



PSERC WEBINAR

Power Considerations and Opportunities in Heavy Industry Applications

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We examine several production scheduling applications in heavy industry and discuss reasons for the modus operandi. We then explore opportunities for these heavy industries to capitalize on power pricing incentives and propose quantitative means to do so.

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[LINK TO WEBINAR](#)

1:00-2:00 P.M. ET

(10:00-11:00 A.M. PT)

Alexandra Newman is a professor in the mechanical engineering department at the Colorado School of Mines (CSM). Prior to joining CSM, she was a research assistant professor at the Naval Postgraduate School in the operations research department. She obtained her BS in applied mathematics at the University of Chicago and her PhD in industrial engineering and operations research at the University of California at Berkeley. She specializes in deterministic optimization modeling, especially as it applies to energy and mining systems, and to logistics, transportation, and routing. She received a Fullbright Fellowship to work with industrial engineers on mining problems at the University of Chile in 2010 and was awarded the INFORMS Prize for the Teaching of Operations Research and Management Science Practice in 2013. She currently serves as Editor-in-Chief of INFORMS Journal on Applied Analytics.

