

<p style="text-align: center;">Regione Emilia-Romagna Provincia di Ravenna Comune di Cervia</p>					
<p style="text-align: center;"><b>PROGETTO DEFINITIVO</b></p>					
<p style="text-align: center;"><b>IMPIANTO AGRIVOLTAICO DELLA POTENZA DI IMMISSIONE DI 51 MW E POTENZA INSTALLATA DI 56,135 MW E OPERE CONNESSE, DENOMINATO "CERVIA PV" DA REALIZZARSI NEL COMUNE DI CERVIA</b></p>					
<p><b>TITOLO</b></p> <p><b>PARTICOLARI COSTRUTTIVI STRUTTURE DI SOSTEGNO DEI MODULI FV</b></p>		<p><b>ELABORATO</b></p> <p style="font-size: 2em; font-weight: bold; text-align: center;">D08</p> <p><b>C5008.G.D08</b></p>		<p><b>LUOGO E DATA</b></p> <p><b>Pinerolo aprile 2026</b></p>	
<p><b>PROGETTAZIONE - S.I.A. - COORDINAMENTO</b></p> <div style="display: flex; align-items: center;"> <div> <p><b>GEA SISTE INGEGNERIA</b> RINNOVABILI, CIVILE &amp; AMBIENTE</p> <p>via Pasubio 2/28 - 10064 PINEROLO (TO) - ITALIA PEC: geasiste@pec.it P. IVA e C.F. 07510230019 Cap. Soc. 100.000,00 €</p> </div> </div>			<p>Firmato digitalmente da</p> <p><b>ELIA Marco</b> PROGETTISTA &amp; LEGALE RAPPRESENTANTE Collegio dei Geometri Torino, n.8432</p> <p><b>PEYROT Serena</b> PROGETTISTA Ordine Ingegneri Torino, n.11873L</p>		
<p style="text-align: center;"><b>RELAZIONI SPECIALISTICHE</b></p>					
<p><b>PROGETTAZIONE ELETTRICA</b> ARCHI EVER</p>		<p><b>AMBIENTE</b> dott. for. Gianluigi Balangone</p>			
<p><b>AGRONOMIA</b> dott. agr. Gregorio Matteucci</p>		<p><b>ARCHEOLOGIA</b> Akanthos S.r.l. dott. Michelangelo Monti - dott.ssa Paola Fuselli</p>			
<p><b>PROGETTAZIONE STAZIONE ELETTRICA</b> 3E Ingegneria</p>		<p><b>PROGETTAZIONE IDRAULICA</b> BLUEWORKS - Ing. Yos Zorzi</p>			
<p><b>Proponente</b></p> <div style="display: flex; align-items: center;"> <div> <p><b>FRV Italia S.r.l.</b> Via Rubicone, 11 - 00198 Roma P.IVA: 10413450015</p> <p>The future happens here</p> </div> </div>		<div style="display: flex; justify-content: space-around; align-items: center;"> </div>			
REV. 00	DATA APRILE 2026	REDAZIONE MR	VERIFICA SP	AUTORIZZAZIONE ME	

The image contains two technical drawings of solar shading systems for a building facade.

**Top Drawing: Horizontal Shading System**

- Dimensions:**
  - Horizontal distance between the centers of the two shading units: 6.00.
  - Horizontal distance from the center of each unit to the edge of the shading unit: 2.38.
  - Vertical height of the shading unit: 2.84.
- Angle of Shading:** 22°.
- Subjects:** A worker in a hard hat and safety vest is shown holding a blueprint, and a cow is shown grazing on the grass.

**Bottom Drawing: Vertical Shading System**

- Dimensions:**
  - Horizontal distance between the centers of the two shading units: 6.00.
  - Horizontal distance from the center of each unit to the edge of the shading unit: 1.53.
  - Vertical height of the shading unit: 1.90.
  - Vertical height of the building facade: 3.75.
- Angle of Shading:** 22°.
- Subjects:** A cow is shown grazing on the grass.

[illegible]

LAMI 5.5 800W/m² 20°C 1m/s				Test uncertainty for P <sub>max</sub> < 3%					
LRB-66H7-655M		LRB-66H7-655M		LRB-66H7-660M		LRB-66H7-665M		LRB-66H7-670M	
STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
650	494.8	655	496.6	660	502.4	665	506.2	670	510.0
49.72	47.25	49.82	47.35	49.92	47.44	50.02	47.54	50.12	47.63
16.54	13.28	16.62	13.35	16.70	13.41	16.78	13.48	16.86	13.54
40.98	38.95	41.08	39.04	41.18	39.14	41.28	39.23	41.38	39.33
15.86	12.72	15.94	12.78	16.03	12.85	16.11	12.92	16.19	12.98
24.1		24.2		24.4		24.6		24.8	

Mechanical Loading	
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

Technical drawing of a solar panel installation on a wall. The drawing shows a side elevation of a wall with solar panels mounted on it. The wall is 28.90 units high. The solar panels are 1.13 units wide and 3.75 units high. The wall is 1.90 units thick. The solar panels are mounted on a wall made of steel reinforcement (Pilastrino in acciaio). The wall is supported by a foundation made of concrete blocks. The drawing includes dimensions for the wall, solar panels, and the foundation. Two cows are shown in the foreground to provide a sense of scale.