

Senate Bill No. 1389

CHAPTER 568

An act to repeal Sections 25401.1, 25553, 25604, and 25698 of, and to repeal and add Chapter 4 (commencing with Section 25300) of Division 15 of, the Public Resources Code, relating to energy.

[Approved by Governor September 14, 2002. Filed with Secretary of State September 15, 2002.]

LEGISLATIVE COUNSEL'S DIGEST

SB 1389, Bowen. Energy: planning and forecasting.

The planning and forecasting provisions of the existing Warren-Alquist State Energy Resources Conservation and Development Act require the State Energy Resources Conservation and Development Commission to prepare various reports. These reports include a draft and final electricity report based on reporting and forecasting required to be submitted by electric utilities, a report regarding emerging trends in energy availability and use, a report related to energy conservation, and a report regarding emerging trends in use, availability, and price of transportation fuels, among other things.

This bill would repeal the provisions of law requiring various reports, and instead require the commission to prepare an integrated energy policy report on or before November 1, 2003, and every 2 years thereafter, as specified. The bill would require the commission to conduct assessments and forecasts as often as necessary, but no less frequently than every 2 years. The bill would require the commission to conduct workshops and hearings for purposes of the report. The bill would additionally require the commission to include in the report a description of the international energy market prospects and an evaluation of its export promotion activities, along with other related items.

The bill would also require the commission to manage a data collection system for obtaining the information necessary to develop specified energy policy reports and analyses, and energy shortage contingency planning efforts, and to support other duties of the commission, as prescribed. The bill would authorize the commission to impose a civil penalty to ensure timely and accurate compliance with the data collection system. The bill would include certain requirements relating to the confidentiality of the data.

The people of the State of California do enact as follows:

SECTION 1. Chapter 4 (commencing with Section 25300) of Division 15 of the Public Resources Code is repealed.

SEC. 2. Chapter 4 (commencing with Section 25300) is added to Division 15 of the Public Resources Code, to read:

CHAPTER 4. INTEGRATED ENERGY POLICY REPORTING

25300. (a) The Legislature finds and declares that clean and reliable energy is essential to the health of the California economy and of vital importance to the health and welfare of the citizens of the state and to the environment.

(b) The Legislature further finds and declares that government has an essential role to ensure that a reliable supply of energy is provided consistent with protection of public health and safety, promotion of the general welfare, maintenance of a sound economy, conservation of resources, and preservation of environmental quality.

(c) The Legislature further finds and declares that the state government requires at all times a complete and thorough understanding of the operation of energy markets, including electricity, natural gas, petroleum, and alternative energy sources, to enable it to respond to possible shortages, price shocks, oversupplies, or other disruptions.

(d) The Legislature further finds and declares that timely reporting, assessment, forecasting, and data collection activities are essential to serve the information and policy development needs of the Governor, the Legislature, public agencies, market participants, and the public.

(e) The Legislature further finds and declares that one of the objectives of this act is to encourage cooperation among the various state agencies with energy responsibilities.

25301. (a) At least every two years, the commission shall conduct assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand, and prices. The commission shall use these assessments and forecasts to develop energy policies that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety. To perform these assessments and forecasts, the commission may require submission of demand forecasts, resource plans, market assessments, and related outlooks from electric and natural gas utilities, transportation fuel and technology suppliers, and other market participants. These assessments and forecasts shall be done in consultation with the appropriate state and federal agencies including, but not limited to, the Public Utilities Commission, the Office



of Ratepayer Advocates, the Air Resources Board, the Electricity Oversight Board, the Independent System Operator, the Department of Water Resources, the California Consumer Power and Conservation Financing Authority, the Department of Transportation, and the Department of Motor Vehicles.

(b) In developing the assessments and forecasts prepared pursuant to subdivision (a), the commission shall do all of the following:

- (1) Provide information about the performance of energy industries.
- (2) Develop and maintain the analytical capability sufficient to answer inquiries about energy issues from government, market participants, and the public.
- (3) Analyze and develop energy policies.
- (4) Provide an analytical foundation for regulatory and policy decisionmaking.
- (5) Facilitate efficient and reliable energy markets.

25302. (a) Beginning November 1, 2003, and every two years thereafter, the commission shall adopt an integrated energy policy report. This integrated report shall contain an overview of major energy trends and issues facing the state, including, but not limited to, supply, demand, pricing, reliability, efficiency, and impacts on public health and safety, the economy, resources, and the environment. Energy markets and systems shall be grouped and assessed in three subsidiary volumes:

- (1) Electricity and natural gas markets.
- (2) Transportation fuels, technologies, and infrastructure.
- (3) Public interest energy strategies.

(b) The commission shall compile the integrated energy policy report prepared pursuant to subdivision (a) by consolidating the analyses and findings of the subsidiary volumes in paragraphs (1), (2), and (3) of subdivision (a). The integrated energy policy report shall present policy recommendations based on an indepth and integrated analysis of the most current and pressing energy issues facing the state. The analyses supporting this integrated energy policy report shall explicitly address interfuel and intermarket effects to provide a more informed evaluation of potential tradeoffs when developing energy policy across different markets and systems.

(c) The integrated energy policy report shall include an assessment and forecast of system reliability and the need for resource additions, efficiency, and conservation that considers all aspects of energy industries and markets that are essential for the state economy, general welfare, public health and safety, energy diversity, and protection of the environment. This assessment shall be based on determinations made pursuant to this chapter.



(d) Beginning November 1, 2004, and every two years thereafter, the commission shall prepare an energy policy review to update analyses from the integrated energy policy report prepared pursuant to subdivisions (a), (b), and (c), or to raise energy issues that have emerged since the release of the integrated energy policy report. The commission may also periodically prepare and release technical analyses and assessments of energy issues and concerns to provide timely and relevant information for the Governor, the Legislature, market participants, and the public.

(e) In preparation of the report, the commission shall consult with the following entities: the Public Utilities Commission, the Office of Ratepayer Advocates, the State Air Resources Board, the Electricity Oversight Board, the Independent System Operator, the Department of Water Resources, the California Consumer Power and Conservation Financing Authority, the Department of Transportation, and the Department of Motor Vehicles, and any federal, state, and local agencies it deems necessary in preparation of the integrated energy policy report. To assure collaborative development of state energy policies, these agencies shall make a good faith effort to provide data, assessment, and proposed recommendations for review by the commission.

(f) The commission shall provide the report to the Public Utilities Commission, the Office of Ratepayer Advocates, the State Air Resources Board, the Electricity Oversight Board, the Independent System Operator, the Department of Water Resources, the California Consumer Power and Conservation Financing Authority, and the Department of Transportation. For the purpose of ensuring consistency in the underlying information that forms the foundation of energy policies and decisions affecting the state, those entities shall carry out their energy-related duties and responsibilities based upon the information and analyses contained in the report. If an entity listed in this subdivision objects to information contained in the report, and has a reasonable basis for that objection, the entity shall not be required to consider that information in carrying out its energy-related duties.

(g) The commission shall make the report accessible to state, local, and federal entities and to the general public.

25303. (a) The commission shall conduct electricity and natural gas forecasting and assessment activities to meet the requirements of paragraph (1) of subdivision (a) of Section 25302, including, but not limited to, all of the following:

(1) Assessment of trends in electricity and natural gas supply and demand, and the outlook for wholesale and retail prices for commodity electricity and natural gas under current market structures and expected market conditions.



(2) Forecasts of statewide and regional electricity and natural gas demand including annual, seasonal, and peak demand, and the factors leading to projected demand growth including, but not limited to, projected population growth, urban development, industrial expansion and energy intensity of industries, energy demand for different building types, energy efficiency, and other factors influencing demand for electricity. With respect to long-range forecasts of the demand for natural gas, the report shall include an evaluation of average conditions, as well as best and worst case scenarios, and an evaluation of the impact of the increasing use of renewable resources on natural gas demand.

(3) Evaluation of the adequacy of electricity and natural gas supplies to meet forecasted demand growth. Assessment of the availability, reliability, and efficiency of the electricity and natural gas infrastructure and systems including, but not limited to, natural gas production capability both in and out of state, natural gas interstate and intrastate pipeline capacity, storage and use, and western regional and California electricity and transmission system capacity and use.

(4) Evaluation of potential impacts of electricity and natural gas supply, demand, and infrastructure and resource additions on the electricity and natural gas systems, public health and safety, the economy, resources, and the environment.

(5) Evaluation of the potential impacts of electricity and natural gas load management efforts, including end user response to market price signals, as a means to ensure reliable operation of electricity and natural gas systems.

(6) Evaluation of whether electricity and natural gas markets are adequately meeting public interest objectives including the provision of all of the following: economic benefits; competitive, low-cost reliable services; customer information and protection; and environmentally sensitive electricity and natural gas supplies. This evaluation may consider the extent to which California is an element within western energy markets, the existence of appropriate incentives for market participants to provide supplies and for consumers to respond to energy prices, appropriate identification of responsibilities of various market participants, and an assessment of long-term versus short-term market performance. To the extent this evaluation identifies market shortcomings, the commission shall propose market structure changes to improve performance.

(7) Identification of impending or potential problems or uncertainties in the electricity and natural gas markets, potential options and solutions, and recommendations.

(b) Commencing November 1, 2003, and every two years thereafter, to be included in the integrated energy policy report prepared pursuant



to Section 25302, the commission shall assess the current status of the following:

(1) The environmental performance of the electric generation facilities of the state, to include all of the following:

(A) Generation facility efficiency.

(B) Air emission control technologies in use in operating plants.

(C) The extent to which recent resource additions have, and expected resource additions are likely to, displace or reduce the operation of existing facilities, including the environmental consequences of these changes.

(2) The geographic distribution of statewide environmental, efficiency, and socioeconomic benefits and drawbacks of existing generation facilities, including, but not limited to, the impacts on natural resources including wildlife habitat, air quality, and water resources, and the relationship to demographic factors. The assessment shall describe the socioeconomic and demographic factors that existed when the facilities were constructed and the current status of these factors. In addition, the report shall include how expected or recent resource additions could change the assessment through displaced or reduced operation of existing facilities.

25304. The commission shall conduct transportation forecasting and assessment activities to meet the requirements of paragraph (2) of subdivision (a) of Section 25302 including, but not limited to:

(a) Assessment of trends in transportation fuels, technologies, and infrastructure supply and demand and the outlook for wholesale and retail prices for petroleum, petroleum products, and alternative transportation fuels under current market structures and expected market conditions.

(b) Forecasts of statewide and regional transportation energy demand, both annual and seasonal, and the factors leading to projected demand growth including, but not limited to, projected population growth, urban development, vehicle miles traveled, the type, class, and efficiency of personal vehicles and commercial fleets, and shifts in transportation modes.

(c) Evaluation of the sufficiency of transportation fuel supplies, technologies, and infrastructure to meet projected transportation demand growth. Assessment of crude oil and other transportation fuel feedstock supplies; in-state, national, and worldwide production and refining capacity; product output storage availability; and transportation and distribution systems capacity and use.

(d) Assessments of the risks of supply disruptions, price shocks, or other events and the consequences of these events on the availability and price of transportation fuels and effects on the state's economy.



(e) Evaluation of the potential for needed changes in the state's energy shortage contingency plans to increase production and productivity, improve efficiency of fuel use, increase conservation of resources, and other actions to maintain sufficient, secure, and affordable transportation fuel supplies for the state.

(f) Evaluation of alternative transportation energy scenarios, in the context of least environmental and economic costs, to examine potential effects of alternative fuels usage, vehicle efficiency improvements, and shifts in transportation modes on public health and safety, the economy, resources, the environment, and energy security.

(g) Examination of the success of introduction, prices, and availability of advanced transportation technologies, low- or zero-emission vehicles, and clean-burning transportation fuels, including their potential future contributions to air quality, energy security, and other public interest benefits.

(h) Recommendations to improve the efficiency of transportation energy use, reduce dependence on petroleum fuels, decrease environmental impacts from transportation energy use, and contribute to reducing congestion, promoting economic development, and enhancing energy diversity and security.

25305. The commission shall rely upon forecasting and assessments performed in accordance with Sections 25301 to 25304, inclusive, as the basis for analyzing the success of and developing policy recommendations for public interest energy strategies. Public interest energy strategies include, but are not limited to, achieving energy efficiency and energy conservation; implementing load management; pursuing research, development, demonstration, and commercialization of new technologies; promoting renewable generation technologies; reducing statewide greenhouse gas emissions and addressing the impacts of climate change on California; stimulating California's energy-related business activities to contribute to the state's economy; and protecting and enhancing the environment. Additional assessments to address public interest energy strategies shall include, but are not limited to, all of the following:

(a) Identification of emerging trends in energy efficiency in the residential, commercial, industrial, agricultural, and transportation sectors of the state's economy, including, but not limited to, evaluation of additional achievable energy efficiency measures and technologies. Identification of policies that would permit fuller realization of the potential for energy efficiency, either through direct programmatic actions or facilitation of the market.

(b) Identification of emerging trends in the renewable energy industry. In addition, the commission shall evaluate progress in ensuring



the operation of existing facilities, and the development of new and emerging, in-state renewable resources.

(c) Identification of emerging trends in energy research, development, and demonstration activities that advance science or technology to produce public benefits.

(d) Identification of progress in reducing statewide greenhouse gas emissions and addressing the effects of climate change on California.

25305.5. The commission shall include in its report prepared pursuant to Sections 25301 to 25304, inclusive, a description of international energy market prospects and an evaluation of its export promotion activities, as well as an assessment of the state of the California energy technology and energy conservation industry's efforts to enter foreign markets. The report shall also include recommendations for state government initiatives to foster the California energy technology and energy conservation industry's competition in world markets.

25306. The commission shall conduct workshops, hearings, and other forums to gain the perspectives of the public and market participants for purposes of the integrated energy policy report prepared pursuant to Section 25302 and the forecasting and assessments prepared pursuant to Sections 25301, 25303, 25304, and 25305. The commission shall include the comments, as well as responses to those comments, of governmental agencies, industry representatives, market participants, private groups, and any other person concerning the commission's proposals and recommendations in the docket for the integrated energy policy report.

25307. (a) The Governor shall review the integrated energy policy report prepared pursuant to Section 25302 and shall, on or before 90 days after receipt of the report, report further to the Legislature the Governor's agreement or disagreement with the policy recommendations contained in that report. The Governor's report to the Legislature shall cover the information required to be included in the integrated energy policy report and may cover any additional item that is necessary or appropriate. If the Governor disagrees with one or more recommendations in the integrated energy policy report, the Governor shall, in each instance, indicate the reason for disagreement and shall specify the alternate policy the Governor finds appropriate.

(b) The Governor's report to the Legislature pursuant to this section is the Governor's official statement of energy policy.

25320. (a) The commission shall manage a data collection system for obtaining information necessary to develop the policy reports and analyses required by Sections 25301 to 25307, inclusive, the energy



shortage contingency planning efforts in Chapter 8 (commencing with Section 25700), and to support other duties of the commission.

(b) The data collection system, adopted by regulation under Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code, and managed by the commission shall:

(1) Include a timetable for the submission of this information, so that the integrated energy policy report required by Section 25302 can be completed in an accurate and timely manner.

(2) Require a person to submit only information that is reasonably relevant, and that the person can either be expected to acquire through his or her market activities, or possesses or controls. Information collected pursuant to this section shall relate to the functional role of each category of market participant in that industry and the consumers within that industry.

(3) To the extent it satisfies the information needs of the commission, rely on the use of estimates and proxies, to the maximum extent practicable, for some data elements using survey and research techniques, while for other information it shall obtain data from market participants using submissions consistent with their accounting records. In determining whether to rely upon estimates or participant provided data, the commission shall weigh the burden of compliance upon industry participants and energy consumers against the benefit of participant provided data for the public interest.

(4) To the extent it satisfies the information needs of the commission, rely on data, to the maximum extent practicable, that is reported to other government agencies or is otherwise available to the commission.

(c) Pursuant to the requirements of subdivision (b), the data collection system for electricity and natural gas shall enumerate specific requirements for each category of market participants, including, but not limited to, private market participants, energy service providers, energy service companies, natural gas marketers, electric utility and natural gas utility companies, independent generators, electric transmission entities, natural gas producers, natural gas pipeline operators, importers and exporters of electricity and natural gas, and specialized electric or natural gas system operators. The commission may also collect information about consumers' natural gas and electricity use from their voluntary participation in surveys and other research techniques.

(d) Pursuant to the requirements of subdivision (b), the data collection system for nonpetroleum fuels and transportation technologies shall enumerate specific requirements for each category of market participant, including, but not limited to, fuel importers and exporters, fuel distributors and retailers, fuel pipeline operators, natural gas liquid producers, and transportation technology providers. The



commission may also collect information about consumers' nonpetroleum fuel and transportation technology use from their voluntary participation in surveys and other research techniques.

(e) The commission shall collect data for petroleum fuel pursuant to Chapter 4.5 (commencing with Section 25350). The commission may also collect information about consumers' petroleum fuel use from consumers' participation in surveys and other research techniques.

25321. In order to ensure timely and accurate compliance with the data collection system adopted under Section 25320, the commission may use any of the following enforcement measures:

(a) If any person fails to comply with an applicable provision of the data collection system, the commission shall notify the person. If, after five working days from being notified of the violation, the person continues to fail to comply, the person shall be subject to a civil penalty, to be imposed by the commission after a hearing that complies with constitutional requirements.

(1) The civil penalty shall not be less than five hundred dollars (\$500) nor more than two thousand dollars (\$2,000) for each category of data the person did not provide and for each day the violation has existed and continues to exist.

(2) In the case of a person who willfully makes any false statement, representation, or certification in any record, report, plan, or other document filed with the commission, the civil penalty shall not be less than five hundred dollars (\$500) nor more than two thousand dollars (\$2,000) per day applied to each day in the interval between the original due date and the date when corrected information is submitted.

(b) For the purposes of this section, "person" means, in addition to the definition contained in Section 25116, any responsible corporate officer.

(c) Enforcement measures for petroleum and other fuels shall be those contained in Section 25362.

25322. (a) The data collection system managed pursuant to Section 25320 shall include the following requirements regarding the confidentiality of the information collected by the commission:

(1) Any person required to present information to the commission pursuant to this section may request that specific information be held in confidence. The commission shall grant the request in any of the following circumstances:

(A) The information is exempt from disclosure under the California Public Records Act, Chapter 3.5 (commencing with Section 6250) of Division 7 of Title 1 of the Government Code.

(B) The information satisfies the confidentiality requirements of Article 2 (commencing with Section 2501) of Chapter 7 of Division 2



of Title 20 of the California Code of Regulations, as those regulations existed on January 1, 2002.

(C) On the facts of the particular case, the public interest served by not disclosing the information clearly outweighs the public interest served by disclosure of the information.

(2) The commission may, by regulation, designate certain categories of information as confidential, which removes the obligation to request confidentiality for that information.

(3) Any confidential information pertinent to the responsibilities of the commission specified in this chapter that is obtained by another state agency, or the California Independent System Operator or its successor, shall be available to the commission and shall be treated in a confidential manner.

(4) Information presented to or developed by the commission and deemed confidential pursuant to this section shall be held in confidence by the commission. Confidential information shall be aggregated or masked to the extent necessary to assure confidentiality if public disclosure of the specific information would result in an unfair competitive disadvantage to the person supplying the information.

(b) Requests for records of information shall be handled as follows:

(1) If the commission receives a written request to publicly disclose information that is being held in confidence pursuant to paragraph (1) or (2) of subdivision (a), the commission shall provide the person making the request with written justification for the confidential designation and a description of the process to seek disclosure.

(2) If the commission receives a written request to publicly disclose a disaggregated or unmasked record of information designated as confidential under paragraph (1) or (2) of subdivision (a), notice of the request shall be provided to the person that submitted the record. Upon receipt of the notice, the person that submitted the record may, within five working days of receipt of the notice, provide a written justification of the claim of confidentiality.

(3) The commission or its designee shall rule on a request made pursuant to paragraph (2) on or before 20 working days after its receipt. The commission shall deny the request if the disclosure will result in an unfair competitive disadvantage to the person that submitted the information.

(4) If the commission grants the request pursuant to paragraph (3), it shall withhold disclosure for a reasonable amount of time, not to exceed 14 working days, to allow the submitter of the information to seek judicial review.



(c) No information submitted to the commission pursuant to this section is confidential if the person submitting the information has made it public.

(d) The commission shall establish, maintain, and use appropriate security practices and procedures to ensure that the information it has designated as confidential, or received with a confidential designation from another government agency, is protected against disclosure other than that authorized using the procedures in subdivision (b). The commission shall incorporate the following elements into its security practices and procedures:

(1) Commission employees shall sign a confidential data disclosure agreement providing for various remedies, including, but not limited to, fines and termination for wrongful disclosure of confidential information.

(2) Commission employees, or contract employees of the commission, shall only have access to confidential information when it is appropriate to their job assignments and if they have signed a nondisclosure agreement.

(3) Computer data systems that hold confidential information shall include sufficient security measures to protect the data from inadvertent or wrongful access by unauthorized commission employees and the public.

(e) Data collected by the commission on petroleum fuels in Section 25320 shall be subject to the confidentiality provisions of Sections 25364 to 25366, inclusive.

25323. Nothing in this division shall authorize the commission in the performance of its analytical, planning, siting, or certification responsibilities to mandate a specified supply plan for any utility.

SEC. 3. Section 25401.1 of the Public Resources Code is repealed.

SEC. 4. Section 25553 of the Public Resources Code is repealed.

SEC. 5. Section 25604 of the Public Resources Code is repealed.

SEC. 6. Section 25698 of the Public Resources Code is repealed.

