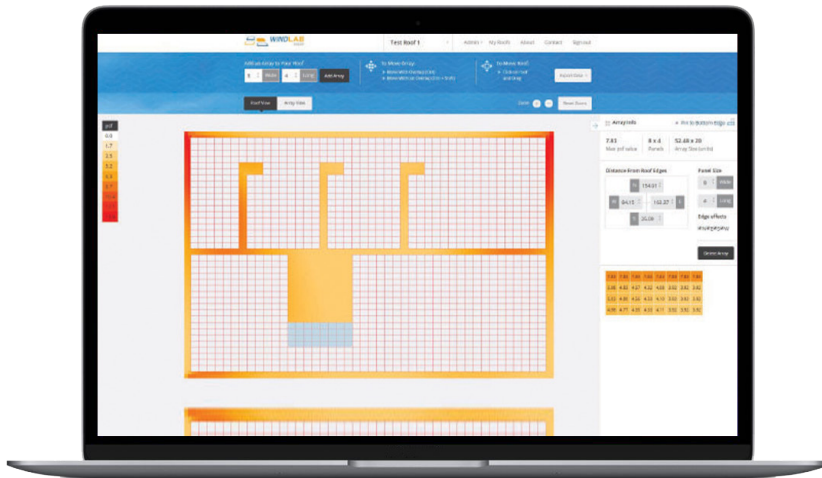


Reduce time, risk, and excess ballast with an online calculator customized for your solar product

WindLab-Solar is the online calculator customized for your roof-mount solar product. Using the results of your system-specific wind tunnel study, WindLab-Solar calculates the loads on every panel in your installation.



The WindLab-Solar Online Calculator

You begin with basic project details:

- Roof size
- Building height
- Module size and tilt
- Row-to-row spacing

From there, the calculator allows you to:

- Arrange a virtual rooftop
- Move and resize arrays
- Consider multiple configurations
- Account for wind loads shared across panels

WindLab-Solar automatically calculates the effects of corner vortices and flow separations, and reports wind loads as coefficients, pounds per square foot (psf), or Pascals (Pa).

With WindLab-Solar, your design team has easy access to critical data for successful rooftop installation, giving you a competitive edge.

Sign up for your
free trial today:

Visit cppwindlab.com
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CPP COMBINES EXPERTISE WITH ADVANCED FACILITIES

CPP is a leading global wind engineering consultancy. We offer our knowledge and experience with pragmatic advice to help you interpret building codes, consider paver specification, and balance public safety, aesthetics, cost, and risk tolerance. We also provide unique wind tunnel testing facilities to prove design ideas, giving you more confidence in construction.

CPP's Services:

- Structural wind loads & responses
- Wind effects on roofs & solar panels
- Motion dampening system design
- Exhaust system energy optimization
- Structural motion mitigation
- Outdoor wind comfort & safety
- Building exhaust dispersion
- Indoor airflow & natural ventilation
- Smoke & fire behavior
- Cladding pressure