524.61	4544226.21	723.68
067	43.4	42.9	*60*	*50*	726.45	529661.97	4544412.49	726.45
086	43.4	42.9	*60*	*50*	727.45	529479.82	4544305.51	727.45
094	43.4	42.9	*60*	*50*	727.15	529438.32	4544263.15	727.15
081	43.4	43.0	*60*	*50*	726.24	529622.72	4544338.37	726.24
082	43.4	43.0	*60*	*50*	728.58	529562.88	4544309.66	728.58
088	43.4	43.0	*60*	*50*	725.80	529515.19	4544253.27	725.80
037	43.3	42.8	*60*	*50*	502.03	531335.28	4546217.14	502.03

Nome Ricettore	*Livello Lr*		Limite Immissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
079	43.2	42.8	*60*	*50*	727.45	529616.50	4544376.25	727.45
030	43.2	42.7	*60*	*50*	491.88	531428.33	4546375.56	491.88
029	43.1	42.6	*60*	*50*	491.88	531437.88	4546374.38	491.88
008	43.0	42.5	*60*	*50*	620.62	531174.29	4543131.20	620.62
026	42.8	42.2	*60*	*50*	549.08	529700.72	4546673.46	549.08
049	42.8	42.2	*60*	*50*	572.33	530569.66	4546439.13	572.33
027	42.6	42.0	*60*	*50*	547.86	529691.68	4546701.13	547.86
014	42.5	41.9	*60*	*50*	535.49	529494.58	4546759.01	535.49
052	42.5	41.9	*60*	*50*	573.56	530565.82	4546475.30	573.56
058	42.5	41.9	*60*	*50*	626.44	528819.27	4545877.00	626.44
057	42.5	42.0	*60*	*50*	628.77	528818.81	4545894.81	628.77
011	42.4	41.8	*60*	*50*	492.43	528699.51	4547083.84	492.43
053	42.4	41.8	*60*	*50*	569.34	530584.17	4546485.84	569.34
013	42.3	41.7	*60*	*50*	524.89	529458.17	4546798.15	524.89
061	42.2	41.6	*60*	*50*	628.57	528811.84	4545865.45	628.57
015	42.1	41.5	*60*	*50*	520.56	529486.08	4546814.64	520.56
024	42.1	41.5	*60*	*50*	635.57	531265.00	4542459.89	635.57
098	42.1	41.5	*60*	*50*	854.21	529844.52	4541587.76	854.21
078	42.1	41.4	*60*	*50*	724.63	530752.32	4541388.51	724.63
099	42.0	41.4	*60*	*50*	857.31	529845.99	4541566.51	857.31
025	42.0	41.3	*60*	*50*	630.67	531288.59	4542474.21	630.67
028	42.0	41.3	*60*	*50*	634.21	531278.19	4542422.51	634.21
071	42.0	41.3	*60*	*50*	712.20	530780.51	4541398.57	712.20
021	41.9	41.2	*60*	*50*	522.23	529506.75	4546826.46	522.23
068	41.9	41.2	*60*	*50*	633.73	528793.52	4545852.32	633.73
072	41.7	41.0	*60*	*50*	634.03	528785.99	4545830.26	634.03
076	41.6	41.0	*60*	*50*	578.80	528643.78	4546079.34	578.80
095	41.5	40.8	*60*	*50*	689.00	529075.71	4544619.69	689.00
100	41.5	40.8	*60*	*50*	864.80	529797.39	4541457.76	864.80
101	41.5	40.8	*60*	*50*	863.56	529773.50	4541451.52	863.56
096	41.4	40.7	*60*	*50*	691.12	529048.91	4544611.58	691.12
097	41.4	40.6	*60*	*50*	687.68	529028.45	4544599.96	687.68
102	41.2	40.5	*60*	*50*	860.90	529753.92	4541437.49	860.90
033	41.1	40.3	*60*	*50*	477.32	531497.37	4546575.58	477.32
035	41.0	40.1	*60*	*50*	474.34	531488.96	4546605.68	474.34
031	40.9	40.1	*60*	*50*	533.52	529810.90	4546882.25	533.52
084	40.7	39.8	*60*	*50*	553.91	528440.96	4545941.08	553.91
085	40.7	39.8	*60*	*50*	554.72	528453.62	4545924.20	554.72
104	40.4	39.4	*60*	*50*	863.79	530033.63	4541280.29	863.79
036	40.3	39.3	*60*	*50*	518.72	529822.55	4546994.31	518.72
103	40.3	39.3	*60*	*50*	849.87	530098.15	4541241.48	849.87
105	40.2	39.1	*60*	*50*	873.64	529892.26	4541212.19	873.64
087	39.9	38.8	*60*	*50*	538.48	528242.29	4546013.74	538.48
106	39.9	38.8	*60*	*50*	880.51	529882.59	4541157.54	880.51
090	39.7	38.6	*60*	*50*	531.99	528195.56	4546030.35	531.99
091	39.7	38.5	*60*	*50*	533.44	528196.16	4545999.68	533.44
092	39.6	38.4	*60*	*50*	530.18	528170.77	4546027.42	530.18
093	39.3	38.0	*60*	*50*	533.24	528152.30	4545951.89	533.24

* Condizioni al contorno per calcolo immissione:

1] *Fondo minimo* giorno costante per tutti i recettori: 35 dB (A)

2] *Fondo minimo* notte costante per tutti i recettori: 30 dB (A)

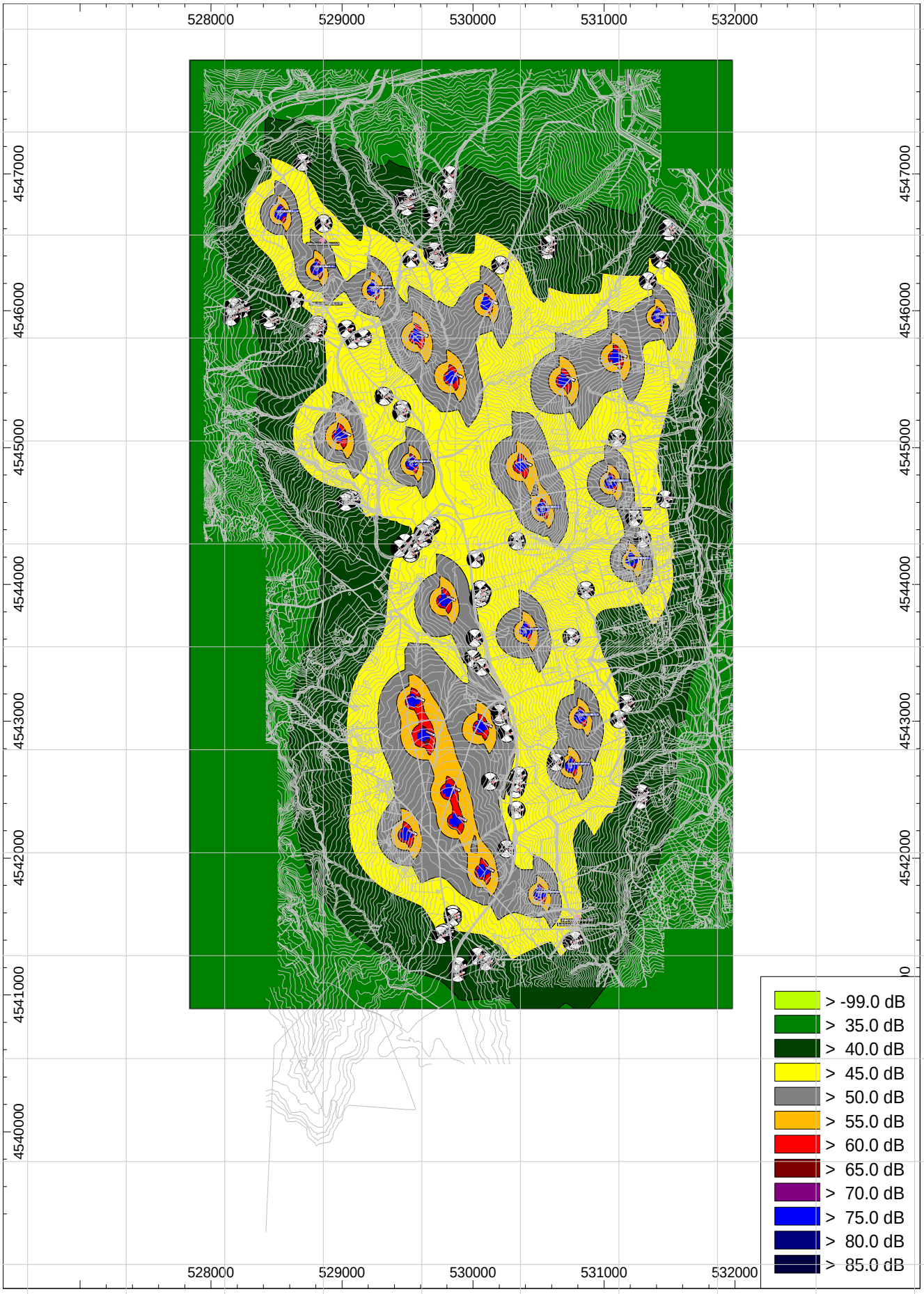

Figura 12: Isofonica Immissione giorno [16 m/s]

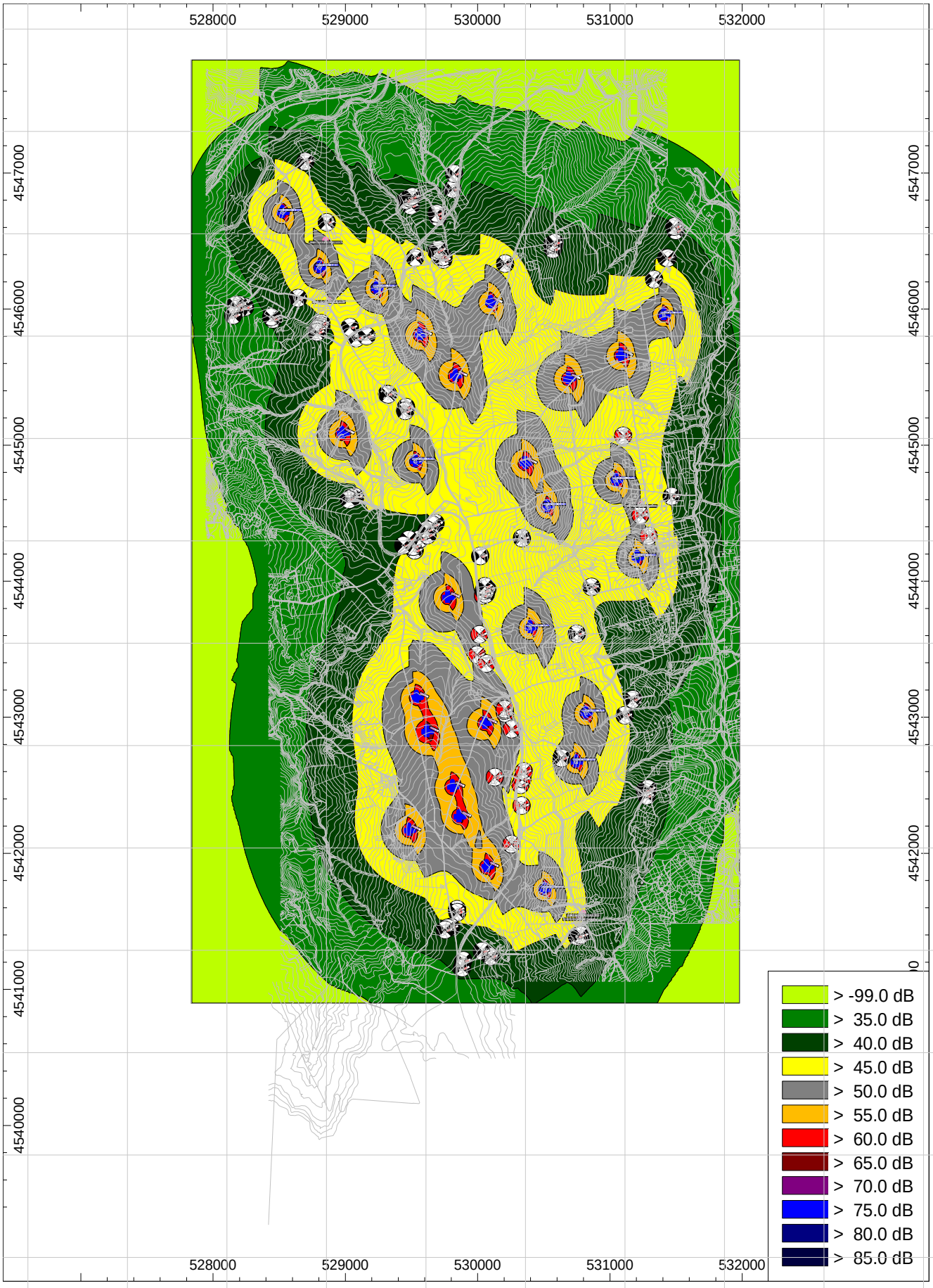

Figura 13: Isofonica Immissione notte [16 m/s]

7) Livelli parziali *massimi* ai recettori [16 m/s] (calcolato)

ID Rec.	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
1		27.5	25.5						26	29.4	37.7	37.6			26.4	35.5	33.5		31.6	24.5								
3		30.2	27.6		24.8			23.6	24.7	32.5	40.4	41.3	26.1		27.8	30	34.5		34.1	26.7				25.5				
4		27.7						24	29.6	32	40.1	36.1	29.5	27.3	30	35.9	39.4		35.1	24.9								
5		30.3	28.4		25.6			23.1	23.6	31.8	38.9	42.4			26.9	28.6	33.1		33.2	26.5				25.9				
6	38.9					39.8	32.8	21.6					26.7	30.8	27.3			31.2										
7		33.5	38.3	27.6	35.9					26.9	22.6	27.5								28.5	27	27.3	27.3	31.6	28.2	24.7	28.2	28
8		33.2	37.2	26.5	34.4					27.3	23.4	28.6								28.3	26.4	26.6	26.6	30.7	27.2		27.3	27.1
9	30.1					32.8	37.7	28.6					33.3	40.3	32.1	25.4	27.4	30.5	25.3									
10		38.7	36.6		33			25.4		27.6	26.8	31.3					24		30.6	32.6	29.1	29	29	33.2	27		28.8	28
11	39.2					36.1	28.4						23.9	27	23.9													
13	30.7					32.3	35.5	25.7					30.3	36.4	28.5		24.9	28.1										
14	30.3					32	35.5	25.9					30.8	36.6	28.9	23.9	25.3	28.2										
15	30.3					31.9	35.2	25.5					30.4	36.1	28.5		25	27.9										
16		36.6	33.3		29.9			25.8		34.9	30.4	34.8			28	25.3	26.7		34.1	31.3	27.2	26.9	26.9	30.5			26.5	
17	28.5					30.7	35.4	27.8	22.2				34.2	38.8	36.1	26.3	28.1	29.2	25.5									
18	28.3					30.6	35.2	27.6	22.3				34.2	38.6	36.7	26.4	28.1	29.1	25.5									
19	28.1					30.4	35.2	28	22.6				34.8	39	37.2	26.7	28.6	29.3	25.9									
20	28.2					30.5	35.3	28	22.5				34.7	39	37.2	26.7	28.5	29.3	25.9									
21	30.1					31.6	34.9						30.4	36	28.6		25	27.7										
22	28					30.3	35	27.9	22.7				34.9	38.8	37.1	26.8	28.7	29.2	26									
23	28					30.3	35.1	28.1	22.7				35	39	37.3	26.9	28.8	29.3	26.1									
24		29.5	34.8	29.7	35.3							23									25.8	26.5	26.5	30.2	29	24.7	27.9	28
25		29.4	34.7	29.4	35							23.1									25.6	26.3	26.3	30.1	28.7	24.5	27.7	27.8
26	28.2					30	34.1	26	21.8				32.7	36.5	34.6	25.5	26.8	27.8	23.9									
27	28.3					30	34	25.8	21.7				32.4	36.3	34.4	25.3	26.6	27.6										
28		29.2	34.5	29.7	35.1							22.7									25.6	26.4	26.4	30.1	29	24.6	27.8	27.9

ID Rec.	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
29									39.8		26.5		26.9		24.9	36.7	31.9		26.3									
30									39.8		26.5		27	23.6	25	36.7	32		26.3									
31	26.8					28.2	31.7		21.9				31.3	34.1	32.5	25.1	26											
32		37.4	25.1		22.7			31.1		33	29.7	29.7	23.4	29.6	32.9	26.5	29	28.4	34.9	35.6	29.5	28.5	28.5	31.1				
33									37.1		24.9		25.9			34.5	30.3											
34	23.8					25.7	29.5	26	26.2	25	22		40	34.5	34.9	30.2	31.4	26.3	31.7									
35									36.8		24.7		25.9			34.4	30.2											
36	26.4					27.7	30.9		21.5				30.4	33.1	31.6	24.6	25.4											
37									36.9	23.3	28		28.2	24.6	26.1	39	33.7		27.7									
38	26.6	22.7				30.2	29.1	34.4		24.6	22.7		29.3	34.8	35.6	25.4	28.7	37.4	30.9	28								
40	26.5	22.8				30.1	28.7	33.9		24.7	22.7		29.1	34.5	35.5	25.3	28.6	37.6	30.9	27.9								
41	31.6					36.1	34.3	28.5		20.6			30	36.8	33.7		26.5	37.2	26.8									
42	27.9					31.8	30	32.2		23.4	21.6		29.1	35.3	35.1	24.6	27.8	38.6	29.5	26.3								
43	28					31.9	30.1	32.2		23.4	21.6		29.1	35.3	35.1	24.6	27.7	38.7	29.5	26.3								
44	32.9					37.6	34.4	27.6					29	35.6	32.4		25.4	37.3	25.7									
45	32.1					36.7	34	28.4		20.3			29.2	36.1	33.1		25.9	37.8	26.4									
46		29.6	33	32	34.2					20.4		23.8								30.6	31.1	32	32	36.6	33.2	29.3	33.4	33.2
49						22.5	25.9	23.5	29.1	24.5	22.4		35.9	30.6	31.6	32.1	36.5		30.1									
50		28.2	30.2	30.2	32.1							21.7								31.4	33.3	34.7	34.7	38.7	36.2	32.4	36.8	36.6
51		28.7	30.6	30.8	32.2							22.1								31.7	33.4	34.6	34.6	38.8	35.7	32.1	36.5	36.2
52						22.5	25.8	23.4	28.8		22.1		35.7	30.5	31.4	31.8	36.2		29.8									
53						22.3	25.6	23.2	29		22.1		35.5	30.3	31.2	31.8	36		29.7									
54		32.4	24.6		22.6			33.1		30	26.5	26.8	22.4	26.2	27.8	24.3	26.9	30.5	32.6	39	32.2	30.9	30.9	33			28.8	
55		27.9	29.9	29.7	31.9															31.2	33.3	34.7	34.7	38.6	36.6	32.6	36.9	36.9
56		26.6	28.9	30.4	31.2															30.2	32.6	34.2	34.2	37.6	37.5	32.9	36.9	37.2
57	34.5					33.9	33.2	26.4					27.1	33.5	30.4			34.5	24.3									
58	33.9					33.7	33.1	26.5					27.1	33.5	30.5		23.9	34.6	24.4									
59		31.3	31.2	27.4	31.5					21.7		23.7								34.2	34.9	35.7	35.7	40.5	34	31.7	36.3	35.4

ID Rec.	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
60		29	21.7				22.1	33.9		29.1	24.7	24	23.8	27.4	29.8	23.9	26.9	34.2	32.3	36.4	32.1	30.4	30.4	26.5				
61	33					33.6	33	26.5					27.1	33.5	30.5			34.2	24.3									
62		34.1	26.4		24.4			31.3		28.9	25.7	27.1			25.9		25.4	29.2	30.9	39.5	33.4	32.3	32.3	34.9		26.9	30.3	28.9
63		33.9	26.2		24.2			31.6		28.9	25.7	27			26.1		25.5	29.4	31	39.7	33.4	32.2	32.2	34.8			30.3	28.8
64		32.2	31	25.8	30.7					22.5		24.2							24.1	35.3	35.5	36	36	40.8	33.2	31.5	36.1	35
65		32.4	30.9	25.6	30.5					22.7		24.3							24.3	35.5	35.5	36	36	40.7	33	31.4	35.9	34.8
66		32.4	30.9	25.6	30.6					22.6		24.2							24.2	35.4	35.6	36	36	40.7	33.1	31.4	36	34.9
67		28.9	21.7				21.8	32.7		29	24.5	23.9	23.7	27.4	29.7		26.7	34.3	32.1	35.3	32.3	30.6	30.6	26.5				
68	31.7					33.4	32.7	26.5					26.9	33.3	30.3			33.4	24.3									
69		34.2	26.6		24.6			31.2		28.6	25.5	26.9			25.7		25.1	29.1	30.5	39.7	33.7	32.6	32.6	35.3		27.1	30.6	29.2
70		34	26.3		24.3			31.4		28.6	25.5	26.8			25.9		25.2	29.3	30.7	39.8	33.7	32.5	32.5	35.1		27	30.5	29.1
71			23	36.9	25.8																			29.4	34.7	28.8	30.3	31.6
72	30.9					33.2	32.5	26.6					26.8	33.2	30.3			33.3	24.3									
73		34.3	27.8		26.2			29.6		26.2	23.6	25.7						28.1	28	39.8	35.8	34.9	34.9	38	29.3	29.2	33	31.5
74		34.1	29.2	22.3	27.9			28		24.9	22.7	25.2							26.6	38.5	36.4	35.9	35.9	39.6	30.8	30.3	34.5	33
75		34.1	26.5		24.5			31.3		28.4	25.3	26.7			25.6		25	29.2	30.4	39.9	33.9	32.8	32.8	35.4		27.3	30.8	29.3
76	32.5					35.6	32.7	24.5					25.9	31.8	28.6			31										
77		34	28.5	21.7	27.1			26.9		25.1	22.7	25.1							26.9	39.5	36.9	36.2	36.2	38.6	30.5	30.3	34.4	32.8
78			22.9	37	25.6																			29.5	34.9	29	30.4	31.7
79		28.9	21.7				21.6	31.9		28.5	24.1	23.6	23.3	27.1	29.3		26.3	34.5	31.6	34.7	32.7	30.9	30.9	26.7				
80		28	28.9	28.3	30.5															28	35.2	36.7	36.7	34.9	37.3	34.3	38.8	38.4
81		29.1	21.9				21.4	31.6		28.5	24.1	23.7	23.1	26.8	29.1		26.1	34.3	31.4	35	33	31.2	31.2	27			28.6	
82		28.9	21.8					31.4		28	23.6	23.2	22.8	26.6	28.7		25.7	34.7	30.9	35	33.4	31.6	31.6	27			28.8	
83		24.4	26.6	31.9	29.3																31.8	33.6	33.6	31	39.6	34.1	37	38
84	31.4					33.8	30.6	24.3					24.4	30.3	27.5			31.5										
85	31.2					33.7	30.7	24.5					24.5	30.5	27.6			31.6										
86		28.3	21.4				21.3	31.4		27.3	23	22.6	22.6	26.5	28.5		25.2	35.3	30.3	34.7	33.7	31.8	31.8	26.8			26.8	
87	31.7					32.7	28.9	22.8					22.9	28.5	25.9			29.9										

ID Rec.	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
88		28.8	21.8					31		27.5	23.1	22.9		26.2	28.2		25.1	34.7	30.3	35.2	34.1	32.2	32.2	27.3			28.1	
89		29.1	22					30.8		27.5	23.1	23		26	28		25	34.5	30.2	35.4	34.3	32.4	32.4	27.6			28.5	
90	31.7					32.3	28.5	22.5					22.6	28.2	25.5			29.5										
91	31.4					32.2	28.5	22.7					22.6	28.2	25.6			29.7										
92	31.6					32.1	28.3	22.4					22.4	28	25.3			29.4										
93	30.8					31.6	28	22.6						27.9	25.4			29.8										
94		28.3	21.4					31		26.9	22.6	22.4		26.2	28.1		24.8	35.4	29.8	34.7	34.2	32.2	32.2	27			25.7	
95		24.4				22.5	23.8	32.2		24.4			23.3	28.4	29.4		24.3	35.4	28.3	30.7	26.4	24.4	24.4					
96		24.3				22.5	23.7	32		24.2			23.2	28.3	29.2		24.1	35.4	28	30.6	26.4	24.4	24.4					
97		24.2				22.4	23.6	31.8		24.1			23	28.1	29		23.9	35.4	27.9	30.5	26.4	24.5	24.5					
98			21.8	29.5	24.1																25.5	27.4	27.4	27	34.2	36.5	30.6	32.2
99			21.7	29.4	24																25.4	27.2	27.2	26.8	34	36.4	30.4	32.1
100				28.8	23.1																24.6	26.5	26.5	26	33.3	36.1	29.6	31.2
101				28.6	23																24.6	26.5	26.5	25.9	33.2	36.2	29.5	31.1
102				28.5	22.9																24.6	26.4	26.4	25.8	33	35.4	29.4	31
103				29.8	23																	26	26	24.6	32.4	33	27.8	29.5
104				29.6	23																	25.2	25.2	24.9	32.6	33.6	28.1	29.8
105				28.4	22.1																	24.6	24.6	24.3	31.9	34	27.7	29.3
106				28.1	21.7																	24.3	24.3	23.9	31.4	33.7	27.2	28.9

VALUTAZIONE CLIMA ACUSTICO CON VENTO A 8 M/SEC

8) Potenza sonora aereogeneratori con vento [8 m/s] (dati costruttore)

Attiv.	Nome	Potenza sonora PWL		Freq	Attrib Dir	Coordinate UTM WGS 84 Fuse 33		
		Giorno	Notte			X	Y	H
		(dBA)	(dBA)	(Hz)		(m)	(m)	(m)
Ecopower (di progetto)	BS1 (V 150 – 6,0 MW)	102.7	102.7	500	Elemento (ÖAL28)	528524	4546708	30
	BS10 (V 126 - 3,3 MW)	101.2	101.2	500	Elemento (ÖAL28)	530397	4543655	54
	BS11 (V 105 - 3,45 MW)	104.4	104.4	500	Elemento (ÖAL28)	530818	4543029	20
	BS14 (V 105 - 3,45 MW)	104.4	104.4	500	Elemento (ÖAL28)	530506	4541734	20
	BS15 (V 105 - 3,45 MW)	104.4	104.4	500	Elemento (ÖAL28)	530745	4542669	20
	BS2 (V 105 - 3,45 MW)	104.4	104.4	500	Elemento (ÖAL28)	528804	4546304	20
	BS3 (V 105 - 3,45 MW)	104.4	104.4	500	Elemento (ÖAL28)	529235	4546152	20
	BS5 (V 105 - 3,45 MW)	104.4	104.4	500	Elemento (ÖAL28)	529530	4544880	20
	BS6 (V 105 - 3,45 MW)	104.4	104.4	500	Elemento (ÖAL28)	531408	4545955	20
	BS7 (V 105 - 3,45 MW)	104.4	104.4	500	Elemento (ÖAL28)	530525	4544547	20
	BS8 (V 105 - 3,45 MW)	104.4	104.4	500	Elemento (ÖAL28)	531048	4544740	20
	BS9 (V 126 - 3,3 MW)	101.2	101.2	500	Elemento (ÖAL28)	531205	4544172	54
Altro Gestore (attive)	BS3-1	103.4	103.4	500	Elemento (ÖAL28)	530098	4546047	40
	BS3-2	103.4	103.4	500	Elemento (ÖAL28)	529564	4545810	40
	BS3-3	103.4	103.4	500	Elemento (ÖAL28)	529830	4545508	40
	BS6-1	103.4	103.4	500	Elemento (ÖAL28)	531084	4545658	40
	BS6-2	103.4	103.4	500	Elemento (ÖAL28)	530686	4545486	40
	BS5-1	103.4	103.4	500	Elemento (ÖAL28)	528976	4545084	40
	BS7-1	103.4	103.4	500	Elemento (ÖAL28)	530358	4544864	40
	BS10-1	103.4	103.4	500	Elemento (ÖAL28)	529774	4543879	40
	BS11-1	103.4	103.4	500	Elemento (ÖAL28)	529538	4543144	40
	BS11-2	103.4	103.4	500	Elemento (ÖAL28)	529615	4542892	40
	BS11-3	103.4	103.4	500	Elemento (ÖAL28)	529615	4542892	40
	BS11-4	103.4	103.4	500	Elemento (ÖAL28)	530054	4542955	40
	BS14-1	103.4	103.4	500	Elemento (ÖAL28)	530069	4541899	40
	BS15-1	103.4	103.4	500	Elemento (ÖAL28)	529480	4542167	40
	BS15-2	103.4	103.4	500	Elemento (ÖAL28)	529810	4542488	40
	BS15-3	103.4	103.4	500	Elemento (ÖAL28)	529860	4542268	40

9) Valore teorico emissione (immissione specifica) ai recettori [8 m/s] (calcolato)

Nome Ricettore	Livello		Limite Emissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	Notte	Giorno	Notte	H	X	Y	Z
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
003	42.9	42.9	55	45	526.07	531231.26	4544486.19	526.07
005	42.5	42.5	55	45	517.09	531293.26	4544331.17	517.09
006	41.9	41.9	55	45	546.21	528859.35	4546635.76	546.21
004	41.4	41.4	55	45	533.07	531101.54	4545068.12	533.07
007	40.8	40.8	55	45	616.01	531112.37	4543013.73	616.01
016	40.3	40.3	55	45	611.71	530861.39	4543957.17	611.71
010	40.3	40.3	55	45	666.69	530749.82	4543613.27	666.69
044	39.9	39.9	55	45	626.74	529035.94	4545866.29	626.74
008	39.9	39.9	55	45	620.62	531174.29	4543131.20	620.62
001	39.9	39.9	55	45	513.16	531467.10	4544623.33	513.16
011	39.8	39.8	55	45	492.43	528699.51	4547083.84	492.43
030	39.7	39.7	55	45	491.88	531428.33	4546375.56	491.88
029	39.7	39.7	55	45	491.88	531437.88	4546374.38	491.88
009	39.4	39.4	55	45	585.91	529528.34	4546377.28	585.91
045	39.3	39.3	55	45	624.41	529082.61	4545785.99	624.41
041	39.0	39.0	55	45	628.05	529161.12	4545801.85	628.05
024	38.6	38.6	55	45	635.57	531265.00	4542459.89	635.57
032	38.5	38.5	55	45	681.28	530336.11	4544315.73	681.28
025	38.4	38.4	55	45	630.67	531288.59	4542474.21	630.67
028	38.3	38.3	55	45	634.21	531278.19	4542422.51	634.21
076	38.1	38.1	55	45	578.80	528643.78	4546079.34	578.80
057	38.0	38.0	55	45	628.77	528818.81	4545894.81	628.77
046	38.0	38.0	55	45	720.61	530635.41	4542699.51	720.61
058	37.8	37.8	55	45	626.44	528819.27	4545877.00	626.44
013	37.7	37.7	55	45	524.89	529458.17	4546798.15	524.89
014	37.6	37.6	55	45	535.49	529494.58	4546759.01	535.49
061	37.5	37.5	55	45	628.57	528811.84	4545865.45	628.57
017	37.4	37.4	55	45	595.67	529689.49	4546425.10	595.67
015	37.4	37.4	55	45	520.56	529486.08	4546814.64	520.56
037	37.3	37.3	55	45	502.03	531335.28	4546217.14	502.03
020	37.3	37.3	55	45	592.22	529716.55	4546384.46	592.22
019	37.2	37.2	55	45	591.34	529726.93	4546382.78	591.34
018	37.2	37.2	55	45	594.56	529705.08	4546436.29	594.56
078	37.1	37.1	55	45	724.63	530752.32	4541388.51	724.63
071	37.1	37.1	55	45	712.20	530780.51	4541398.57	712.20
068	37.1	37.1	55	45	633.73	528793.52	4545852.32	633.73
038	37.1	37.1	55	45	701.58	529460.14	4545278.46	701.58
033	37.1	37.1	55	45	477.32	531497.37	4546575.58	477.32
023	37.1	37.1	55	45	590.63	529741.59	4546363.11	590.63
022	37.0	37.0	55	45	592.31	529742.13	4546382.32	592.31
072	36.8	36.8	55	45	634.03	528785.99	4545830.26	634.03
040	36.8	36.8	55	45	698.94	529452.55	4545250.88	698.94
035	36.8	36.8	55	45	474.34	531488.96	4546605.68	474.34
021	36.8	36.8	55	45	522.23	529506.75	4546826.46	522.23
054	36.7	36.7	55	45	733.68	530020.08	4544185.06	733.68
043	36.7	36.7	55	45	680.98	529316.07	4545375.47	680.98
042	36.7	36.7	55	45	687.03	529323.98	4545372.05	687.03
085	36.4	36.4	55	45	554.72	528453.62	4545924.20	554.72
084	36.4	36.4	55	45	553.91	528440.96	4545941.08	553.91
063	36.3	36.3	55	45	733.17	530055.27	4543962.04	733.17

Nome Ricettore	Livello		Limite Emissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	Notte	Giorno	Notte	H	X	Y	Z
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
062	36.3	36.3	55	45	733.88	530073.43	4543940.40	733.88
026	36.3	36.3	55	45	549.08	529700.72	4546673.46	549.08
070	36.2	36.2	55	45	740.00	530047.12	4543929.09	740.00
069	36.2	36.2	55	45	733.48	530061.64	4543905.17	733.48
027	36.2	36.2	55	45	547.86	529691.68	4546701.13	547.86
075	36.1	36.1	55	45	738.31	530041.63	4543895.21	738.31
051	36.1	36.1	55	45	768.25	530350.13	4542600.37	768.25
060	36.0	36.0	55	45	729.76	529682.09	4544424.89	729.76
059	35.8	35.8	55	45	748.53	530258.56	4542910.91	748.53
050	35.7	35.7	55	45	768.25	530338.51	4542545.93	768.25
074	35.6	35.6	55	45	744.09	530067.19	4543394.96	744.09
087	35.5	35.5	55	45	538.48	528242.29	4546013.74	538.48
073	35.5	35.5	55	45	749.14	530014.63	4543607.96	749.14
066	35.4	35.4	55	45	747.11	530203.37	4543048.03	747.11
065	35.4	35.4	55	45	747.03	530204.64	4543058.17	747.03
064	35.4	35.4	55	45	745.44	530209.18	4543027.92	745.44
067	35.3	35.3	55	45	726.45	529661.97	4544412.49	726.45
055	35.3	35.3	55	45	773.47	530325.30	4542503.45	773.47
090	35.2	35.2	55	45	531.99	528195.56	4546030.35	531.99
091	35.1	35.1	55	45	533.44	528196.16	4545999.68	533.44
077	35.1	35.1	55	45	735.03	529997.13	4543458.20	735.03
092	35.0	35.0	55	45	530.18	528170.77	4546027.42	530.18
056	35.0	35.0	55	45	785.43	530332.71	4542350.56	785.43
079	34.7	34.7	55	45	727.45	529616.50	4544376.25	727.45
081	34.6	34.6	55	45	726.24	529622.72	4544338.37	726.24
093	34.5	34.5	55	45	533.24	528152.30	4545951.89	533.24
083	34.4	34.4	55	45	791.69	530256.40	4542067.17	791.69
080	34.2	34.2	55	45	779.44	530130.09	4542558.70	779.44
082	34.1	34.1	55	45	728.58	529562.88	4544309.66	728.58
086	34.0	34.0	55	45	727.45	529479.82	4544305.51	727.45
034	34.0	34.0	55	45	630.30	530208.99	4546334.09	630.30
088	33.8	33.8	55	45	725.80	529515.19	4544253.27	725.80
031	33.8	33.8	55	45	533.52	529810.90	4546882.25	533.52
089	33.7	33.7	55	45	723.68	529524.61	4544226.21	723.68
095	33.6	33.6	55	45	689.00	529075.71	4544619.69	689.00
094	33.5	33.5	55	45	727.15	529438.32	4544263.15	727.15
096	33.4	33.4	55	45	691.12	529048.91	4544611.58	691.12
097	33.3	33.3	55	45	687.68	529028.45	4544599.96	687.68
036	33.2	33.2	55	45	518.72	529822.55	4546994.31	518.72
049	33.0	33.0	55	45	572.33	530569.66	4546439.13	572.33
053	32.0	32.0	55	45	569.34	530584.17	4546485.84	569.34
052	32.0	32.0	55	45	573.56	530565.82	4546475.30	573.56
099	30.8	30.8	55	45	857.31	529845.99	4541566.51	857.31
098	30.8	30.8	55	45	854.21	529844.52	4541587.76	854.21
103	30.3	30.3	55	45	849.87	530098.15	4541241.48	849.87
104	30.1	30.1	55	45	863.79	530033.63	4541280.29	863.79
100	29.6	29.6	55	45	864.80	529797.39	4541457.76	864.80
101	29.4	29.4	55	45	863.56	529773.50	4541451.52	863.56
102	29.2	29.2	55	45	860.90	529753.92	4541437.49	860.90
105	29.0	29.0	55	45	873.64	529892.26	4541212.19	873.64
106	28.7	28.7	55	45	880.51	529882.59	4541157.54	880.51

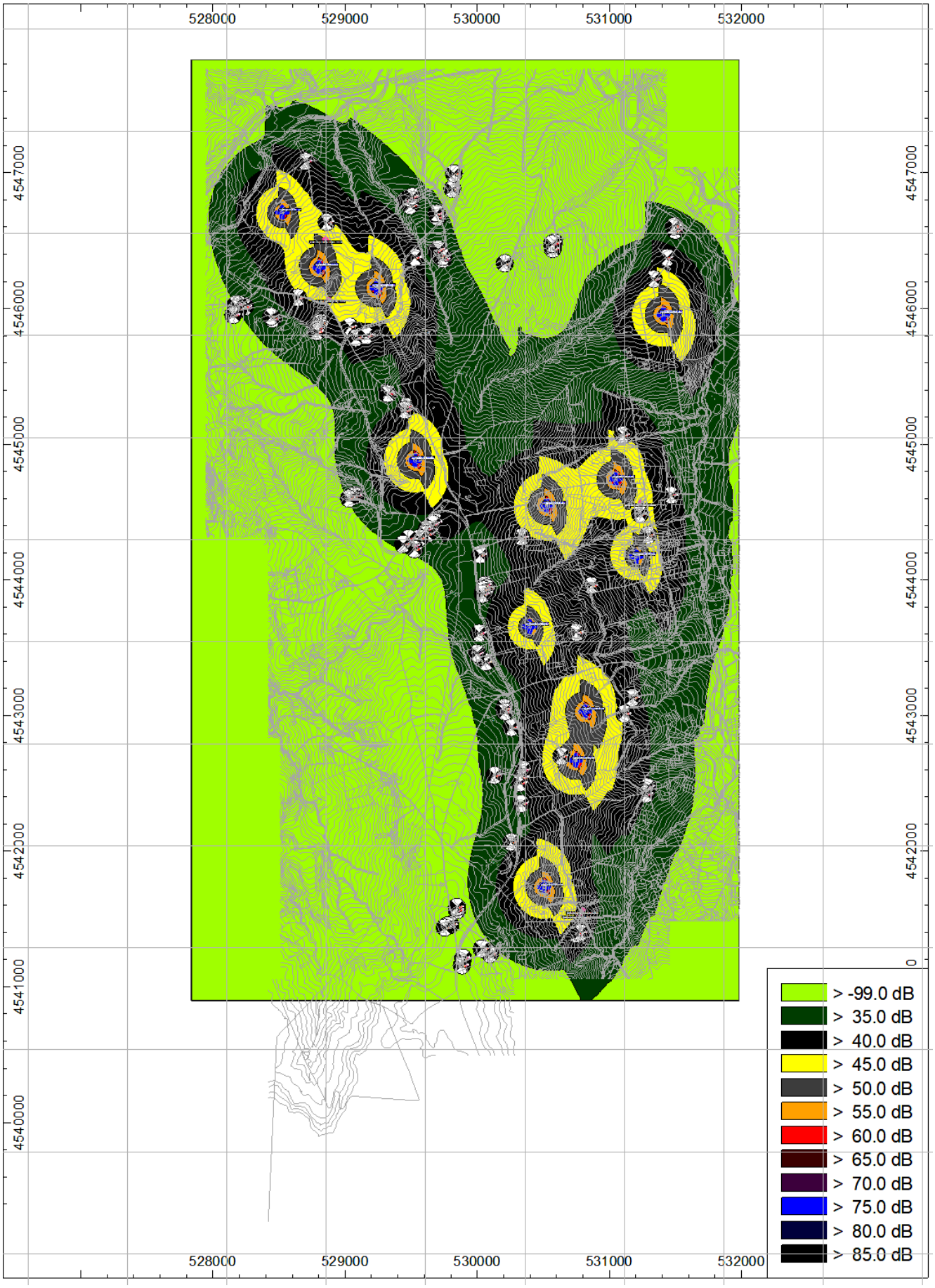

Figura 14: Isofonica Emissione Giorno/Notte (immissione specifica) [8 m/s]

10) Valore teorico residuo (*livello attuale sorgenti attive*) ai recettori [8 m/s] (calcolato)

Nome Ricettore	***Livello Lr***		*Limite Immissione*		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	*(dB(A))*	*(dB(A))*	(m)	(m)	(m)	(m)
080	44.1	43.7	*60*	*50*	779.44	530130.09	4542558.70	779.44
066	43.9	43.6	*60*	*50*	747.11	530203.37	4543048.03	747.11
064	44.0	43.6	*60*	*50*	745.44	530209.18	4543027.92	745.44
065	43.9	43.5	*60*	*50*	747.03	530204.64	4543058.17	747.03
059	43.8	43.4	*60*	*50*	748.53	530258.56	4542910.91	748.53
077	43.8	43.4	*60*	*50*	735.03	529997.13	4543458.20	735.03
074	43.8	43.3	*60*	*50*	744.09	530067.19	4543394.96	744.09
055	43.4	43.0	*60*	*50*	773.47	530325.30	4542503.45	773.47
050	43.3	42.9	*60*	*50*	768.25	530338.51	4542545.93	768.25
073	43.4	42.9	*60*	*50*	749.14	530014.63	4543607.96	749.14
051	43.2	42.8	*60*	*50*	768.25	530350.13	4542600.37	768.25
056	43.3	42.8	*60*	*50*	785.43	530332.71	4542350.56	785.43
083	43.2	42.7	*60*	*50*	791.69	530256.40	4542067.17	791.69
075	42.4	41.8	*60*	*50*	738.31	530041.63	4543895.21	738.31
070	42.3	41.7	*60*	*50*	740.00	530047.12	4543929.09	740.00
069	42.3	41.7	*60*	*50*	733.48	530061.64	4543905.17	733.48
063	42.1	41.5	*60*	*50*	733.17	530055.27	4543962.04	733.17
062	42.1	41.5	*60*	*50*	733.88	530073.43	4543940.40	733.88
034	41.7	41.0	*60*	*50*	630.30	530208.99	4546334.09	630.30
054	41.6	40.9	*60*	*50*	733.68	530020.08	4544185.06	733.68
023	41.5	40.8	*60*	*50*	590.63	529741.59	4546363.11	590.63
004	41.4	40.7	*60*	*50*	533.07	531101.54	4545068.12	533.07
020	41.4	40.7	*60*	*50*	592.22	529716.55	4546384.46	592.22
019	41.4	40.7	*60*	*50*	591.34	529726.93	4546382.78	591.34
022	41.4	40.6	*60*	*50*	592.31	529742.13	4546382.32	592.31
046	41.2	40.4	*60*	*50*	720.61	530635.41	4542699.51	720.61
009	41.1	40.3	*60*	*50*	585.91	529528.34	4546377.28	585.91
018	41.1	40.3	*60*	*50*	594.56	529705.08	4546436.29	594.56
043	41.1	40.3	*60*	*50*	680.98	529316.07	4545375.47	680.98
042	41.1	40.3	*60*	*50*	687.03	529323.98	4545372.05	687.03
017	41.0	40.2	*60*	*50*	595.67	529689.49	4546425.10	595.67
038	40.9	40.1	*60*	*50*	701.58	529460.14	4545278.46	701.58
089	40.9	40.1	*60*	*50*	723.68	529524.61	4544226.21	723.68
040	40.9	40.0	*60*	*50*	698.94	529452.55	4545250.88	698.94
088	40.9	40.0	*60*	*50*	725.80	529515.19	4544253.27	725.80
094	40.8	40.0	*60*	*50*	727.15	529438.32	4544263.15	727.15
032	40.8	39.9	*60*	*50*	681.28	530336.11	4544315.73	681.28
060	40.8	39.9	*60*	*50*	729.76	529682.09	4544424.89	729.76
082	40.8	39.9	*60*	*50*	728.58	529562.88	4544309.66	728.58
086	40.8	39.9	*60*	*50*	727.45	529479.82	4544305.51	727.45
081	40.7	39.8	*60*	*50*	726.24	529622.72	4544338.37	726.24
067	40.6	39.7	*60*	*50*	726.45	529661.97	4544412.49	726.45
041	40.5	39.6	*60*	*50*	628.05	529161.12	4545801.85	628.05
079	40.5	39.6	*60*	*50*	727.45	529616.50	4544376.25	727.45
045	40.5	39.5	*60*	*50*	624.41	529082.61	4545785.99	624.41
049	40.4	39.5	*60*	*50*	572.33	530569.66	4546439.13	572.33
052	40.2	39.2	*60*	*50*	573.56	530565.82	4546475.30	573.56
044	40.1	39.1	*60*	*50*	626.74	529035.94	4545866.29	626.74
037	40.1	39.1	*60*	*50*	502.03	531335.28	4546217.14	502.03
053	40.1	39.1	*60*	*50*	569.34	530584.17	4546485.84	569.34

Nome Ricettore	Livello Lr		Limite Immissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	Notte	Giorno	Notte	H	X	Y	Z
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
098	40.0	38.9	60	50	854.21	529844.52	4541587.76	854.21
099	39.9	38.8	60	50	857.31	529845.99	4541566.51	857.31
026	39.8	38.6	60	50	549.08	529700.72	4546673.46	549.08
027	39.5	38.3	60	50	547.86	529691.68	4546701.13	547.86
100	39.5	38.3	60	50	864.80	529797.39	4541457.76	864.80
101	39.5	38.3	60	50	863.56	529773.50	4541451.52	863.56
010	39.4	38.1	60	50	666.69	530749.82	4543613.27	666.69
016	39.2	38.0	60	50	611.71	530861.39	4543957.17	611.71
102	39.3	38.0	60	50	860.90	529753.92	4541437.49	860.90
095	39.0	37.7	60	50	689.00	529075.71	4544619.69	689.00
003	39.0	37.6	60	50	526.07	531231.26	4544486.19	526.07
096	39.0	37.6	60	50	691.12	529048.91	4544611.58	691.12
097	38.9	37.5	60	50	687.68	529028.45	4544599.96	687.68
001	38.9	37.4	60	50	513.16	531467.10	4544623.33	513.16
030	38.8	37.4	60	50	491.88	531428.33	4546375.56	491.88
014	38.8	37.4	60	50	535.49	529494.58	4546759.01	535.49
029	38.7	37.2	60	50	491.88	531437.88	4546374.38	491.88
058	38.7	37.2	60	50	626.44	528819.27	4545877.00	626.44
078	38.7	37.2	60	50	724.63	530752.32	4541388.51	724.63
013	38.6	37.1	60	50	524.89	529458.17	4546798.15	524.89
071	38.6	37.1	60	50	712.20	530780.51	4541398.57	712.20
057	38.6	37.0	60	50	628.77	528818.81	4545894.81	628.77
061	38.5	36.9	60	50	628.57	528811.84	4545865.45	628.57
015	38.5	36.9	60	50	520.56	529486.08	4546814.64	520.56
021	38.5	36.9	60	50	522.23	529506.75	4546826.46	522.23
104	38.4	36.8	60	50	863.79	530033.63	4541280.29	863.79
031	38.4	36.7	60	50	533.52	529810.90	4546882.25	533.52
103	38.3	36.7	60	50	849.87	530098.15	4541241.48	849.87
105	38.3	36.7	60	50	873.64	529892.26	4541212.19	873.64
005	38.3	36.6	60	50	517.09	531293.26	4544331.17	517.09
068	38.3	36.6	60	50	633.73	528793.52	4545852.32	633.73
007	38.2	36.5	60	50	616.01	531112.37	4543013.73	616.01
072	38.2	36.5	60	50	634.03	528785.99	4545830.26	634.03
106	38.1	36.4	60	50	880.51	529882.59	4541157.54	880.51
036	37.9	36.0	60	50	518.72	529822.55	4546994.31	518.72
008	37.7	35.7	60	50	620.62	531174.29	4543131.20	620.62
024	37.7	35.7	60	50	635.57	531265.00	4542459.89	635.57
028	37.6	35.6	60	50	634.21	531278.19	4542422.51	634.21
025	37.6	35.5	60	50	630.67	531288.59	4542474.21	630.67
033	37.5	35.4	60	50	477.32	531497.37	4546575.58	477.32
035	37.4	35.3	60	50	474.34	531488.96	4546605.68	474.34
076	37.3	35.1	60	50	578.80	528643.78	4546079.34	578.80
006	37.1	34.8	60	50	546.21	528859.35	4546635.76	546.21
085	37.1	34.7	60	50	554.72	528453.62	4545924.20	554.72
084	37.0	34.6	60	50	553.91	528440.96	4545941.08	553.91
087	36.5	33.6	60	50	538.48	528242.29	4546013.74	538.48
091	36.4	33.5	60	50	533.44	528196.16	4545999.68	533.44
090	36.4	33.4	60	50	531.99	528195.56	4546030.35	531.99
092	36.4	33.3	60	50	530.18	528170.77	4546027.42	530.18
093	36.3	33.2	60	50	533.24	528152.30	4545951.89	533.24
011	35.7	32.0	60	50	492.43	528699.51	4547083.84	492.43

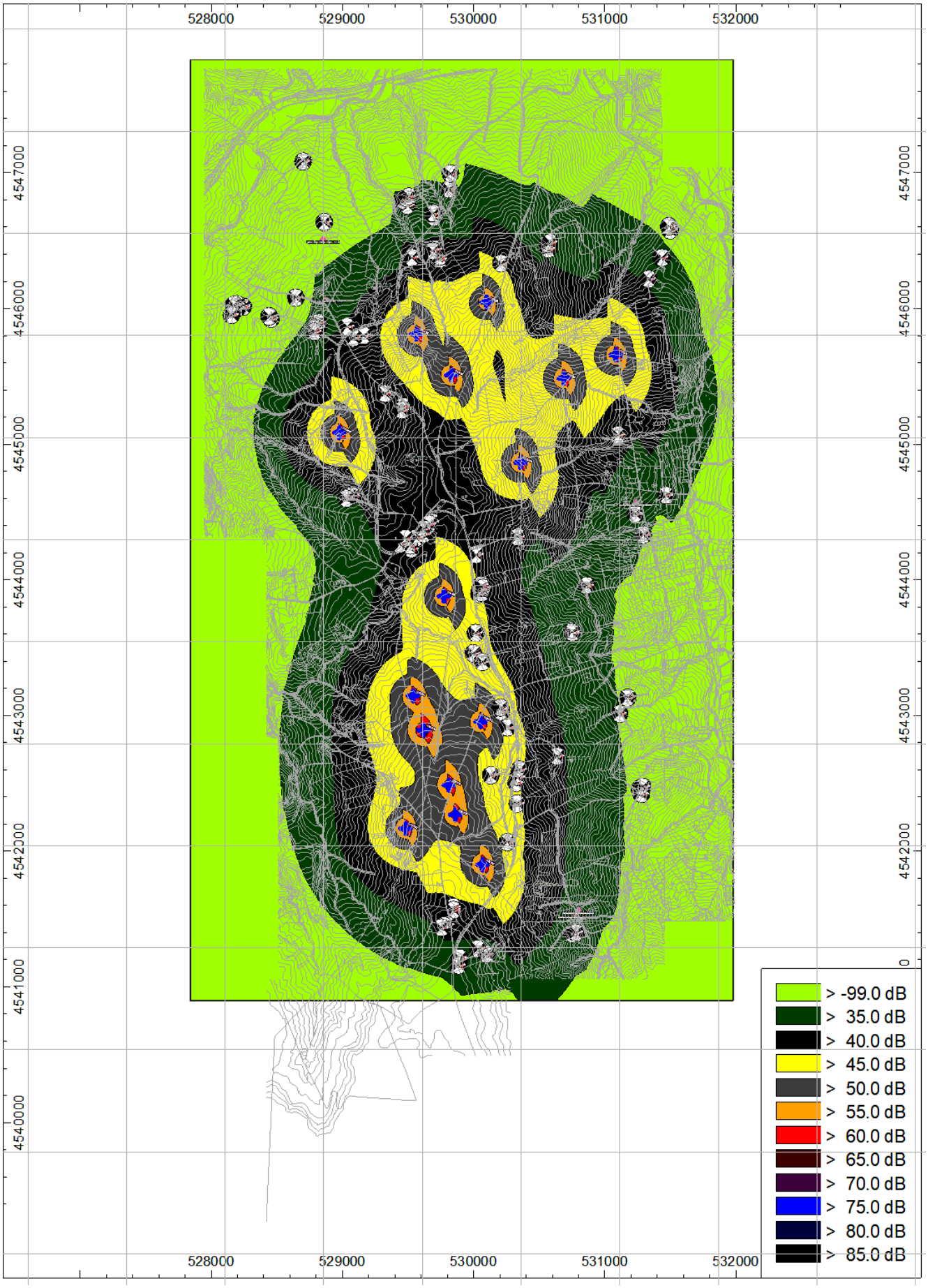

Figura 15: Isofonica Residuo Giorno (solo turbine esistenti altri gestori) [8 m/s]

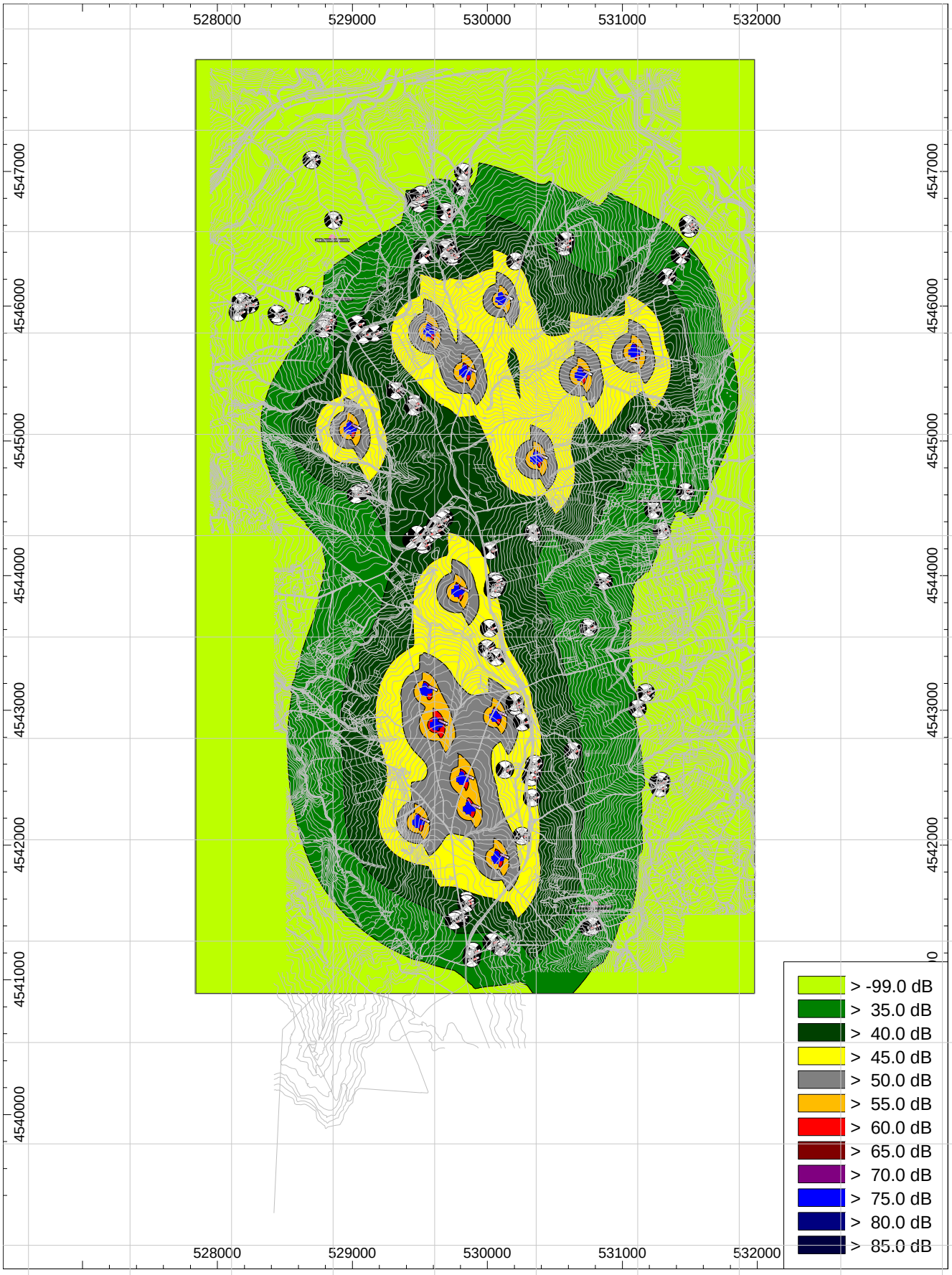

Figura 16: Isofonica Residuo Notte (solo turbine esistenti altri gestori) [8 m/s]

11) Valore teorico immissione (*tutte accese*) ai recettori [8 m/s] (calcolato)

Nome Ricettore	***Livello Lr***		*Limite Immissione*		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	*(dB(A))*	*(dB(A))*	(m)	(m)	(m)	(m)
080	44.5	44.2	*60*	*50*	779.44	530130.09	4542558.70	779.44
066	44.5	44.2	*60*	*50*	747.11	530203.37	4543048.03	747.11
064	44.5	44.2	*60*	*50*	745.44	530209.18	4543027.92	745.44
065	44.5	44.1	*60*	*50*	747.03	530204.64	4543058.17	747.03
059	44.4	44.1	*60*	*50*	748.53	530258.56	4542910.91	748.53
004	44.5	44.1	*60*	*50*	533.07	531101.54	4545068.12	533.07
003	44.4	44.1	*60*	*50*	526.07	531231.26	4544486.19	526.07
077	44.4	44.0	*60*	*50*	735.03	529997.13	4543458.20	735.03
074	44.4	44.0	*60*	*50*	744.09	530067.19	4543394.96	744.09
055	44.0	43.7	*60*	*50*	773.47	530325.30	4542503.45	773.47
050	44.0	43.7	*60*	*50*	768.25	530338.51	4542545.93	768.25
073	44.0	43.6	*60*	*50*	749.14	530014.63	4543607.96	749.14
051	44.0	43.6	*60*	*50*	768.25	530350.13	4542600.37	768.25
056	43.9	43.5	*60*	*50*	785.43	530332.71	4542350.56	785.43
005	43.9	43.5	*60*	*50*	517.09	531293.26	4544331.17	517.09
083	43.7	43.3	*60*	*50*	791.69	530256.40	4542067.17	791.69
075	43.3	42.9	*60*	*50*	738.31	530041.63	4543895.21	738.31
070	43.2	42.8	*60*	*50*	740.00	530047.12	4543929.09	740.00
069	43.3	42.8	*60*	*50*	733.48	530061.64	4543905.17	733.48
009	43.3	42.8	*60*	*50*	585.91	529528.34	4546377.28	585.91
062	43.1	42.7	*60*	*50*	733.88	530073.43	4543940.40	733.88
006	43.2	42.7	*60*	*50*	546.21	528859.35	4546635.76	546.21
063	43.1	42.6	*60*	*50*	733.17	530055.27	4543962.04	733.17
044	43.0	42.5	*60*	*50*	626.74	529035.94	4545866.29	626.74
046	42.9	42.4	*60*	*50*	720.61	530635.41	4542699.51	720.61
045	42.9	42.4	*60*	*50*	624.41	529082.61	4545785.99	624.41
054	42.8	42.3	*60*	*50*	733.68	530020.08	4544185.06	733.68
023	42.9	42.3	*60*	*50*	590.63	529741.59	4546363.11	590.63
020	42.8	42.3	*60*	*50*	592.22	529716.55	4546384.46	592.22
019	42.8	42.3	*60*	*50*	591.34	529726.93	4546382.78	591.34
032	42.8	42.3	*60*	*50*	681.28	530336.11	4544315.73	681.28
041	42.9	42.3	*60*	*50*	628.05	529161.12	4545801.85	628.05
010	42.8	42.3	*60*	*50*	666.69	530749.82	4543613.27	666.69
016	42.8	42.3	*60*	*50*	611.71	530861.39	4543957.17	611.71
022	42.7	42.2	*60*	*50*	592.31	529742.13	4546382.32	592.31
007	42.7	42.2	*60*	*50*	616.01	531112.37	4543013.73	616.01
018	42.6	42.0	*60*	*50*	594.56	529705.08	4546436.29	594.56
017	42.6	42.0	*60*	*50*	595.67	529689.49	4546425.10	595.67
043	42.5	41.9	*60*	*50*	680.98	529316.07	4545375.47	680.98
042	42.4	41.9	*60*	*50*	687.03	529323.98	4545372.05	687.03
038	42.4	41.9	*60*	*50*	701.58	529460.14	4545278.46	701.58
001	42.4	41.9	*60*	*50*	513.16	531467.10	4544623.33	513.16
034	42.4	41.8	*60*	*50*	630.30	530208.99	4546334.09	630.30
040	42.3	41.7	*60*	*50*	698.94	529452.55	4545250.88	698.94
030	42.3	41.7	*60*	*50*	491.88	531428.33	4546375.56	491.88
029	42.2	41.6	*60*	*50*	491.88	531437.88	4546374.38	491.88
060	42.0	41.4	*60*	*50*	729.76	529682.09	4544424.89	729.76
037	41.9	41.3	*60*	*50*	502.03	531335.28	4546217.14	502.03
008	41.9	41.3	*60*	*50*	620.62	531174.29	4543131.20	620.62
089	41.7	41.0	*60*	*50*	723.68	529524.61	4544226.21	723.68
081	41.7	41.0	*60*	*50*	726.24	529622.72	4544338.37	726.24
067	41.7	41.0	*60*	*50*	726.45	529661.97	4544412.49	726.45
088	41.6	40.9	*60*	*50*	725.80	529515.19	4544253.27	725.80
094	41.6	40.9	*60*	*50*	727.15	529438.32	4544263.15	727.15
082	41.6	40.9	*60*	*50*	728.58	529562.88	4544309.66	728.58

Nome Ricettore	***Livello Lr***		*Limite Immissione*		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	*(dB(A))*	*(dB(A))*	(m)	(m)	(m)	(m)
086	41.6	40.9	*60*	*50*	727.45	529479.82	4544305.51	727.45
079	41.5	40.8	*60*	*50*	727.45	529616.50	4544376.25	727.45
026	41.4	40.6	*60*	*50*	549.08	529700.72	4546673.46	549.08
014	41.3	40.5	*60*	*50*	535.49	529494.58	4546759.01	535.49
058	41.3	40.5	*60*	*50*	626.44	528819.27	4545877.00	626.44
057	41.3	40.5	*60*	*50*	628.77	528818.81	4545894.81	628.77
027	41.2	40.4	*60*	*50*	547.86	529691.68	4546701.13	547.86
013	41.2	40.4	*60*	*50*	524.89	529458.17	4546798.15	524.89
024	41.2	40.4	*60*	*50*	635.57	531265.00	4542459.89	635.57
011	41.2	40.4	*60*	*50*	492.43	528699.51	4547083.84	492.43
049	41.1	40.3	*60*	*50*	572.33	530569.66	4546439.13	572.33
078	41.0	40.2	*60*	*50*	724.63	530752.32	4541388.51	724.63
061	41.0	40.2	*60*	*50*	628.57	528811.84	4545865.45	628.57
015	41.0	40.2	*60*	*50*	520.56	529486.08	4546814.64	520.56
028	41.0	40.2	*60*	*50*	634.21	531278.19	4542422.51	634.21
025	41.0	40.2	*60*	*50*	630.67	531288.59	4542474.21	630.67
071	40.9	40.1	*60*	*50*	712.20	530780.51	4541398.57	712.20
052	40.8	40.0	*60*	*50*	573.56	530565.82	4546475.30	573.56
053	40.7	39.9	*60*	*50*	569.34	530584.17	4546485.84	569.34
021	40.7	39.9	*60*	*50*	522.23	529506.75	4546826.46	522.23
076	40.7	39.9	*60*	*50*	578.80	528643.78	4546079.34	578.80
068	40.7	39.8	*60*	*50*	633.73	528793.52	4545852.32	633.73
072	40.6	39.7	*60*	*50*	634.03	528785.99	4545830.26	634.03
098	40.5	39.6	*60*	*50*	854.21	529844.52	4541587.76	854.21
099	40.4	39.4	*60*	*50*	857.31	529845.99	4541566.51	857.31
033	40.3	39.3	*60*	*50*	477.32	531497.37	4546575.58	477.32
095	40.1	39.1	*60*	*50*	689.00	529075.71	4544619.69	689.00
035	40.1	39.1	*60*	*50*	474.34	531488.96	4546605.68	474.34
096	40.0	39.0	*60*	*50*	691.12	529048.91	4544611.58	691.12
097	40.0	38.9	*60*	*50*	687.68	529028.45	4544599.96	687.68
100	39.9	38.8	*60*	*50*	864.80	529797.39	4541457.76	864.80
101	39.9	38.8	*60*	*50*	863.56	529773.50	4541451.52	863.56
085	39.8	38.6	*60*	*50*	554.72	528453.62	4545924.20	554.72
084	39.7	38.6	*60*	*50*	553.91	528440.96	4545941.08	553.91
102	39.7	38.5	*60*	*50*	860.90	529753.92	4541437.49	860.90
031	39.7	38.5	*60*	*50*	533.52	529810.90	4546882.25	533.52
036	39.2	37.8	*60*	*50*	518.72	529822.55	4546994.31	518.72
104	39.0	37.7	*60*	*50*	863.79	530033.63	4541280.29	863.79
087	39.0	37.7	*60*	*50*	538.48	528242.29	4546013.74	538.48
103	39.0	37.6	*60*	*50*	849.87	530098.15	4541241.48	849.87
105	38.8	37.4	*60*	*50*	873.64	529892.26	4541212.19	873.64
091	38.8	37.4	*60*	*50*	533.44	528196.16	4545999.68	533.44
090	38.9	37.4	*60*	*50*	531.99	528195.56	4546030.35	531.99
092	38.7	37.3	*60*	*50*	530.18	528170.77	4546027.42	530.18
106	38.6	37.1	*60*	*50*	880.51	529882.59	4541157.54	880.51
093	38.5	36.9	*60*	*50*	533.24	528152.30	4545951.89	533.24

* Condizioni al contorno per calcolo immissione:

1] *Fondo minimo* giorno costante per tutti i recettori: 35 dB (A)

2] *Fondo minimo* notte costante per tutti i recettori: 30 dB (A)

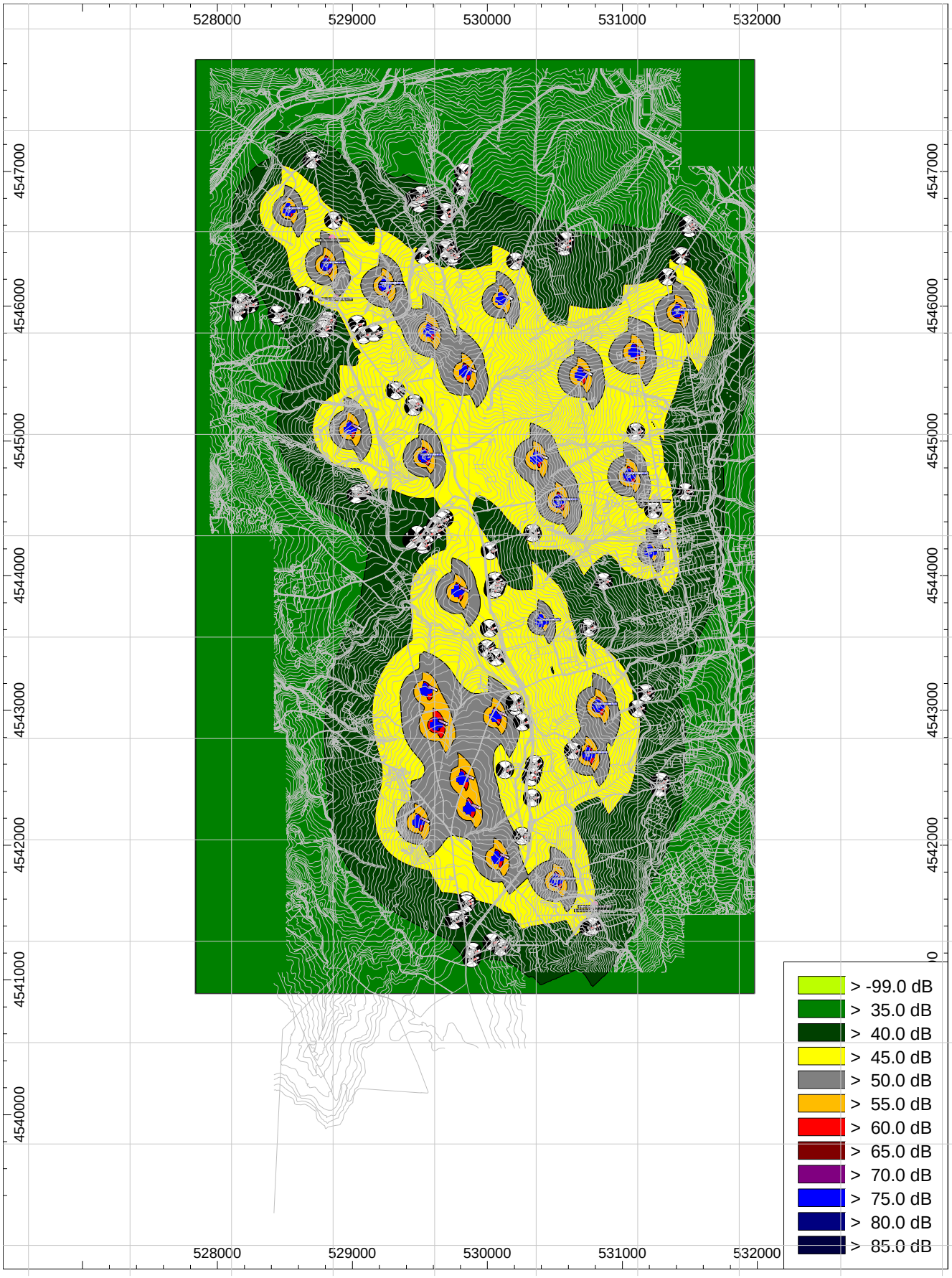

Figura 17: Isofonica Immissione giorno [8 m/s]

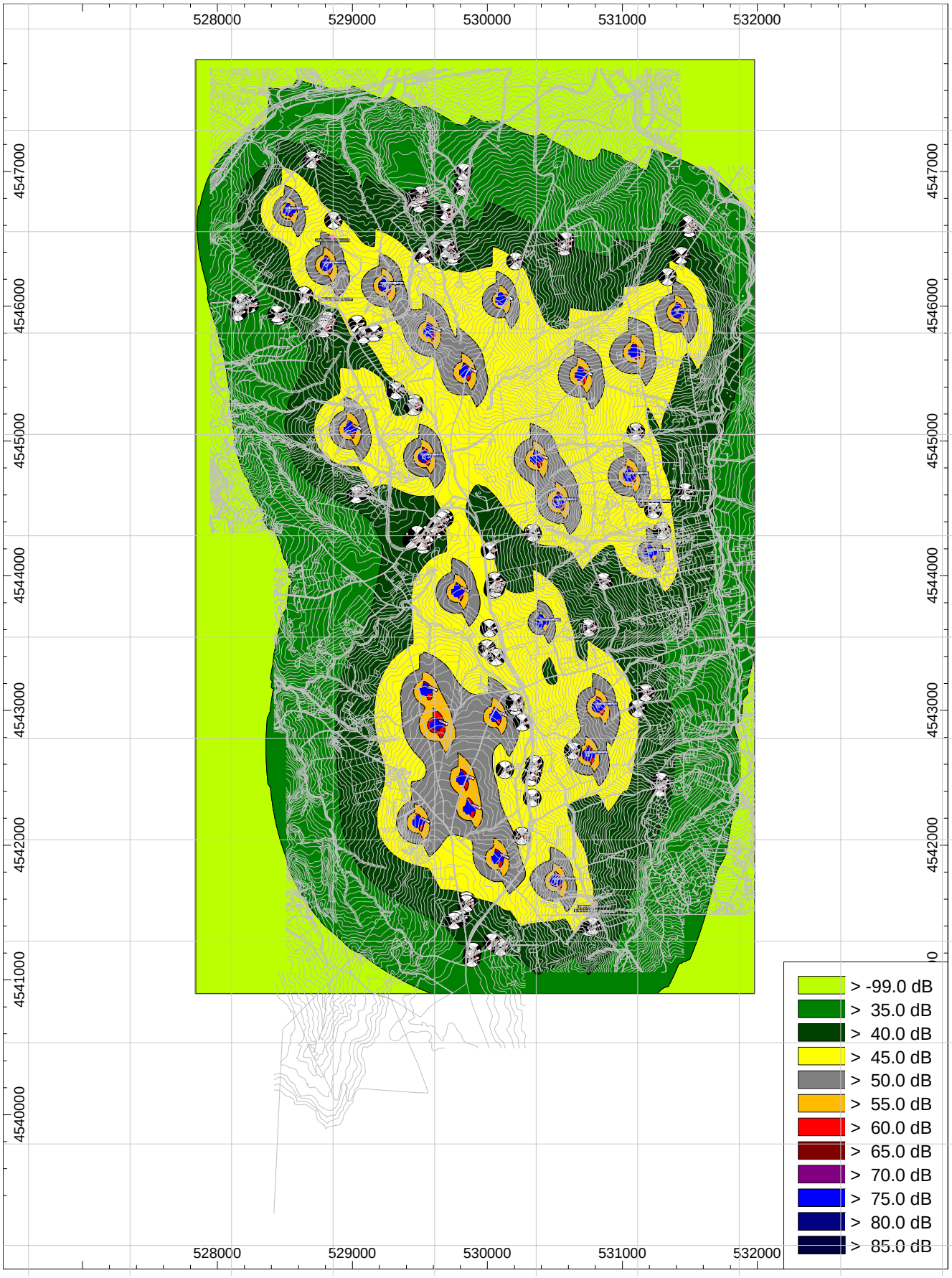

Figura 18: Isofonica Immissione notte [8 m/s]

12) Livelli parziali *massimi* ai recettori [8 m/s] (calcolato)

ID Rec	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
80		23.2	28.6	28	30.2															25.6	32.8	34.3	34.3	32.5	34.9	31.9	36.4	36
66		27.6	30.6	25.3	30.3					23.3		20.4							21.8	33	33.2	33.6	33.6	38.3	30.7	29	33.6	32.5
64		27.4	30.7	25.5	30.4					23.2		20.4							21.7	32.9	33.1	33.6	33.6	38.4	30.8	29.1	33.7	32.6
65		27.6	30.6	25.3	30.2					23.4		20.5							21.9	33.1	33.1	33.6	33.6	38.3	30.6	29	33.5	32.4
59		26.5	30.9	27.1	31.2					22.4		19.9								31.8	32.5	33.3	33.3	38.1	31.6	29.3	33.9	33
4		22.9						23.7	29.3	32.7	39.8	31.3	27.1	24.9	27.6	33.5	37		32.7	23.6								
3		25.4	27.3		24.5			23.3	24.4	33.2	40.1	37.5	23.7		25.4	27.6	32.1		31.7	24.3				23.1				
77		29.2	28.2	21.4	26.8			26.6		25.8	22.4	21.3							24.5	37.1	34.5	33.8	33.8	36.2	28.1	27.9	32	30.4
74		29.3	28.9	22	27.6			27.7		25.6	22.4	21.4							24.2	36.1	34	33.5	33.5	37.2	28.4	27.9	32.1	30.6
55		23.1	29.6	29.4	31.6															28.8	30.9	32.3	32.3	36.2	34.2	30.2	34.5	34.5
50		23.4	29.9	29.9	31.8							17.9								29	30.9	32.3	32.3	36.3	33.8	30	34.4	34.2
73		29.5	27.5		25.9			29.3		26.9	23.3	21.9						25.7	25.6	37.4	33.4	32.5	32.5	35.6	26.9	26.8	30.6	29.1
51		23.9	30.3	30.5	31.9							18.3								29.3	31	32.2	32.2	36.4	33.3	29.7	34.1	33.8
56		21.8	28.6	30.1	30.9															27.8	30.2	31.8	31.8	35.2	35.1	30.5	34.5	34.8
5		25.5	28.1		25.3			22.8	23.3	32.5	38.6	38.6			24.5	26.2	30.7		30.8	24.1				23.5				
83		19.6	26.3	31.6	29																29.4	31.2	31.2	28.6	37.2	31.7	34.6	35.6
75		29.3	26.2		24.2			31		29.1	25	22.9			23.2		22.6	26.8	28	37.5	31.5	30.4	30.4	33		24.9	28.4	26.9
70		29.2	26		24			31.1		29.3	25.2	23			23.5		22.8	26.9	28.3	37.4	31.3	30.1	30.1	32.7		24.6	28.1	26.7
69		29.4	26.3		24.3			30.9		29.3	25.2	23.1			23.3		22.7	26.7	28.1	37.3	31.3	30.2	30.2	32.9		24.7	28.2	26.8
9	27.9					32.5	37.4	28.3					30.9	37.9	29.7	23	25	28.1	22.9									
62		29.3	26.1		24.1			31		29.6	25.4	23.3			23.5		23	26.8	28.5	37.1	31	29.9	29.9	32.5		24.5	27.9	26.5
6	36.7					39.5	32.5	21.3					24.3	28.4	24.9			28.8										
63		29.1	25.9		23.9			31.3		29.6	25.4	23.2			23.7		23.1	27	28.6	37.3	31	29.8	29.8	32.4			27.9	26.4
44	30.7					37.3	34.1	27.3					26.6	33.2	30		23	34.9	23.3									
46		24.8	32.7	31.7	33.9					21.1		20								28.2	28.7	29.6	29.6	34.2	30.8	26.9	31	30.8
45	29.9					36.4	33.7	28.1		21			26.8	33.7	30.7		23.5	35.4	24									
54		27.6	24.3		22.3			32.8		30.7	26.2	23	20	23.8	25.4	21.9	24.5	28.1	30.2	36.6	29.8	28.5	28.5	30.6			26.4	
23	25.8					30	34.8	27.8	22.4				32.6	36.6	34.9	24.5	26.4	26.9	23.7									
20	26					30.2	35	27.7	22.2				32.3	36.6	34.8	24.3	26.1	26.9	23.5									
19	25.9					30.1	34.9	27.7	22.3				32.4	36.6	34.8	24.3	26.2	26.9	23.5									
32		32.6	24.8		22.4			30.8		33.7	29.4	25.9	21	27.2	30.5	24.1	26.6	26	32.5	33.2	27.1	26.1	26.1	28.7				
41	29.4					35.8	34	28.2		21.3			27.6	34.4	31.3		24.1	34.8	24.4									

ID Rec	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
10		33.9	36.3		32.7			25.1		28.3	26.5	27.5					21.6		28.2	30.2	26.7	26.6	26.6	30.8	24.6		26.4	25.6
16		31.8	33		29.6			25.5		35.6	30.1	31			25.6	22.9	24.3		32.7	28.9	24.8	24.5	24.5	28.1			24.1	
22	25.8					30	34.7	27.6	22.4				32.5	36.4	34.7	24.4	26.3	26.8	23.6									
7		28.7	38	27.3	35.6					27.6	22.3	23.7								26.1	24.6	24.9	24.9	29.2	25.8	22.3	25.8	25.6
18	26.1					30.3	34.9	27.3	22				31.8	36.2	34.3	24	25.7	26.7	23.1									
17	26.3					30.4	35.1	27.5	21.9				31.8	36.4	33.7	23.9	25.7	26.8	23.1									
43	25.8					31.6	29.8	31.9		24.1	21.3		26.7	32.9	32.7	22.2	25.3	36.3	27.1	23.9								
42	25.7					31.5	29.7	31.9		24.1	21.3		26.7	32.9	32.7	22.2	25.4	36.2	27.1	23.9								
38	24.4	17.9				29.9	28.8	34.1		25.3	22.4		26.9	32.4	33.2	23	26.3	35	28.5	25.6								
1		22.7	25.2						25.7	30.1	37.4	33.8			24	33.1	31.1		29.2	22.1								
34	21.6					25.4	29.2	25.7	25.9	24.7	21.7		37.6	32.1	32.5	27.8	29	23.9	29.3									
40	24.3	18				29.8	28.4	33.6		25.4	22.4		26.7	32.1	33.1	22.9	26.2	35.2	28.5	25.5								
30									39.5		26.2		24.6	21.2	22.6	34.3	29.6		23.9									
29									39.5		26.2		24.5		22.5	34.3	29.5		23.9									
60		24.2	21.4				21.8	33.6		28.8	24.4	20.2	21.4	25	27.4	21.5	24.5	31.8	29.9	34	29.7	28	28	24.1				
37									36.6	24	27.7		25.8	22.2	23.7	36.6	31.3		25.3									
8		28.4	36.9	26.2	34.1					28	23.1	24.8								25.9	24	24.2	24.2	28.3	24.8		24.9	24.7
89		24.3	21.7					30.5		27.2	22.8	19.2		23.6	25.6		22.6	32.1	27.8	33	31.9	30	30	25.2			26.1	
81		24.3	21.6				21.1	31.3		28.2	23.8	19.9	20.7	24.4	26.7		23.7	31.9	29	32.6	30.6	28.8	28.8	24.6			26.2	
67		24.1	21.4				21.5	32.4		28.7	24.2	20.1	21.3	25	27.3		24.3	31.9	29.7	32.9	29.9	28.2	28.2	24.1				
88		24	21.5					30.7		27.2	22.8	19.1		23.8	25.8		22.7	32.3	27.9	32.8	31.7	29.8	29.8	24.9			25.7	
94		23.5	21.1					30.7		26.6	22.3	18.6		23.8	25.7		22.4	33	27.4	32.3	31.8	29.8	29.8	24.6			23.3	
82		24.1	21.5					31.1		27.7	23.3	19.4	20.4	24.2	26.3		23.3	32.3	28.5	32.6	31	29.2	29.2	24.6			26.4	
86		23.5	21.1				21	31.1		27	22.7	18.8	20.2	24.1	26.1		22.8	32.9	27.9	32.3	31.3	29.4	29.4	24.4			24.4	
79		24.1	21.4				21.3	31.6		28.2	23.8	19.8	20.9	24.7	26.9		23.9	32.1	29.2	32.3	30.3	28.5	28.5	24.3				
26	26					29.7	33.8	25.7	21.5				30.3	34.1	32.2	23.1	24.4	25.4	21.5									
14	28.1					31.7	35.2	25.6					28.4	34.2	26.5	21.5	22.9	25.8										
58	31.7					33.4	32.8	26.2					24.7	31.1	28.1		21.5	32.2	22									
57	32.3					33.6	32.9	26.1					24.7	31.1	28			32.1	21.9									
27	26.1					29.7	33.7	25.5	21.4				30	33.9	32	22.9	24.2	25.2										
13	28.5					32	35.2	25.4					27.9	34	26.1		22.5	25.7										
24		24.7	34.5	29.4	35							19.2									23.4	24.1	24.1	27.8	26.6	22.3	25.5	25.6
11	37					35.8	28.1						21.5	24.6	21.5													
49						22.2	25.6	23.2	28.8	25.2	22.1		33.5	28.2	29.2	29.7	34.1		27.7									
78			22.6	36.7	25.3																			27.1	32.5	26.6	28	29.3

ID Rec	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
61	30.8					33.3	32.7	26.2					24.7	31.1	28.1			31.8	21.9									
15	28.1					31.6	34.9	25.2					28	33.7	26.1		22.6	25.5										
28		24.4	34.2	29.4	34.8							18.9									23.2	24	24	27.7	26.6	22.2	25.4	25.5
25		24.6	34.4	29.1	34.7							19.3									23.2	23.9	23.9	27.7	26.3	22.1	25.3	25.4
71			22.7	36.6	25.5																			27	32.3	26.4	27.9	29.2
52						22.2	25.5	23.1	28.5		21.8		33.3	28.1	29	29.4	33.8		27.4									
53						22	25.3	22.9	28.7		21.8		33.1	27.9	28.8	29.4	33.6		27.3									
21	27.9					31.3	34.6						28	33.6	26.2		22.6	25.3										
76	30.3					35.3	32.4	24.2					23.5	29.4	26.2			28.6										
68	29.5					33.1	32.4	26.2					24.5	30.9	27.9			31	21.9									
72	28.7					32.9	32.2	26.3					24.4	30.8	27.9			30.9	21.9									
98			21.5	29.2	23.8																23.1	25	25	24.6	31.8	34.1	28.2	29.8
99			21.4	29.1	23.7																23	24.8	24.8	24.4	31.6	34	28	29.7
33									36.8		24.6		23.5			32.1	27.9											
95		19.6				22.2	23.5	31.9		24.1			20.9	26	27		21.9	33	25.9	28.3	24	22	22					
35									36.5		24.4		23.5			32	27.8											
96		19.5				22.2	23.4	31.7		23.9			20.8	25.9	26.8		21.7	33	25.6	28.2	24	22	22					
97		19.4				22.1	23.3	31.5		23.8			20.6	25.7	26.6		21.5	33	25.5	28.1	24	22.1	22.1					
100				28.5	22.8																22.2	24.1	24.1	23.6	30.9	33.7	27.2	28.8
101				28.3	22.7																22.2	24.1	24.1	23.5	30.8	33.8	27.1	28.7
85	29					33.4	30.4	24.2					22.1	28.1	25.2			29.2										
84	29.2					33.5	30.3	24					22	27.9	25.1			29.1										
102				28.2	22.6																22.2	24	24	23.4	30.6	33	27	28.6
31	24.6					27.9	31.4		21.6				28.9	31.7	30.1	22.7	23.6											
36	24.2					27.4	30.6		21.2				28	30.7	29.2	22.2	23											
104				29.3	22.7																	22.8	22.8	22.5	30.2	31.2	25.7	27.4
87	29.5					32.4	28.6	22.5					20.5	26.1	23.5			27.5										
103				29.5	22.7																	23.6	23.6	22.2	30	30.6	25.4	27.1
105				28.1	21.8																	22.2	22.2	21.9	29.5	31.6	25.3	26.9
91	29.2					31.9	28.2	22.4					20.2	25.8	23.2			27.3										
90	29.5					32	28.2	22.2					20.2	25.8	23.1			27.1										
92	29.4					31.8	28	22.1					20	25.6	22.9			27										
106				27.8	21.4																	21.9	21.9	21.5	29	31.3	24.8	26.5
93	28.6					31.3	27.7	22.3						25.5	23			27.4										

VALUTAZIONE CLIMA ACUSTICO CON VENTO A 4 M/SEC

13) Potenza sonora aereogeneratori con vento [4 m/s] (dati costruttore)

Attiv.	Nome	*Potenza sonora PWL*		Freq	Attrib Dir	Coordinate UTM WGS 84 Fuse 33		
		Giorno	Notte			X	Y	H
		(dBA)	(dBA)	(Hz)		(m)	(m)	(m)
Ecopower (di progetto)	BS1 (V 150 - 6 MW)	92.2	92.2	500	Elemento (ÖAL28)	528524	4546708	30
	BS10 (V 126 - 3,3 MW)	89.5	89.5	500	Elemento (ÖAL28)	530397	4543655	54
	BS11 (V 105 - 3,45 MW)	94.7	94.7	500	Elemento (ÖAL28)	530818	4543029	20
	BS14 (V 105 - 3,45 MW)	94.7	94.7	500	Elemento (ÖAL28)	530506	4541734	20
	BS15 (V 105 - 3,45 MW)	94.7	94.7	500	Elemento (ÖAL28)	530745	4542669	20
	BS2 (V 105 - 3,45 MW)	94.7	94.7	500	Elemento (ÖAL28)	528804	4546304	20
	BS3 (V 105 - 3,45 MW)	94.7	94.7	500	Elemento (ÖAL28)	529235	4546152	20
	BS5 (V 105 - 3,45 MW)	94.7	94.7	500	Elemento (ÖAL28)	529530	4544880	20
	BS6 (V 105 - 3,45 MW)	94.7	94.7	500	Elemento (ÖAL28)	531408	4545955	20
	BS7 (V 105 - 3,45 MW)	94.7	94.7	500	Elemento (ÖAL28)	530525	4544547	20
	BS8 (V 105 - 3,45 MW)	94.7	94.7	500	Elemento (ÖAL28)	531048	4544740	20
	BS9 (V 126 - 3,3 MW)	89.5	89.5	500	Elemento (ÖAL28)	531205	4544172	54
Altro Gestore (attive)	BS3-1	91.9	91.9	500	Elemento (ÖAL28)	530098	4546047	40
	BS3-2	91.9	91.9	500	Elemento (ÖAL28)	529564	4545810	40
	BS3-3	91.9	91.9	500	Elemento (ÖAL28)	529830	4545508	40
	BS6-1	91.9	91.9	500	Elemento (ÖAL28)	531084	4545658	40
	BS6-2	91.9	91.9	500	Elemento (ÖAL28)	530686	4545486	40
	BS5-1	91.9	91.9	500	Elemento (ÖAL28)	528976	4545084	40
	BS7-1	91.9	91.9	500	Elemento (ÖAL28)	530358	4544864	40
	BS10-1	91.9	91.9	500	Elemento (ÖAL28)	529774	4543879	40
	BS11-1	91.9	91.9	500	Elemento (ÖAL28)	529538	4543144	40
	BS11-2	91.9	91.9	500	Elemento (ÖAL28)	529615	4542892	40
	BS11-3	91.9	91.9	500	Elemento (ÖAL28)	529615	4542892	40
	BS11-4	91.9	91.9	500	Elemento (ÖAL28)	530054	4542955	40
	BS14-1	91.9	91.9	500	Elemento (ÖAL28)	530069	4541899	40
	BS15-1	91.9	91.9	500	Elemento (ÖAL28)	529480	4542167	40
	BS15-2	91.9	91.9	500	Elemento (ÖAL28)	529810	4542488	40
	BS15-3	91.9	91.9	500	Elemento (ÖAL28)	529860	4542268	40

14) Valore teorico emissione (immissione specifica) ai recettori [4 m/s] (calcolato)

Nome Ricettore	Livello		Limite Emissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	Notte	Giorno	Notte	H	X	Y	Z
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
003	32.7	32.7	60	50	526.07	531231.26	4544486.19	526.07
005	32.1	32.1	60	50	517.09	531293.26	4544331.17	517.09
006	32.0	32.0	60	50	546.21	528859.35	4546635.76	546.21
004	31.6	31.6	60	50	533.07	531101.54	4545068.12	533.07
007	31.0	31.0	60	50	616.01	531112.37	4543013.73	616.01
044	30.1	30.1	60	50	626.74	529035.94	4545866.29	626.74
016	30.1	30.1	60	50	611.71	530861.39	4543957.17	611.71
010	30.1	30.1	60	50	666.69	530749.82	4543613.27	666.69
030	30.0	30.0	60	50	491.88	531428.33	4546375.56	491.88
029	30.0	30.0	60	50	491.88	531437.88	4546374.38	491.88
008	30.0	30.0	60	50	620.62	531174.29	4543131.20	620.62
001	29.8	29.8	60	50	513.16	531467.10	4544623.33	513.16
011	29.7	29.7	60	50	492.43	528699.51	4547083.84	492.43
009	29.6	29.6	60	50	585.91	529528.34	4546377.28	585.91
045	29.5	29.5	60	50	624.41	529082.61	4545785.99	624.41
041	29.2	29.2	60	50	628.05	529161.12	4545801.85	628.05
024	28.8	28.8	60	50	635.57	531265.00	4542459.89	635.57
028	28.6	28.6	60	50	634.21	531278.19	4542422.51	634.21
025	28.6	28.6	60	50	630.67	531288.59	4542474.21	630.67
076	28.3	28.3	60	50	578.80	528643.78	4546079.34	578.80
032	28.3	28.3	60	50	681.28	530336.11	4544315.73	681.28
046	28.2	28.2	60	50	720.61	530635.41	4542699.51	720.61
057	28.1	28.1	60	50	628.77	528818.81	4545894.81	628.77
013	28.0	28.0	60	50	524.89	529458.17	4546798.15	524.89
058	27.9	27.9	60	50	626.44	528819.27	4545877.00	626.44
014	27.9	27.9	60	50	535.49	529494.58	4546759.01	535.49
061	27.6	27.6	60	50	628.57	528811.84	4545865.45	628.57
037	27.6	27.6	60	50	502.03	531335.28	4546217.14	502.03
017	27.6	27.6	60	50	595.67	529689.49	4546425.10	595.67
015	27.6	27.6	60	50	520.56	529486.08	4546814.64	520.56
020	27.5	27.5	60	50	592.22	529716.55	4546384.46	592.22
019	27.5	27.5	60	50	591.34	529726.93	4546382.78	591.34
078	27.4	27.4	60	50	724.63	530752.32	4541388.51	724.63
071	27.4	27.4	60	50	712.20	530780.51	4541398.57	712.20
038	27.4	27.4	60	50	701.58	529460.14	4545278.46	701.58
033	27.4	27.4	60	50	477.32	531497.37	4546575.58	477.32
023	27.4	27.4	60	50	590.63	529741.59	4546363.11	590.63
018	27.4	27.4	60	50	594.56	529705.08	4546436.29	594.56
068	27.3	27.3	60	50	633.73	528793.52	4545852.32	633.73
022	27.3	27.3	60	50	592.31	529742.13	4546382.32	592.31
040	27.1	27.1	60	50	698.94	529452.55	4545250.88	698.94
035	27.1	27.1	60	50	474.34	531488.96	4546605.68	474.34
072	27.0	27.0	60	50	634.03	528785.99	4545830.26	634.03
043	27.0	27.0	60	50	680.98	529316.07	4545375.47	680.98
021	27.0	27.0	60	50	522.23	529506.75	4546826.46	522.23
042	26.9	26.9	60	50	687.03	529323.98	4545372.05	687.03
054	26.8	26.8	60	50	733.68	530020.08	4544185.06	733.68
084	26.6	26.6	60	50	553.91	528440.96	4545941.08	553.91
085	26.5	26.5	60	50	554.72	528453.62	4545924.20	554.72
026	26.5	26.5	60	50	549.08	529700.72	4546673.46	549.08

Nome Ricettore	Livello		Limite Emissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	Notte	Giorno	Notte	H	X	Y	Z
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
027	26.4	26.4	60	50	547.86	529691.68	4546701.13	547.86
051	26.3	26.3	60	50	768.25	530350.13	4542600.37	768.25
063	26.2	26.2	60	50	733.17	530055.27	4543962.04	733.17
062	26.2	26.2	60	50	733.88	530073.43	4543940.40	733.88
070	26.1	26.1	60	50	740.00	530047.12	4543929.09	740.00
069	26.1	26.1	60	50	733.48	530061.64	4543905.17	733.48
060	26.1	26.1	60	50	729.76	529682.09	4544424.89	729.76
075	26.0	26.0	60	50	738.31	530041.63	4543895.21	738.31
050	25.9	25.9	60	50	768.25	530338.51	4542545.93	768.25
059	25.8	25.8	60	50	748.53	530258.56	4542910.91	748.53
087	25.6	25.6	60	50	538.48	528242.29	4546013.74	538.48
055	25.5	25.5	60	50	773.47	530325.30	4542503.45	773.47
074	25.4	25.4	60	50	744.09	530067.19	4543394.96	744.09
067	25.4	25.4	60	50	726.45	529661.97	4544412.49	726.45
065	25.4	25.4	60	50	747.03	530204.64	4543058.17	747.03
064	25.4	25.4	60	50	745.44	530209.18	4543027.92	745.44
090	25.3	25.3	60	50	531.99	528195.56	4546030.35	531.99
073	25.3	25.3	60	50	749.14	530014.63	4543607.96	749.14
066	25.3	25.3	60	50	747.11	530203.37	4543048.03	747.11
091	25.2	25.2	60	50	533.44	528196.16	4545999.68	533.44
056	25.2	25.2	60	50	785.43	530332.71	4542350.56	785.43
092	25.1	25.1	60	50	530.18	528170.77	4546027.42	530.18
079	24.9	24.9	60	50	727.45	529616.50	4544376.25	727.45
077	24.9	24.9	60	50	735.03	529997.13	4543458.20	735.03
081	24.7	24.7	60	50	726.24	529622.72	4544338.37	726.24
093	24.6	24.6	60	50	533.24	528152.30	4545951.89	533.24
083	24.6	24.6	60	50	791.69	530256.40	4542067.17	791.69
080	24.4	24.4	60	50	779.44	530130.09	4542558.70	779.44
034	24.3	24.3	60	50	630.30	530208.99	4546334.09	630.30
082	24.2	24.2	60	50	728.58	529562.88	4544309.66	728.58
086	24.1	24.1	60	50	727.45	529479.82	4544305.51	727.45
031	24.1	24.1	60	50	533.52	529810.90	4546882.25	533.52
095	23.9	23.9	60	50	689.00	529075.71	4544619.69	689.00
089	23.8	23.8	60	50	723.68	529524.61	4544226.21	723.68
088	23.8	23.8	60	50	725.80	529515.19	4544253.27	725.80
096	23.6	23.6	60	50	691.12	529048.91	4544611.58	691.12
094	23.6	23.6	60	50	727.15	529438.32	4544263.15	727.15
097	23.5	23.5	60	50	687.68	529028.45	4544599.96	687.68
036	23.4	23.4	60	50	518.72	529822.55	4546994.31	518.72
049	23.3	23.3	60	50	572.33	530569.66	4546439.13	572.33
053	22.3	22.3	60	50	569.34	530584.17	4546485.84	569.34
052	22.3	22.3	60	50	573.56	530565.82	4546475.30	573.56
099	21.1	21.1	60	50	857.31	529845.99	4541566.51	857.31
098	21.1	21.1	60	50	854.21	529844.52	4541587.76	854.21
103	20.6	20.6	60	50	849.87	530098.15	4541241.48	849.87
104	20.4	20.4	60	50	863.79	530033.63	4541280.29	863.79
100	19.9	19.9	60	50	864.80	529797.39	4541457.76	864.80
101	19.7	19.7	60	50	863.56	529773.50	4541451.52	863.56
102	19.5	19.5	60	50	860.90	529753.92	4541437.49	860.90
105	19.3	19.3	60	50	873.64	529892.26	4541212.19	873.64
106	19.0	19.0	60	50	880.51	529882.59	4541157.54	880.51

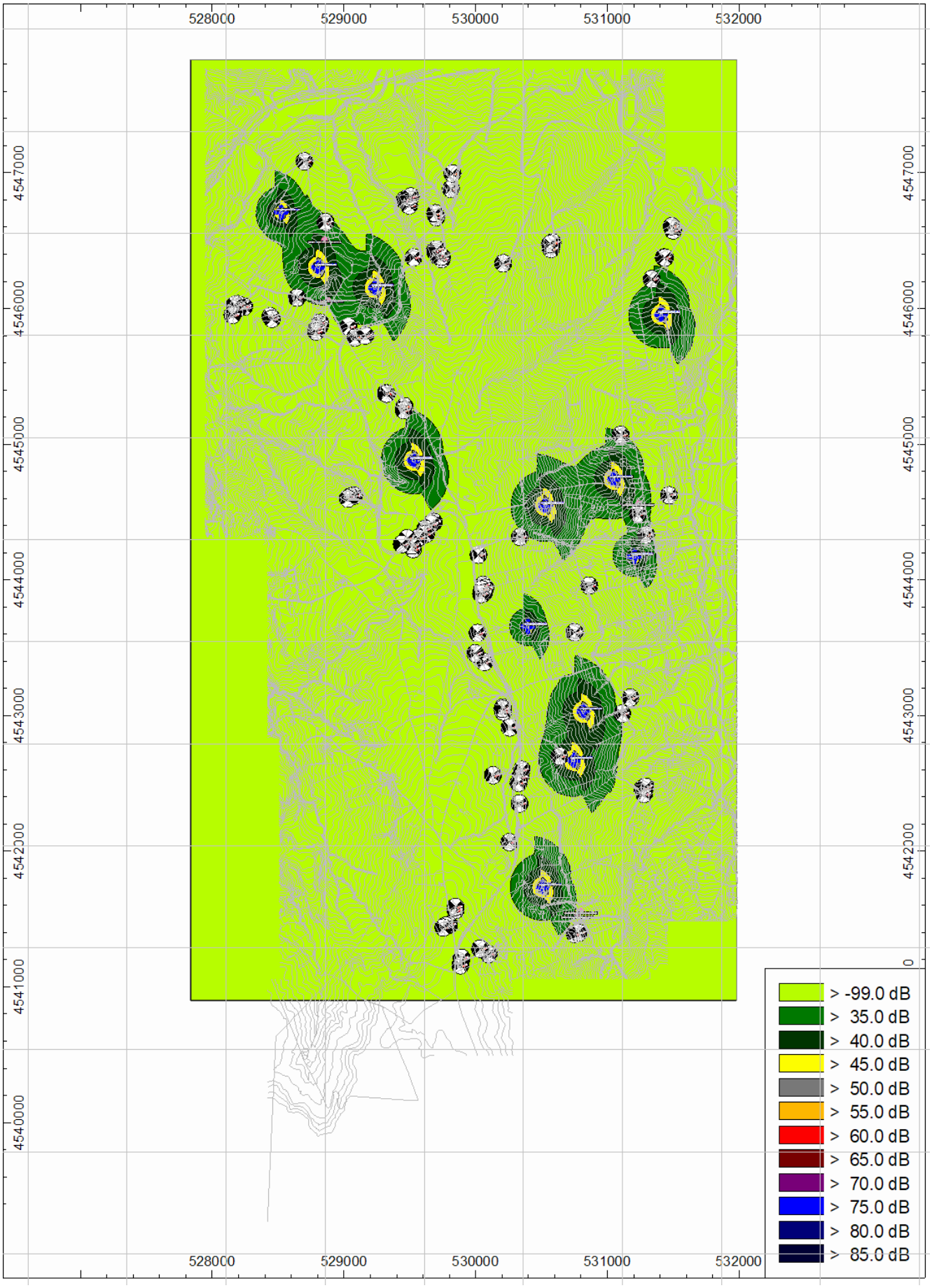

Figura 19: Isofonica Emissione (immissione specifica) [4 m/s]

15) Valore teorico residuo (*livello attuale sorgenti attive*) ai recettori [4 m/s] (calcolato)

Nome Ricettore	*Livello Lr*		Limite Immissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
080	36.8	34.1	*60*	*50*	779.44	530130.09	4542558.70	779.44
065	36.7	34.0	*60*	*50*	747.03	530204.64	4543058.17	747.03
064	36.7	34.0	*60*	*50*	745.44	530209.18	4543027.92	745.44
066	36.7	34.0	*60*	*50*	747.11	530203.37	4543048.03	747.11
077	36.7	34.0	*60*	*50*	735.03	529997.13	4543458.20	735.03
059	36.7	33.9	*60*	*50*	748.53	530258.56	4542910.91	748.53
074	36.6	33.9	*60*	*50*	744.09	530067.19	4543394.96	744.09
055	36.5	33.7	*60*	*50*	773.47	530325.30	4542503.45	773.47
051	36.5	33.6	*60*	*50*	768.25	530350.13	4542600.37	768.25
050	36.5	33.6	*60*	*50*	768.25	530338.51	4542545.93	768.25
073	36.5	33.6	*60*	*50*	749.14	530014.63	4543607.96	749.14
056	36.5	33.6	*60*	*50*	785.43	530332.71	4542350.56	785.43
083	36.4	33.5	*60*	*50*	791.69	530256.40	4542067.17	791.69
069	36.2	33.0	*60*	*50*	733.48	530061.64	4543905.17	733.48
075	36.2	33.0	*60*	*50*	738.31	530041.63	4543895.21	738.31
062	36.1	32.9	*60*	*50*	733.88	530073.43	4543940.40	733.88
070	36.2	32.9	*60*	*50*	740.00	530047.12	4543929.09	740.00
063	36.1	32.8	*60*	*50*	733.17	530055.27	4543962.04	733.17
054	36.0	32.6	*60*	*50*	733.68	530020.08	4544185.06	733.68
034	36.0	32.6	*60*	*50*	630.30	530208.99	4546334.09	630.30
004	35.9	32.5	*60*	*50*	533.07	531101.54	4545068.12	533.07
023	36.0	32.5	*60*	*50*	590.63	529741.59	4546363.11	590.63
020	35.9	32.4	*60*	*50*	592.22	529716.55	4546384.46	592.22
019	35.9	32.4	*60*	*50*	591.34	529726.93	4546382.78	591.34
022	35.9	32.4	*60*	*50*	592.31	529742.13	4546382.32	592.31
009	35.8	32.3	*60*	*50*	585.91	529528.34	4546377.28	585.91
046	35.9	32.3	*60*	*50*	720.61	530635.41	4542699.51	720.61
018	35.8	32.3	*60*	*50*	594.56	529705.08	4546436.29	594.56
043	35.9	32.3	*60*	*50*	680.98	529316.07	4545375.47	680.98
042	35.9	32.3	*60*	*50*	687.03	529323.98	4545372.05	687.03
017	35.8	32.2	*60*	*50*	595.67	529689.49	4546425.10	595.67
038	35.8	32.2	*60*	*50*	701.58	529460.14	4545278.46	701.58
040	35.8	32.2	*60*	*50*	698.94	529452.55	4545250.88	698.94
089	35.8	32.2	*60*	*50*	723.68	529524.61	4544226.21	723.68
088	35.8	32.2	*60*	*50*	725.80	529515.19	4544253.27	725.80
032	35.8	32.1	*60*	*50*	681.28	530336.11	4544315.73	681.28
060	35.8	32.1	*60*	*50*	729.76	529682.09	4544424.89	729.76
081	35.8	32.1	*60*	*50*	726.24	529622.72	4544338.37	726.24
082	35.8	32.1	*60*	*50*	728.58	529562.88	4544309.66	728.58
086	35.8	32.1	*60*	*50*	727.45	529479.82	4544305.51	727.45
094	35.8	32.1	*60*	*50*	727.15	529438.32	4544263.15	727.15
041	35.7	32.0	*60*	*50*	628.05	529161.12	4545801.85	628.05
067	35.7	32.0	*60*	*50*	726.45	529661.97	4544412.49	726.45
079	35.7	32.0	*60*	*50*	727.45	529616.50	4544376.25	727.45
045	35.7	31.9	*60*	*50*	624.41	529082.61	4545785.99	624.41
049	35.7	31.9	*60*	*50*	572.33	530569.66	4546439.13	572.33
044	35.6	31.8	*60*	*50*	626.74	529035.94	4545866.29	626.74
037	35.6	31.8	*60*	*50*	502.03	531335.28	4546217.14	502.03
053	35.6	31.8	*60*	*50*	569.34	530584.17	4546485.84	569.34
052	35.7	31.8	*60*	*50*	573.56	530565.82	4546475.30	573.56

Nome Ricettore	*Livello Lr*		Limite Immissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
099	35.6	31.7	*60*	*50*	857.31	529845.99	4541566.51	857.31
098	35.6	31.7	*60*	*50*	854.21	529844.52	4541587.76	854.21
026	35.6	31.6	*60*	*50*	549.08	529700.72	4546673.46	549.08
027	35.5	31.5	*60*	*50*	547.86	529691.68	4546701.13	547.86
100	35.5	31.5	*60*	*50*	864.80	529797.39	4541457.76	864.80
101	35.5	31.5	*60*	*50*	863.56	529773.50	4541451.52	863.56
016	35.5	31.4	*60*	*50*	611.71	530861.39	4543957.17	611.71
010	35.5	31.4	*60*	*50*	666.69	530749.82	4543613.27	666.69
102	35.5	31.4	*60*	*50*	860.90	529753.92	4541437.49	860.90
003	35.4	31.3	*60*	*50*	526.07	531231.26	4544486.19	526.07
095	35.4	31.3	*60*	*50*	689.00	529075.71	4544619.69	689.00
096	35.4	31.3	*60*	*50*	691.12	529048.91	4544611.58	691.12
030	35.4	31.2	*60*	*50*	491.88	531428.33	4546375.56	491.88
001	35.4	31.2	*60*	*50*	513.16	531467.10	4544623.33	513.16
014	35.4	31.2	*60*	*50*	535.49	529494.58	4546759.01	535.49
097	35.4	31.2	*60*	*50*	687.68	529028.45	4544599.96	687.68
029	35.4	31.1	*60*	*50*	491.88	531437.88	4546374.38	491.88
057	35.4	31.1	*60*	*50*	628.77	528818.81	4545894.81	628.77
013	35.4	31.1	*60*	*50*	524.89	529458.17	4546798.15	524.89
058	35.4	31.1	*60*	*50*	626.44	528819.27	4545877.00	626.44
061	35.4	31.1	*60*	*50*	628.57	528811.84	4545865.45	628.57
015	35.4	31.1	*60*	*50*	520.56	529486.08	4546814.64	520.56
078	35.4	31.1	*60*	*50*	724.63	530752.32	4541388.51	724.63
071	35.4	31.1	*60*	*50*	712.20	530780.51	4541398.57	712.20
005	35.3	31.0	*60*	*50*	517.09	531293.26	4544331.17	517.09
068	35.3	31.0	*60*	*50*	633.73	528793.52	4545852.32	633.73
072	35.3	31.0	*60*	*50*	634.03	528785.99	4545830.26	634.03
021	35.4	31.0	*60*	*50*	522.23	529506.75	4546826.46	522.23
031	35.3	31.0	*60*	*50*	533.52	529810.90	4546882.25	533.52
103	35.3	31.0	*60*	*50*	849.87	530098.15	4541241.48	849.87
104	35.4	31.0	*60*	*50*	863.79	530033.63	4541280.29	863.79
105	35.3	31.0	*60*	*50*	873.64	529892.26	4541212.19	873.64
007	35.3	30.9	*60*	*50*	616.01	531112.37	4543013.73	616.01
106	35.3	30.9	*60*	*50*	880.51	529882.59	4541157.54	880.51
008	35.3	30.8	*60*	*50*	620.62	531174.29	4543131.20	620.62
024	35.3	30.8	*60*	*50*	635.57	531265.00	4542459.89	635.57
036	35.3	30.8	*60*	*50*	518.72	529822.55	4546994.31	518.72
028	35.2	30.7	*60*	*50*	634.21	531278.19	4542422.51	634.21
025	35.2	30.7	*60*	*50*	630.67	531288.59	4542474.21	630.67
033	35.2	30.7	*60*	*50*	477.32	531497.37	4546575.58	477.32
035	35.2	30.7	*60*	*50*	474.34	531488.96	4546605.68	474.34
006	35.2	30.6	*60*	*50*	546.21	528859.35	4546635.76	546.21
076	35.2	30.6	*60*	*50*	578.80	528643.78	4546079.34	578.80
085	35.2	30.6	*60*	*50*	554.72	528453.62	4545924.20	554.72
084	35.2	30.5	*60*	*50*	553.91	528440.96	4545941.08	553.91
087	35.1	30.4	*60*	*50*	538.48	528242.29	4546013.74	538.48
090	35.1	30.4	*60*	*50*	531.99	528195.56	4546030.35	531.99
091	35.1	30.4	*60*	*50*	533.44	528196.16	4545999.68	533.44
092	35.1	30.3	*60*	*50*	530.18	528170.77	4546027.42	530.18
093	35.1	30.3	*60*	*50*	533.24	528152.30	4545951.89	533.24
011	35.1	30.2	*60*	*50*	492.43	528699.51	4547083.84	492.43

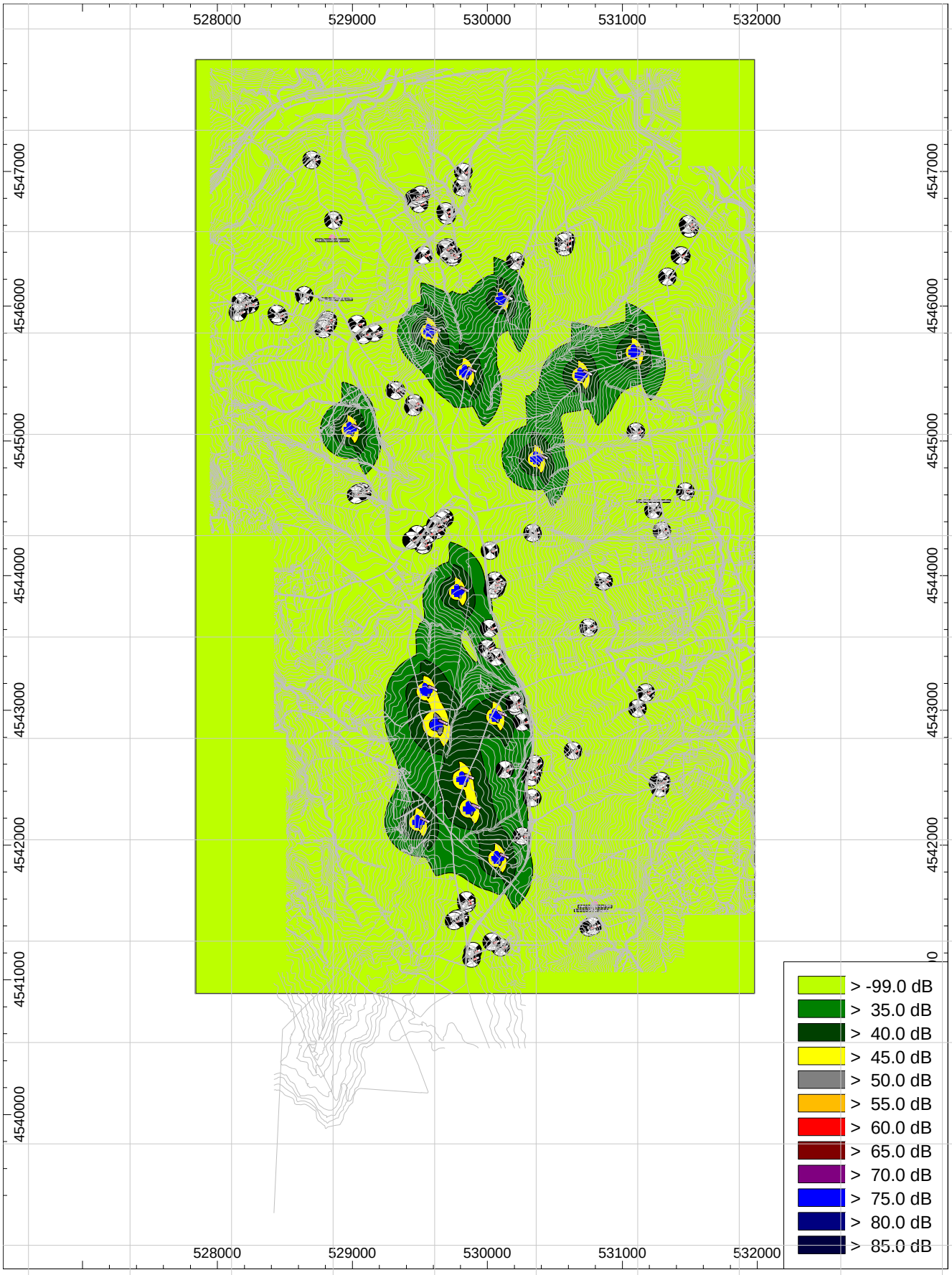

Figura 20: Isofonica Residuo Giorno (solo turbine esistenti altri gestori) [4 m/s]

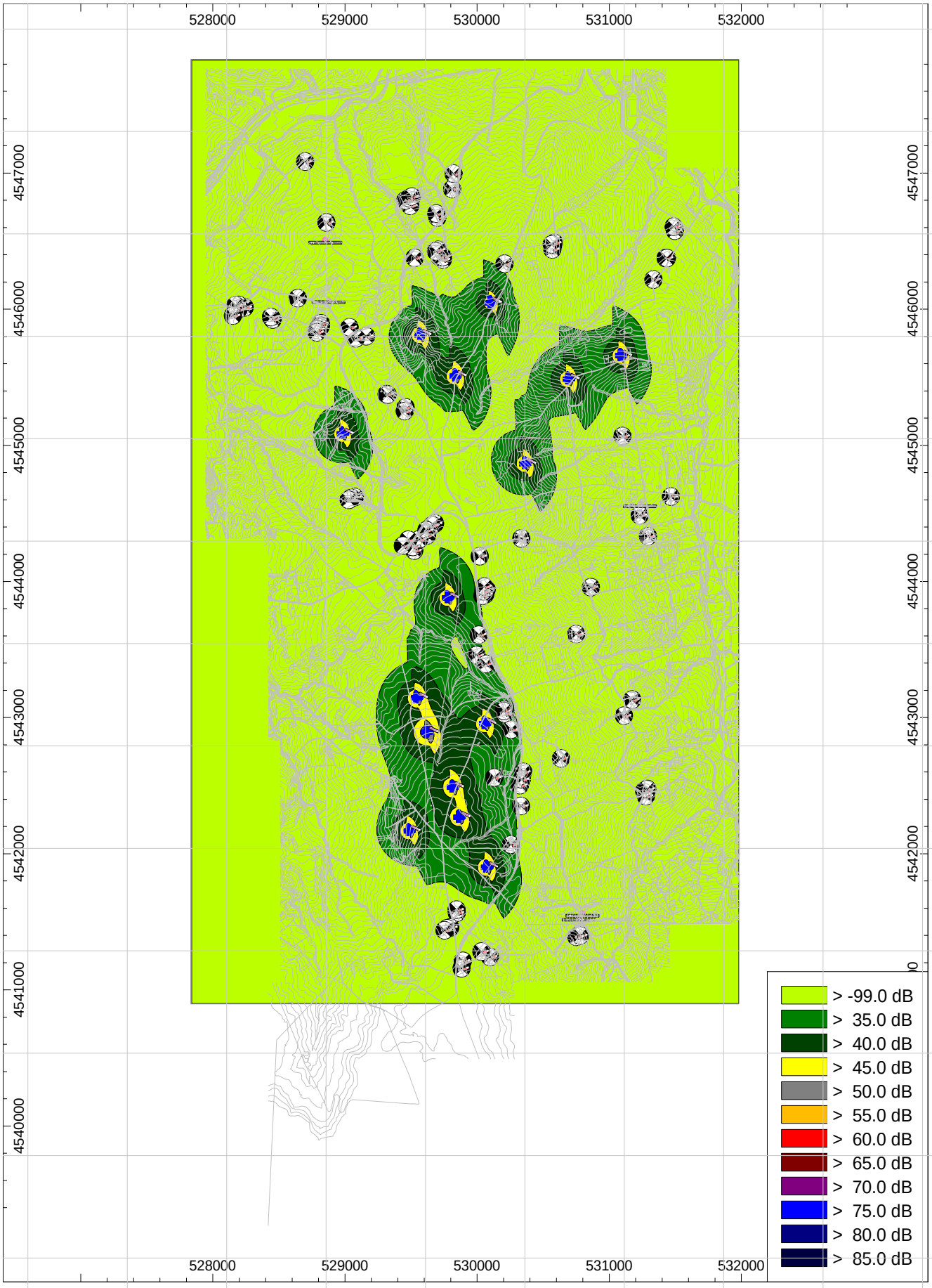

Figura 21: Isofonica Residuo Notte (solo turbine esistenti altri gestori) [4 m/s]

16) Valore teorico immissione (*tutte accese*) ai recettori [4 m/s] (calcolato)

Nome Ricettore	*Livello Lr*		Limite Immissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
003	37.3	35.1	*60*	*50*	526.07	531231.26	4544486.19	526.07
004	37.3	35.0	*60*	*50*	533.07	531101.54	4545068.12	533.07
080	37.0	34.6	*60*	*50*	779.44	530130.09	4542558.70	779.44
065	37.0	34.6	*60*	*50*	747.03	530204.64	4543058.17	747.03
064	37.0	34.6	*60*	*50*	745.44	530209.18	4543027.92	745.44
066	37.0	34.6	*60*	*50*	747.11	530203.37	4543048.03	747.11
059	37.0	34.6	*60*	*50*	748.53	530258.56	4542910.91	748.53
005	37.0	34.6	*60*	*50*	517.09	531293.26	4544331.17	517.09
077	37.0	34.5	*60*	*50*	735.03	529997.13	4543458.20	735.03
074	37.0	34.5	*60*	*50*	744.09	530067.19	4543394.96	744.09
006	36.9	34.4	*60*	*50*	546.21	528859.35	4546635.76	546.21
055	36.9	34.3	*60*	*50*	773.47	530325.30	4542503.45	773.47
051	36.9	34.3	*60*	*50*	768.25	530350.13	4542600.37	768.25
050	36.9	34.3	*60*	*50*	768.25	530338.51	4542545.93	768.25
073	36.8	34.2	*60*	*50*	749.14	530014.63	4543607.96	749.14
056	36.8	34.2	*60*	*50*	785.43	530332.71	4542350.56	785.43
009	36.8	34.1	*60*	*50*	585.91	529528.34	4546377.28	585.91
083	36.7	34.0	*60*	*50*	791.69	530256.40	4542067.17	791.69
044	36.7	34.0	*60*	*50*	626.74	529035.94	4545866.29	626.74
007	36.7	34.0	*60*	*50*	616.01	531112.37	4543013.73	616.01
045	36.6	33.9	*60*	*50*	624.41	529082.61	4545785.99	624.41
069	36.6	33.8	*60*	*50*	733.48	530061.64	4543905.17	733.48
075	36.6	33.8	*60*	*50*	738.31	530041.63	4543895.21	738.31
070	36.6	33.8	*60*	*50*	740.00	530047.12	4543929.09	740.00
046	36.6	33.8	*60*	*50*	720.61	530635.41	4542699.51	720.61
041	36.6	33.8	*60*	*50*	628.05	529161.12	4545801.85	628.05
016	36.6	33.8	*60*	*50*	611.71	530861.39	4543957.17	611.71
010	36.6	33.8	*60*	*50*	666.69	530749.82	4543613.27	666.69
062	36.5	33.7	*60*	*50*	733.88	530073.43	4543940.40	733.88
063	36.5	33.7	*60*	*50*	733.17	530055.27	4543962.04	733.17
023	36.5	33.7	*60*	*50*	590.63	529741.59	4546363.11	590.63
020	36.5	33.7	*60*	*50*	592.22	529716.55	4546384.46	592.22
054	36.5	33.6	*60*	*50*	733.68	530020.08	4544185.06	733.68
019	36.5	33.6	*60*	*50*	591.34	529726.93	4546382.78	591.34
022	36.5	33.6	*60*	*50*	592.31	529742.13	4546382.32	592.31
032	36.5	33.6	*60*	*50*	681.28	530336.11	4544315.73	681.28
030	36.5	33.6	*60*	*50*	491.88	531428.33	4546375.56	491.88
001	36.5	33.6	*60*	*50*	513.16	531467.10	4544623.33	513.16
029	36.5	33.6	*60*	*50*	491.88	531437.88	4546374.38	491.88
018	36.4	33.5	*60*	*50*	594.56	529705.08	4546436.29	594.56
017	36.5	33.5	*60*	*50*	595.67	529689.49	4546425.10	595.67
043	36.4	33.4	*60*	*50*	680.98	529316.07	4545375.47	680.98
042	36.4	33.4	*60*	*50*	687.03	529323.98	4545372.05	687.03
038	36.4	33.4	*60*	*50*	701.58	529460.14	4545278.46	701.58
008	36.4	33.4	*60*	*50*	620.62	531174.29	4543131.20	620.62
040	36.3	33.3	*60*	*50*	698.94	529452.55	4545250.88	698.94
034	36.3	33.2	*60*	*50*	630.30	530208.99	4546334.09	630.30
037	36.3	33.2	*60*	*50*	502.03	531335.28	4546217.14	502.03
060	36.2	33.1	*60*	*50*	729.76	529682.09	4544424.89	729.76
067	36.1	32.9	*60*	*50*	726.45	529661.97	4544412.49	726.45
014	36.1	32.9	*60*	*50*	535.49	529494.58	4546759.01	535.49
057	36.1	32.9	*60*	*50*	628.77	528818.81	4545894.81	628.77
024	36.1	32.9	*60*	*50*	635.57	531265.00	4542459.89	635.57
011	36.2	32.9	*60*	*50*	492.43	528699.51	4547083.84	492.43
089	36.1	32.8	*60*	*50*	723.68	529524.61	4544226.21	723.68

Nome Ricettore	***Livello Lr***		Limite Immissione		Altezza	Coordinate UTM WGS 84 Fuse 33		
	Giorno	*Notte*	*Giorno*	*Notte*	*H*	*X*	*Y*	*Z*
	(dB(A))	(dB(A))	(dB(A))	(dB(A))	(m)	(m)	(m)	(m)
081	36.1	32.8	*60*	*50*	726.24	529622.72	4544338.37	726.24
082	36.1	32.8	*60*	*50*	728.58	529562.88	4544309.66	728.58
086	36.1	32.8	*60*	*50*	727.45	529479.82	4544305.51	727.45
026	36.1	32.8	*60*	*50*	549.08	529700.72	4546673.46	549.08
013	36.1	32.8	*60*	*50*	524.89	529458.17	4546798.15	524.89
058	36.1	32.8	*60*	*50*	626.44	528819.27	4545877.00	626.44
028	36.1	32.8	*60*	*50*	634.21	531278.19	4542422.51	634.21
025	36.1	32.8	*60*	*50*	630.67	531288.59	4542474.21	630.67
088	36.1	32.7	*60*	*50*	725.80	529515.19	4544253.27	725.80
094	36.0	32.7	*60*	*50*	727.15	529438.32	4544263.15	727.15
079	36.1	32.7	*60*	*50*	727.45	529616.50	4544376.25	727.45
027	36.0	32.7	*60*	*50*	547.86	529691.68	4546701.13	547.86
061	36.0	32.7	*60*	*50*	628.57	528811.84	4545865.45	628.57
015	36.0	32.7	*60*	*50*	520.56	529486.08	4546814.64	520.56
078	36.0	32.7	*60*	*50*	724.63	530752.32	4541388.51	724.63
071	36.0	32.6	*60*	*50*	712.20	530780.51	4541398.57	712.20
076	36.0	32.6	*60*	*50*	578.80	528643.78	4546079.34	578.80
049	35.9	32.5	*60*	*50*	572.33	530569.66	4546439.13	572.33
068	36.0	32.5	*60*	*50*	633.73	528793.52	4545852.32	633.73
021	36.0	32.5	*60*	*50*	522.23	529506.75	4546826.46	522.23
072	35.9	32.4	*60*	*50*	634.03	528785.99	4545830.26	634.03
033	35.9	32.4	*60*	*50*	477.32	531497.37	4546575.58	477.32
052	35.9	32.3	*60*	*50*	573.56	530565.82	4546475.30	573.56
035	35.8	32.3	*60*	*50*	474.34	531488.96	4546605.68	474.34
053	35.8	32.2	*60*	*50*	569.34	530584.17	4546485.84	569.34
098	35.8	32.1	*60*	*50*	854.21	529844.52	4541587.76	854.21
099	35.7	32.0	*60*	*50*	857.31	529845.99	4541566.51	857.31
095	35.7	32.0	*60*	*50*	689.00	529075.71	4544619.69	689.00
085	35.7	32.0	*60*	*50*	554.72	528453.62	4545924.20	554.72
084	35.7	32.0	*60*	*50*	553.91	528440.96	4545941.08	553.91
096	35.7	31.9	*60*	*50*	691.12	529048.91	4544611.58	691.12
097	35.7	31.9	*60*	*50*	687.68	529028.45	4544599.96	687.68
100	35.6	31.8	*60*	*50*	864.80	529797.39	4541457.76	864.80
101	35.6	31.8	*60*	*50*	863.56	529773.50	4541451.52	863.56
031	35.7	31.8	*60*	*50*	533.52	529810.90	4546882.25	533.52
102	35.6	31.7	*60*	*50*	860.90	529753.92	4541437.49	860.90
036	35.6	31.6	*60*	*50*	518.72	529822.55	4546994.31	518.72
087	35.6	31.6	*60*	*50*	538.48	528242.29	4546013.74	538.48
090	35.5	31.5	*60*	*50*	531.99	528195.56	4546030.35	531.99
091	35.5	31.5	*60*	*50*	533.44	528196.16	4545999.68	533.44
092	35.5	31.5	*60*	*50*	530.18	528170.77	4546027.42	530.18
103	35.5	31.4	*60*	*50*	849.87	530098.15	4541241.48	849.87
104	35.5	31.4	*60*	*50*	863.79	530033.63	4541280.29	863.79
093	35.5	31.4	*60*	*50*	533.24	528152.30	4545951.89	533.24
105	35.4	31.3	*60*	*50*	873.64	529892.26	4541212.19	873.64
106	35.4	31.2	*60*	*50*	880.51	529882.59	4541157.54	880.51

* Condizioni al contorno per calcolo immissione:

1] *Fondo minimo* giorno costante per tutti i recettori: 35 dB (A)

2] *Fondo minimo* notte costante per tutti i recettori: 30 dB (A)

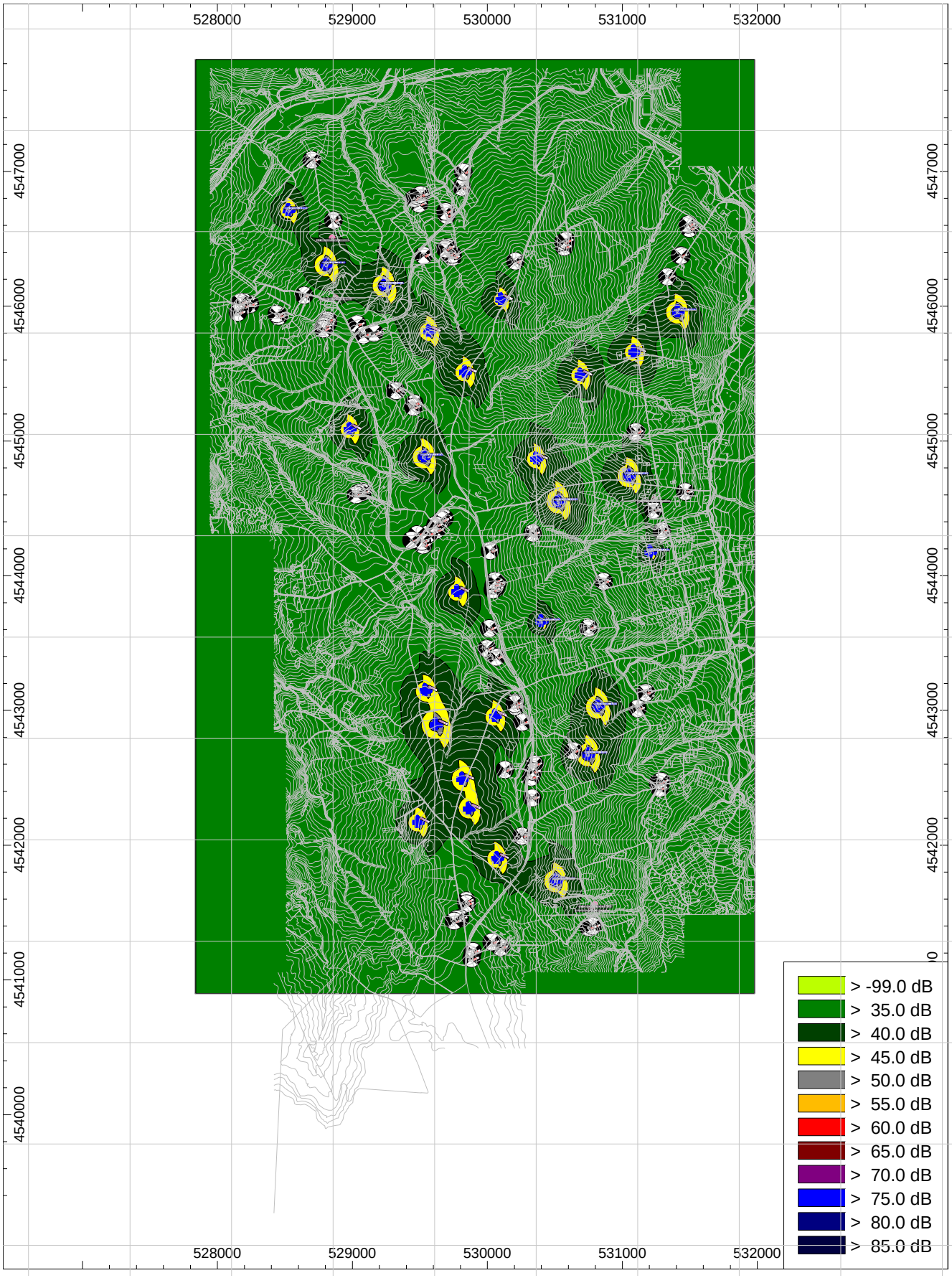

Figura 22: Isofonica Immissione giorno [4 m/s]

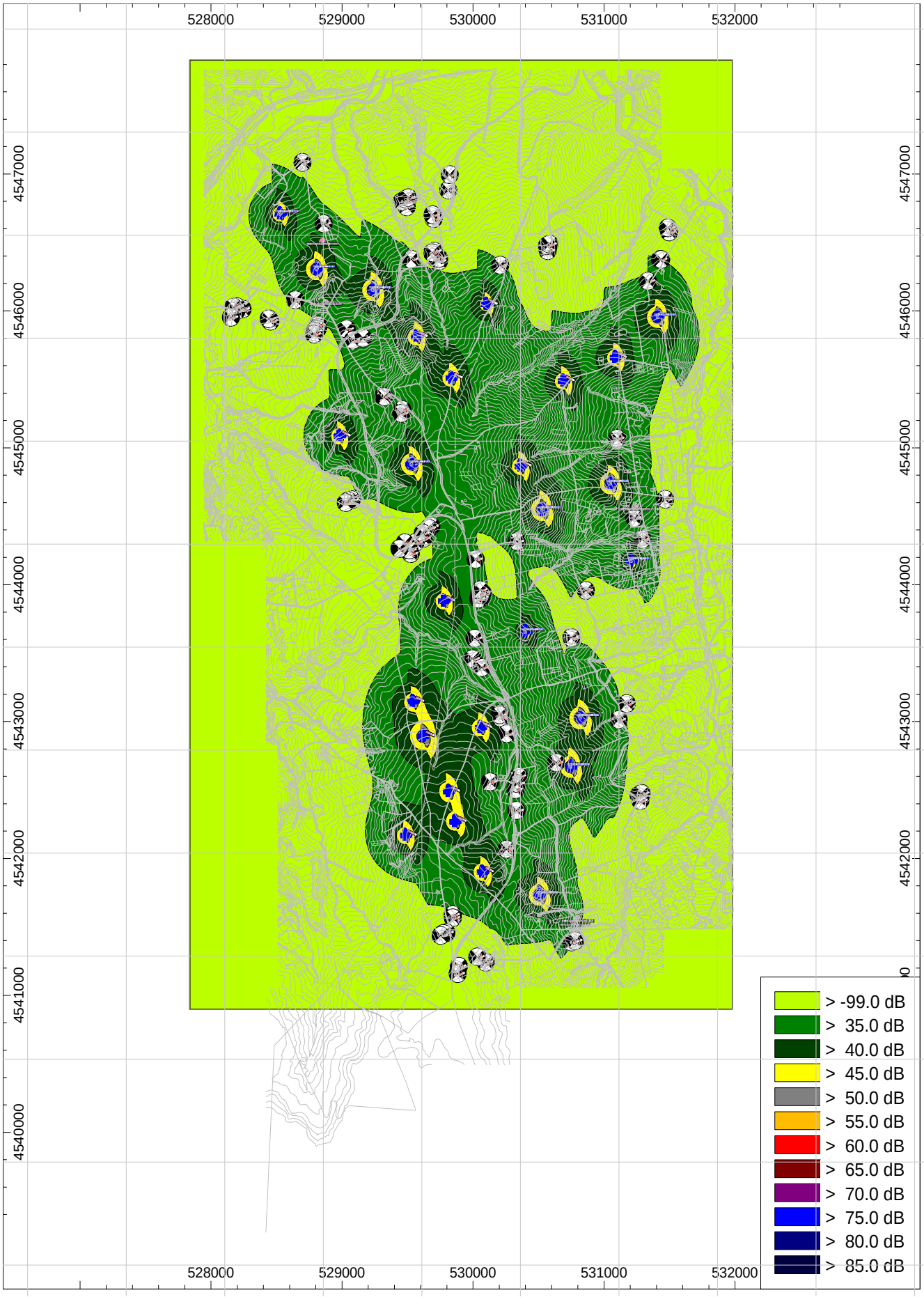

Figura 23: Isofonica Immissione notte [4 m/s]

17) Livelli parziali *massimi* ai recettori [4 m/s] (calcolato)

ID Rec.	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
3		13.7	17.6		14.8			13.6	14.7	23.5	30.4	25.8	12.2		13.9	16.1	20.6		20.2	12.8				11.6				
4		11.2						14	19.6	23	30.1	19.6	15.6	13.4	16.1	22	25.5		21.2	12.1								
80		11.5	18.9	18.3	20.5															14.1	21.3	22.8	22.8	21	23.4	20.4	24.9	24.5
65		15.9	20.9	15.6	20.5					13.7		8.8							10.4	21.6	21.6	22.1	22.1	26.8	19.1	17.5	22	20.9
64		15.7	21	15.8	20.7					13.5		8.7							10.2	21.4	21.6	22.1	22.1	26.9	19.3	17.6	22.2	21.1
66		15.9	20.9	15.6	20.6					13.6		8.7							10.3	21.5	21.7	22.1	22.1	26.8	19.2	17.5	22.1	21
59		14.8	21.2	17.4	21.5					12.7		8.2								20.3	21	21.8	21.8	26.6	20.1	17.8	22.4	21.5
5		13.8	18.4		15.6			13.1	13.6	22.8	28.9	26.9			13	14.7	19.2		19.3	12.6				12				
77		17.5	18.5	11.7	17.1			16.9		16.1	12.7	9.6							13	25.6	23	22.3	22.3	24.7	16.6	16.4	20.5	18.9
74		17.6	19.2	12.3	17.9			18		15.9	12.7	9.7							12.7	24.6	22.5	22	22	25.7	16.9	16.4	20.6	19.1
6	26.2					29.8	22.8	11.6					12.8	16.9	13.4			17.3										
55		11.4	19.9	19.7	21.9															17.3	19.4	20.8	20.8	24.7	22.7	18.7	23	23
51		12.2	20.6	20.8	22.2							6.6								17.8	19.5	20.7	20.7	24.9	21.8	18.2	22.6	22.3
50		11.7	20.2	20.2	22.1							6.2								17.5	19.4	20.8	20.8	24.8	22.3	18.5	22.9	22.7
73		17.8	17.8		16.2			19.6		17.2	13.6	10.2						14.2	14.1	25.9	21.9	21	21	24.1	15.4	15.3	19.1	17.6
56		10.1	18.9	20.4	21.2															16.3	18.7	20.3	20.3	23.7	23.6	19	23	23.3
9	17.4					22.8	27.7	18.6					19.4	26.4	18.2	11.5	13.5	16.6	11.4									
83		7.9	16.6	21.9	19.3																17.9	19.7	19.7	17.1	25.7	20.2	23.1	24.1
44	20.2					27.6	24.4	17.6					15.1	21.7	18.5		11.5	23.4	11.8									
7		17	28.3	17.6	25.9					17.9	12.6	12								14.6	13.1	13.4	13.4	17.7	14.3	10.8	14.3	14.1
45	19.4					26.7	24	18.4		11.3			15.3	22.2	19.2		12	23.9	12.5									
69		17.7	16.6		14.6			21.2		19.6	15.5	11.4			11.8		11.2	15.2	16.6	25.8	19.8	18.7	18.7	21.4		13.2	16.7	15.3
75		17.6	16.5		14.5			21.3		19.4	15.3	11.2			11.7		11.1	15.3	16.5	26	20	18.9	18.9	21.5		13.4	16.9	15.4
70		17.5	16.3		14.3			21.4		19.6	15.5	11.3			12		11.3	15.4	16.8	25.9	19.8	18.6	18.6	21.2		13.1	16.6	15.2
46		13.1	23	22	24.2					11.4		8.3								16.7	17.2	18.1	18.1	22.7	19.3	15.4	19.5	19.3
41	18.9					26.1	24.3	18.5		11.6			16.1	22.9	19.8		12.6	23.3	12.9									
16		20.1	23.3		19.9			15.8		25.9	20.4	19.3			14.1	11.4	12.8		21.2	17.4	13.3	13	13	16.6			12.6	
10		22.2	26.6		23			15.4		18.6	16.8	15.8					10.1		16.7	18.7	15.2	15.1	15.1	19.3	13.1		14.9	14.1

ID Rec.	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
62		17.6	16.4		14.4			21.3		19.9	15.7	11.6			12		11.5	15.3	17	25.6	19.5	18.4	18.4	21		13	16.4	15
63		17.4	16.2		14.2			21.6		19.9	15.7	11.5			12.2		11.6	15.5	17.1	25.8	19.5	18.3	18.3	20.9			16.4	14.9
23	15.3					20.3	25.1	18.1	12.7				21.1	25.1	23.4	13	14.9	15.4	12.2									
20	15.5					20.5	25.3	18	12.5				20.8	25.1	23.3	12.8	14.6	15.4	12									
54		15.9	14.6		12.6			23.1		21	16.5	11.3	8.5	12.3	13.9	10.4	13	16.6	18.7	25.1	18.3	17	17	19.1			14.9	
19	15.4					20.4	25.2	18	12.6				20.9	25.1	23.3	12.8	14.7	15.4	12									
22	15.3					20.3	25	17.9	12.7				21	24.9	23.2	12.9	14.8	15.3	12.1									
32		20.9	15.1		12.7			21.1		24	19.7	14.2	9.5	15.7	19	12.6	15.1	14.5	21	21.7	15.6	14.6	14.6	17.2				
30									29.8		16.5		13.1	9.7	11.1	22.8	18.1		12.4									
1		11	15.5						16	20.4	27.7	22.1			12.5	21.6	19.6		17.7	10.6								
29									29.8		16.5		13		11	22.8	18		12.4									
18	15.6					20.6	25.2	17.6	12.3				20.3	24.7	22.8	12.5	14.2	15.2	11.6									
17	15.8					20.7	25.4	17.8	12.2				20.3	24.9	22.2	12.4	14.2	15.3	11.6									
43	15.3					21.9	20.1	22.2		14.4	11.6		15.2	21.4	21.2	10.7	13.8	24.8	15.6	12.4								
42	15.2					21.8	20	22.2		14.4	11.6		15.2	21.4	21.2	10.7	13.9	24.7	15.6	12.4								
38	13.9	6.2				20.2	19.1	24.4		15.6	12.7		15.4	20.9	21.7	11.5	14.8	23.5	17	14.1								
8		16.7	27.2	16.5	24.4					18.3	13.4	13.1								14.4	12.5	12.7	12.7	16.8	13.3		13.4	13.2
40	13.8	6.3				20.1	18.7	23.9		15.7	12.7		15.2	20.6	21.6	11.4	14.7	23.7	17	14								
34	11.1					15.7	19.5	16	16.2	15	12		26.1	20.6	21	16.3	17.5	12.4	17.8									
37									26.9	14.3	18		14.3	10.7	12.2	25.1	19.8		13.8									
60		12.5	11.7				12.1	23.9		19.1	14.7	8.5	9.9	13.5	15.9	10	13	20.3	18.4	22.5	18.2	16.5	16.5	12.6				
67		12.4	11.7				11.8	22.7		19	14.5	8.4	9.8	13.5	15.8		12.8	20.4	18.2	21.4	18.4	16.7	16.7	12.6				
14	17.6					22	25.5	15.9					16.9	22.7	15	10	11.4	14.3										
57	21.8					23.9	23.2	16.4					13.2	19.6	16.5			20.6	10.4									
24		13	24.8	19.7	25.3							7.5									11.9	12.6	12.6	16.3	15.1	10.8	14	14.1
11	26.5					26.1	18.4						10	13.1	10													
89		12.6	12					20.8		17.5	13.1	7.5		12.1	14.1		11.1	20.6	16.3	21.5	20.4	18.5	18.5	13.7			14.6	
81		12.6	11.9				11.4	21.6		18.5	14.1	8.2	9.2	12.9	15.2		12.2	20.4	17.5	21.1	19.1	17.3	17.3	13.1			14.7	
82		12.4	11.8					21.4		18	13.6	7.7	8.9	12.7	14.8		11.8	20.8	17	21.1	19.5	17.7	17.7	13.1			14.9	

ID Rec.	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
86		11.8	11.4				11.3	21.4		17.3	13	7.1	8.7	12.6	14.6		11.3	21.4	16.4	20.8	19.8	17.9	17.9	12.9			12.9	
26	15.5					20	24.1	16	11.8				18.8	22.6	20.7	11.6	12.9	13.9	10									
13	18					22.3	25.5	15.7					16.4	22.5	14.6		11	14.2										
58	21.2					23.7	23.1	16.5					13.2	19.6	16.6		10	20.7	10.5									
28		12.7	24.5	19.7	25.1							7.2									11.7	12.5	12.5	16.2	15.1	10.7	13.9	14
25		12.9	24.7	19.4	25							7.6									11.7	12.4	12.4	16.2	14.8	10.6	13.8	13.9
88		12.3	11.8					21		17.5	13.1	7.4		12.3	14.3		11.2	20.8	16.4	21.3	20.2	18.3	18.3	13.4			14.2	
94		11.8	11.4					21		16.9	12.6	6.9		12.3	14.2		10.9	21.5	15.9	20.8	20.3	18.3	18.3	13.1			11.8	
79		12.4	11.7				11.6	21.9		18.5	14.1	8.1	9.4	13.2	15.4		12.4	20.6	17.7	20.8	18.8	17	17	12.8				
27	15.6					20	24	15.8	11.7				18.5	22.4	20.5	11.4	12.7	13.7										
61	20.3					23.6	23	16.5					13.2	19.6	16.6			20.3	10.4									
15	17.6					21.9	25.2	15.5					16.5	22.2	14.6		11.1	14										
78			12.9	27	15.6																			15.6	21	15.1	16.5	17.8
71			13	26.9	15.8																			15.5	20.8	14.9	16.4	17.7
76	19.8					25.6	22.7	14.5					12	17.9	14.7			17.1										
49						12.5	15.9	13.5	19.1	15.5	12.4		22	16.7	17.7	18.2	22.6		16.2									
68	19					23.4	22.7	16.5					13	19.4	16.4			19.5	10.4									
21	17.4					21.6	24.9						16.5	22.1	14.7		11.1	13.8										
72	18.2					23.2	22.5	16.6					12.9	19.3	16.4			19.4	10.4									
33									27.1		14.9		12			20.6	16.4											
52						12.5	15.8	13.4	18.8		12.1		21.8	16.6	17.5	17.9	22.3		15.9									
35									26.8		14.7		12			20.5	16.3											
53						12.3	15.6	13.2	19		12.1		21.6	16.4	17.3	17.9	22.1		15.8									
98			11.8	19.5	14.1																11.6	13.5	13.5	13.1	20.3	22.6	16.7	18.3
99			11.7	19.4	14																11.5	13.3	13.3	12.9	20.1	22.5	16.5	18.2
95		7.9				12.5	13.8	22.2		14.4			9.4	14.5	15.5		10.4	21.5	14.4	16.8	12.5	10.5	10.5					
85	18.5					23.7	20.7	14.5					10.6	16.6	13.7			17.7										
84	18.7					23.8	20.6	14.3					10.5	16.4	13.6			17.6										
96		7.8				12.5	13.7	22		14.2			9.3	14.4	15.3		10.2	21.5	14.1	16.7	12.5	10.5	10.5					

ID Rec.	BS1 (V 150 - 6 MW)	BS10 (V 126 - 3,3 MW)	BS11 (V 105 - 3,45 MW)	BS14 (V 105 - 3,45 MW)	BS15 (V 105 - 3,45 MW)	BS2 (V 105 - 3,45 MW)	BS3 (V 105 - 3,45 MW)	BS5 (V 105 - 3,45 MW)	BS6 (V 105 - 3,45 MW)	BS7 (V 105 - 3,45 MW)	BS8 (V 105 - 3,45 MW)	BS9 (V 126 - 3,3 MW)	BS3-1	BS3-2	BS3-3	BS6-1	BS6-2	BS5-1	BS7-1	BS10-1	BS11-1	BS11-2	BS11-3	BS11-4	BS14-1	BS15-1	BS15-2	BS15-3
97		7.7				12.4	13.6	21.8		14.1			9.1	14.2	15.1		10	21.5	14	16.6	12.5	10.6	10.6					
100				18.8	13.1																10.7	12.6	12.6	12.1	19.4	22.2	15.7	17.3
101				18.6	13																10.7	12.6	12.6	12	19.3	22.3	15.6	17.2
31	14.1					18.2	21.7		11.9				17.4	20.2	18.6	11.2	12.1											
102				18.5	12.9																10.7	12.5	12.5	11.9	19.1	21.5	15.5	17.1
36	13.7					17.7	20.9		11.5				16.5	19.2	17.7	10.7	11.5											
87	19					22.7	18.9	12.8					9	14.6	12			16										
90	19					22.3	18.5	12.5					8.7	14.3	11.6			15.6										
91	18.7					22.2	18.5	12.7					8.7	14.3	11.7			15.8										
92	18.9					22.1	18.3	12.4					8.5	14.1	11.4			15.5										
103				19.8	13																	12.1	12.1	10.7	18.5	19.1	13.9	15.6
104				19.6	13																	11.3	11.3	11	18.7	19.7	14.2	15.9
93	18.1					21.6	18	12.6						14	11.5			15.9										
105				18.4	12.1																	10.7	10.7	10.4	18	20.1	13.8	15.4
106				18.1	11.7																	10.4	10.4	10	17.5	19.8	13.3	15