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Perez, R., (2010): Solar vs. traditional generation: A value-based perspective & Solar resource information logistics. Invited Seminar, University of Baeza, Baeza, Spain

Perez R., (2010): Why Solar Makes Sense in Georgia. Invited Presentation, Georgia Tech, Atlanta, GA.

Perez R., (2010): Solar vs. Traditional Generation – cost vs. value. Invited presentation. Solar Power International, Los Angeles, CA

**2011**

***Journals & Peer-Reviewed***

Perez, R., Kivalov, S., Schlemmer, J., Hemker Jr. and T. E. Hoff, 2011. Parameterization of site-specific short-term irradiance variability, *Solar Energy*, Volume 85, Issue 7, July 2011, Pp. 1343-1353

Hoff T., & R. Perez (2011): Modeling PV Fleet Output Variability, *Solar Energy* (In Press -- available online in Dec. 2011 at: <http://www.sciencedirect.com/science/article/pii/S0038092X11004154>)

Perez, R., K. Zweibel and T.E. Hoff, (2011): Solar Power Generation in the US: Too Expensive, or a Bargain? *Journal of Energy Policy*, 39 (2011), 7290-7297

Perez R. and M. Perez (2011) Una Mirada Fundamental a las reservas de energía de la planeta. *Revista de Energías Renovables - Julio-Septiembre 11 -- Asociación de Energía Solar, México*

Perez R. and T. Hoff, (2011): Solar Resource variability – Myth and Fact. *Solar Today*, September/October 2011

***Conference Proceedings***

Perez, R., Kivalov, S., Schlemmer, J., Hemker Jr., and T. Hoff, 2011. Short-term irradiance variability correlation as a function of distance. Proc. Solar 2011, American Solar Energy Society Conference, Raleigh, NC. & Submitted to *Solar Energy* (accepted 2/12)

Perez, R., M. Beauharnois, K. Hemker Jr., S. Kivalov, E. Lorenz, S. Pelland, J. Schlemmer, and G. Van Knowe, (2011): Evaluation of Numerical Weather Prediction Solar Irradiance Forecasts in the US. Proc. Solar 2011, American Solar Energy Society's annual conference

Perez, R., S. Kivalov, T. Hoff, (2011): Spatial & temporal characteristics of solar radiation variability. Proc. of International Solar Energy World Congress, Kassel, Germany

Cebecauer, T., R. Perez and M. Suri, (2011): Comparing performance of SolarGIS and SUNY satellite models using monthly and daily aerosol data. Proc. of International Solar Energy World Congress, Kassel, Germany

Stackhouse, P., S. Cox, w. Chandler, J. Hoell, T. Zhang, D. Westberg, R. Perez, C. Hemker, J. Schlemmer, D. Renné, M. Sengupta, J. bates, K. Knapp, (2011): Towards and Improved High Resolution Global Long-term Solar Resource Database. Proc. Solar 2011, American Solar Energy Society's annual conference

***Reports and Invited***

Perez R, and K. Hemker, Jr., (2011): Solar Forecasting Characterization. Report on Contract No. AGJ-1-11854-01 Alliance for Sustainable Energy (National Renewable Energy laboratory)

Perez. R., (2011): Solar Grid Parity: a value-based perspective. Invited presentation, ASES Annual Conference, Raleigh, NC.

Perez R., (2011): Current body of knowledge. Invited presentation, Solar Resources and Forecasting Workshop, Golden Co.

Perez R., (2011): Short-term and Day-ahead Solar Forecasting. Invited presentation, Solar Resources and Forecasting Workshop, Golden Co.

Perez R., (2011): Current body of knowledge. Invited presentation, Solar Resources and Forecasting Workshop, Golden Co.

Perez R., (2011): Modeling for System Integration Studies. Invited presentation, Solar Resources and Forecasting Workshop, Golden Co.

Perez R., (2011): On Solar Forecasting. AMS Summer Community meeting, Boulder, CO

Perez R., (2011): Solar Energy cost and value. Invited Plenary Talk, International Solar Energy Society World Congress, Kassel, Germany.

Perez, R., (2011): La Valor de la Energía Solar. Invited Keynote presentation, Mexican Solar Energy Society Annual Conference. Chihuahua, Mexico.

Perez, R., (2011): The value of solar energy generation. Invited presentation. George Washington University Solar Energy Institute's Annual Symposium.

Perez, R., (2011): Solar resource in Mexico, Invited presentation, Comisión Federal de Electricidad, Morelia, Mexico.

Perez, R., (2011): Solar resource assessment and forecasting, Invited presentation, IBM Watson Research Center, Westchester, NY.

Perez, R., (2011): Solar Energy, too expensive, or a bargain? Invited presentation, The Sierra Club, New York City, NY.

Perez, R., (2011): Solar Resource Variability. Invited Presentation, Utility Wind Integration Group workshop, Albany, NY.