



ABOUT CPP

Modern wind engineering began in the 1950s with the work of Dr. Jack Cermak and his colleagues. As a professor and researcher, Dr. Cermak pioneered the now-standard methods of modeling and testing the effects of wind on buildings and structures.

In 1981, Dr. Cermak and Dr. Jon Peterka co-founded America's first commercial wind engineering company. Three years later, Dr. Ron Petersen joined and the company became Cermak Peterka Petersen (CPP).

Since its founding, CPP has attracted and developed some of the finest wind engineers in the field. CPP principals and senior staff are key contributors to wind loading codes and wind tunnel testing standards around the world.

With more than 30 years of experience, a large technical staff, facilities in Colorado and Australia, and offices in key regions around the world, CPP is the largest, most experienced US wind engineering company.

CPP'S SERVICES

- Structural wind loads & responses
- Wind effects on cladding & roofs
- Air permitting
- Exhaust system energy optimization
- Motion damping system design
- Pedestrian-level winds
- Building exhaust dispersion
- Indoor airflow & natural ventilation

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.

You begin with basic project details:

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

You can:

- 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 roof-top installation giving you a competitive edge.

**Sign up for your free trial today at
www.cppwindlab.com
or contact us at 970.221.3371**