The Honorable George W. Bush The President The White House Washington, D.C. 20500

The Honorable J. Dennis Hastert The Speaker of the House of Representatives Washington, D.C. 20515

The Honorable Trent Lott Majority Leader United States Senate Washington, D.C. 20510

Dear Mr. President, Mr. Speaker, and Mr. Leader:

We write to express our deep concern about the failure of the Federal Energy Regulatory Commission (FERC) to act effectively to enforce the provisions of the Federal Power Act that require it to set just and reasonable wholesale prices for electricity in California. Under the terms of the Act, FERC is required to ensure that wholesale electricity prices are just and reasonable. FERC historically met this responsibility by approving wholesale prices that were no higher than the total costs suppliers incur to produce electricity. More recently, FERC has given suppliers "market-based pricing authority" in situations where it was able to conclude that market-based pricing would lead to better outcomes than continued cost-based regulation. FERC retains the responsibility to ensure that wholesale prices are just and reasonable when a state decides to rely on a competitive wholesale electricity market to provide for its citizens' electricity needs. In particular, once FERC has granted suppliers market-based pricing authority it has an ongoing responsibility to ensure that these prices reflect the outcomes of well-functioning competitive markets. If well-functioning competitive markets do not exist and, as a consequence, the resulting prices are not just and reasonable, then FERC should act either to remedy the market failures or to return to cost-based regulation.

In its November 1, 2000 preliminary order and December 15, 2000 final order, FERC stated that wholesale electricity prices in California were unjust and unreasonable. The actions taken by FERC in its December 15, 2000 final order have not remedied the problems. Moreover, as forecast by many parties commenting on the November 1, 2000 preliminary order, these actions resulted in significantly higher wholesale prices and contributed to further degradation of system reliability in California. Our review of FERC's most recent proposals for remedies leads us to conclude that they will be ineffective and unlikely either to enhance system reliability or reduce prices during the summers of 2001 and 2002.

Well-designed competitive wholesale electricity markets can provide long-term benefits to consumers. For sixty years FERC implemented its obligations to set just and reasonable rates under

the Federal Power Act by regulating wholesale market prices. During the 1990s, based on the belief that if appropriate criteria were met "market-based rates" could produce lower prices and a more efficient electric power system, FERC changed its policy. It began to allow suppliers to sell wholesale electricity at market-based rates but, consistent with FERC's continuing responsibilities under the Federal Power Act, only if the suppliers could demonstrate that the resulting prices would be just and reasonable. Generally, FERC allowed suppliers to sell at market-based rates if they met a set of specific criteria, including a demonstration that the relevant markets would be characterized by effective competition.

All generators and marketers selling power into California were granted the ability to receive market-based rates rather than cost-of-service rates because they were able to demonstrate to FERC that their participation in the California market would result in market prices reflecting the interplay of supply and demand in well-functioning competitive markets. These showings were based on a variety of market-structure screens adopted by FERC before California's wholesale electricity markets went into operation. Numerous *subsequent* studies based on *actual* market behavior and performance have identified a number of serious problems of market design, supplier behavior, and market performance that were not anticipated or considered in FERC's initial market-structure screens. There are numerous flaws in California's wholesale electricity markets, and their consequences have been significantly exacerbated by the tight supply situation in the Western U.S. We cannot expect a market to operate to benefit consumers or for the resulting wholesale prices to satisfy the requirements of the Federal Power Act if effective competition does not exist.

We strongly advocate that FERC be directed to fulfill its responsibilities and take the actions necessary to alleviate the market-performance problems that have led to unreasonable prices. We are mindful of the potential dangers of applying a simple price cap, the maximum price that all sellers can receive, to a truly competitive market where the interplay of supply and demand happens to yield prices higher than some might like. But California's electricity markets are not characterized by effective competition. In this case, cost-of-service prices are an obvious remedy that satisfies the just and reasonable rate standard. In addition, various parties have submitted proposals to FERC for temporary market interventions that would ensure just and reasonable wholesale electricity prices in California until many of the new power plants currently under construction in California are completed. These proposals do not require price caps on the spot market and thus avoid the problems caused by a simple price cap. However, all of these proposals require FERC to implement marketrule changes that guarantee wholesale prices in California are just and reasonable by setting selling prices for a significant fraction or for all of the output of sold by generators and marketers serving California. These proposals have also been very sensitive to ensuring that prices will not be constrained to levels below the costs of new entrants or levels that will discourage sales from existing facilities into California over the next two years.

The events in California during the last year have done serious damage to the evolution of competitive wholesale and retail electricity markets in many parts of the country where electricity industry restructuring and competition have not progressed very far. Several states that had planned to introduce reforms soon are now delaying them. Others will not consider further reforms until FERC demonstrates its ability to identify and its readiness to remedy quickly and effectively serious wholesale market-performance problems. Creating a well-functioning electricity market in California

as soon as possible is the best way to ensure that competition in wholesale electricity will spread throughout the US and provide the greatest possible benefits to consumers.

Designing a well-performing competitive electricity market is an extremely complex evolutionary process. The public must have confidence that the federal government will work cooperatively with the states to establish appropriate restructuring, market-design, and market-monitoring programs so that when market-performance problems emerge FERC will act quickly and effectively to mitigate them. The Federal Power Act gives FERC both the responsibility and the tools to act when wholesale markets produce unjust and reasonable rates for sustained periods of time. FERC's failure to act now will have dire consequences for the State of California and will setback, potentially fatally, the diffusion of competitive electricity markets across the country. Moreover, this negative experience with electricity re-structuring could delay or reverse current efforts to introduction competition into other formerly regulated industries.

Sincerely,

Roger Bohn
Associate Professor of Management
Graduate School of International Relations
and Pacific Studies
University of California—San Diego
(Former Member, California Power
Exchange
Market Monitoring Committee)

Severin Borenstein
E.T. Grether Professor of Business
Administration and Public Policy
Haas School of Business
University of California
Director, UC Energy Institute
(Member, Board of Governors of California
Power Exchange)

James Bushnell
Director of Research
University of California Energy Institute
(Former Chair and Member, California
Power Exchange Market Monitoring
Committee)

Peter Cramton
Professor of Economics
University of Maryland
(Member, California Power Exchange
Blue Ribbon Panel)

Alfred Kahn Robert Julius Thorne Professor of Political Economy, Emeritus Cornell University (Chair, California Power Exchange Blue Ribbon Panel)

Paul Joskow
Elizabeth and James Killian Professor of
Economics
Massachusetts Institute of Technology
Director, MIT Center for Energy and
Environmental and Policy Research

Alvin K. Klevorick John Thomas Smith Professor of Law Professor of Economics Yale University (Former Chair, California Power Exchange Market Monitoring Committee) Robert Porter William R. Kenan, Jr. Professor of Economics Northwestern University (Member, California Power Exchange Blue Ribbon Panel)

Carl Shapiro
Transamerica Professor of Business Strategy
Haas School of Business
University of California
(Former Member, Market Surveillance
Committee of the
California Independent System Operator)

Frank Wolak
Professor of Economics
Stanford University
(Chairman, Market Surveillance Committee of the
California Independent System Operator)