December, 1985

To The Honorable Anthony Earl, Governor
The Members of the Legislature and
The People of Wisconsin:

I am pleased to present the Public Service Commission's report for the 1983-85 biennium in accordance with the requirements of Wisconsin Statutes.

This report briefly describes important decisions and provides background information on some of the more complex issues facing the commission.

The past biennium has been marked by radical changes in utility industries. The breakup of American Telephone & Telegraph (AT&T) has led to an increase in the number of telecommunications utilities. Changes in energy utility economics have led to serious conservation efforts and prompted utilities to diversify into non-utility businesses. In response to these changes, the commission has conducted investigations into the issues and has ordered the implementation of new and innovative programs that will continue to ensure adequate and reasonably priced utility service for all customers.

Highlights of the biennium include:
• Rate decreases ordered for Wisconsin Electric Power Company, Wisconsin Power & Light and Wisconsin Public Service Corporation.
• Start-up of PSC-ordered Utility Weatherization Assistance Program.
• Implementation of energy conservation measures that will continue to slow growth in demand for electricity, thereby delaying the need for new power plants.
• Development of new programs to deal with the problems of low-income energy users: new Cold Weather Disconnection Rules and Early Identification Program.
• Application of a forward-looking regulatory strategic planning process to energy utility financial issues.
• Certification of new long-distance resellers and other telephone common carriers.
• Investigation into the formation of holding companies by utilities for diversification purposes.

Should you have any questions concerning our programs and services, we welcome your further inquiry.

Sincerely,

Ness Flores
Chairman
Chairman Ness Flores  
1983-1989

Commissioner Branko Terzic  
1981-1987

Commissioner Mary Lou Munts  
1985-1991

Commissioner Stanley York  
1979-1984  
(Chairman 1979-1983)
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APPENDIX A
Rate Actions

APPENDIX B
Other Commission Proceedings
UTILITY REGULATION

PSC Sets Utility Rates, Services

The Public Service Commission (PSC) is an independent regulatory agency that receives its authority and responsibilities from the State Legislature. The commission is responsible for the regulation of 916 public utilities as defined in s. 196.01, Wis. Stats., including those that are municipally owned. The commission's purpose is to ensure that, in the absence of competition, adequate and reasonably priced service is provided to utility customers. The PSC sets utility rates and determines levels for adequate and safe service. Other major responsibilities include the approval, rejection, or modification of the utilities' major construction applications (such as power plants, natural gas pipelines, and water towers and pumps), and the approval of utility stock issuances and bond sales.

The staff, under the direction of the commissioners, also conduct special programs such as research on the cost of providing various utility services or the conservation of natural gas or electricity. The commission's staff include auditors, accountants, engineers, rate analysts, attorneys, planners, research analysts, economists, consumer specialists, court reporters and paraprofessional and clerical support.

Typical types of utilities regulated include electric, natural gas, telephone, water and combined water and sewer. In Wisconsin, most activities of the 20 electric cooperatives as well as cable television are not under the jurisdiction of the PSC. Furthermore, fuel oil, propane, coal and gasoline are energy sources not under the commission's jurisdiction.

PSC Regulates 916 Utilities

As of June 30, 1985, the PSC's regulatory powers and duties included the rates and services of:

96 electric utilities (83 are municipal)
16 gas distribution utilities (1 is municipal)
2 heating utilities (1 is municipal)
100 telephone utilities
24 long-distance resellers
6 long-distance companies
1 rural telephone-switching company
23 radio common carriers
554 water utilities (541 are municipal)
92 sewer utilities (91 are municipal)
916 utilities
Changes in Energy Utility Economics Prompt Diversification Efforts

In order to understand the financial position of Wisconsin's energy utilities, it is necessary to mention the radical changes that occurred in utility industry economics during the 1970's. Prior to the 70's, real electricity prices declined as older power plants became more efficient and the demand for energy steadily increased. But suddenly, new plants could not deliver the economies of scale that were expected. The Arab oil embargo upset the entire energy world. Concern over the environmental impact of conventional power plants grew as did opposition to nuclear energy. Finally, safety restrictions forced on the industry, spurred by the 1979 accident at Three Mile Island, added greatly to the cost of nuclear plants. Likewise, stricter environmental controls increased the cost of coal-fired plants.

As prices increased, demand for electricity slowed and the risk of building a large plant often became more than a single company could bear. Now, regulatory agencies and even many utilities promote conservation and load management as better investments than building a new power plant.

Regulatory Strategic Planning

In response to these changes in utility economics, the PSC implemented a strategic planning process to help anticipate problems and reduce reactive decision-making. In the mid-1970's, the PSC began to use this forward-looking strategy to deal with construction plans and environmental issues. Strategic planning is now being applied to utility financial issues.

By setting goals for utility and commission operations, identifying issues, examining alternatives, implementing appropriate actions in a timely manner and measuring the results of these policies, the PSC hopes to reduce foreseeable risk and uncertainty in the energy utility industry and, consequently, better serve the public interest. Planning by the commission complements the long-range plans of utility management.

Since Wisconsin's energy utilities do not have to build new power plants in the near future, they have more funds than they need to reinvest in their own business. Allowing these earnings to be retained by the utilities would result in excessive levels of common equity, imposing unacceptable costs on ratepayers. Therefore, the PSC has specifically tried to apply strategic planning to the issue of energy utility capital structure.

Utility Capital Structure

A utility's capital structure is composed of debt and equity. Mortgage bonds (long-term debt) and rates payable (short-term debt) are forms of debt, while common and preferred stock make up equity. A certain amount of common equity is necessary to ensure the utility's financial stability. However, because common equity is the most expensive source of capital, there is a level of equity above which the cost to ratepayers exceeds any demonstrable benefit. During the past biennium, the commission determined that a common equity level of approximately 15% results in reasonable cost to ratepayers. Staff is currently working with energy utilities to achieve that composition.

Ways to reduce common equity include buying back common stock, increasing the cash dividend paid to stockholders or diversifying. However, buying back stock whose market price is currently above its book value would result in an earnings dilution and is unappealing to stockholders. Higher cash dividends would mean greater tax liability to investors. Some are diversification—taking excess shareholder money out of the utility and investing it in another area—as the most favorable method for reducing a utility's common equity since it would attempt to increase the value of the business and could stimulate economic development in Wisconsin.

Financial Forecasts

As part of the application of regulatory strategic planning to utility financial issues, the PSC now requires major Wisconsin energy utilities to submit ten-year forecasts of their key financial variables in annual rate case filings. These variables include source and use of funds, equity ratios and external financing plans. These forecasts will help the PSC ensure adequate capitalization for future needs while identifying retained earnings which could be used for non-utility investment.

Now, Wisconsin utilities have increased stability to pursue innovative programs in the areas of conservation, customer service, weatherization and alternative energy use. However, higher than expected
growth in the demand for electricity would in legislation that might require expensive emissions control measures. Costly repairs to nuclear plants or another energy crisis could upset the utilities' strong cash position.

**Holding Company Law**

During an October 1985 special session on economic development, the Legislature passed a bill allowing utilities to form holding companies in order to diversify into non-utility businesses. Legislators, utility representatives, the commission and other groups participated in writing the bill. The new law, s. 196.795, requires the PSC to examine utility requests to recognize into holding companies and report periodically to the Legislature on the impact of diversification activities. For electric utilities, the law limits investment in outside ventures to an amount equal to 25% of total assets.

Some gas and telephone utilities have already formed holding companies, so the PSC has been investigating its authority to control utility reorganization. Wisconsin Gas Company formed WICOR in 1980. North-West Telecommunications, Peoples Telephone Company and Northeast Telephone Company have also reorganized without prior PSC approval. Noting the new law, the commission closed out its investigation in December, 1986.

**Conditions Set For Promotional Use of Ratepayer Money**

In March 1985, the commission eased its restrictions on the use of ratepayer funds for promotional efforts by the state's electric utilities. The ruling came in reply to utility requests in connection with their current efforts to promote economic development in the state.

The commission ruled that utilities may use ratepayer money for promotions to seek new industrial customers if the utilities can show that the extra growth and demand for power would not raise costs to customers. A 1984 environmental impact statement prepared by PSC staff found that costs would not rise if the increased sales take place for only a few years and then stop, or if they are limited to off-peak hours.

Electric utilities may use stockholder money to promote Wisconsin industry as they wish.

**Electric Rates Reduced**

During the past biennium, the PSC found itself in the enviable position of being able to reduce some electric utilities' rates. Wisconsin Electric Power Company, Wisconsin Power and Light Company and Wisconsin Public Service Corporation had rate decreases.

Wise regulation and sound management, in addition to reductions in interest costs and inflation, account for Wisconsin's stable or declining rates.

Due to the commission's emphasis on conservation, as well as a slowdown in the historic rate of growth in demand for electricity, construction of conventional power plants has been delayed. Also, Wisconsin utilities did not overextend themselves in building nuclear plants, as so many other states have. Previous commission actions required utilities to withdraw from two proposed nuclear plant projects. As a result, Wisconsin has avoided the high construction costs and problems of rapidly increasing rates that other states' utilities now face.

In 1978, the PSC placed a moratorium on the planning or application for new nuclear plants until reasonable progress was made in resolving waste disposal, fuel supply and decommissioning issues. In 1984, the Legislature reinforced the PSC's policy by making the moratorium law.
### Electric Rate Cases
(Class A investor-owned utilities)

<table>
<thead>
<tr>
<th>Docket</th>
<th>Utility</th>
<th>Requested</th>
<th>Granted</th>
<th>Final Order</th>
<th>% Increase (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3270-UR-12</td>
<td>Madison Gas &amp; Electric Co.</td>
<td>$20,187,000</td>
<td>$3,216,000</td>
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<td>223,000</td>
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<tr>
<td>4259-UR-4</td>
<td>Northern States Power Co.</td>
<td>7,513,000</td>
<td>5,248,000</td>
<td>07/19/83</td>
<td>1%</td>
</tr>
<tr>
<td>5620-UR-12</td>
<td>Superior Water, Light &amp; Power Co.</td>
<td>1,400,885</td>
<td>1,125,787</td>
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<tr>
<td>6630-ER-16</td>
<td>Wis. Electric Power Co.</td>
<td>-1,090,000</td>
<td>-20,550,000</td>
<td>12/22/83</td>
<td>2%</td>
</tr>
<tr>
<td>6630-ER-19</td>
<td>Wis. Electric Power Co.</td>
<td>5,100,000</td>
<td>24,800,000</td>
<td>01/03/85</td>
<td>3%</td>
</tr>
<tr>
<td>6660-UR-13</td>
<td>Wis. Power &amp; Light Co.</td>
<td>8,800,000</td>
<td>5,678,000</td>
<td>08/30/83</td>
<td>2%</td>
</tr>
<tr>
<td>6680-UR-14</td>
<td>Wis. Power &amp; Light Co.</td>
<td>13,900,000</td>
<td>-14,404,000</td>
<td>10/99/84</td>
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<td>6990-UR-20</td>
<td>Wis. Public Service Corp.</td>
<td>21,049,000</td>
<td>-1,077,000</td>
<td>01/31/85</td>
<td>3%</td>
</tr>
</tbody>
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### Investigation of Nuclear Decommissioning Financing Reopened

In spring 1985, the commission reopened its investigation of methods to finance the decommissioning of nuclear plants. Several changes took place since the commission's last order in this matter, requiring further review. The federal tax law on decommissioning changes, utilities reported that no nuclear decommissioning insurance was available, the estimated cost of taking a nuclear plant out of service had increased, and, finally, the commission wanted to apply regulatory strategic planning—a process that helps anticipate problems and reduce reactive decision-making—to the issue of nuclear decommissioning financing.

The utilities have already collected, and will continue to collect, money from ratepayers for the purpose of decommissioning. The PSC must decide how utilities can use that money until it is actually needed for dismantling a nuclear plant.

In fall 1985, the commission required utilities with nuclear plants to place all present and future nuclear decommissioning funds into an external trust fund. Previously, utilities could use the money as they wished until it was needed for decommissioning. The commission closed the external fund method to ensure that the money will be available when it is necessary to take a plant out of service.

Wisconsin has three nuclear sites: Point Beach Nuclear Units I and II, owned by Wisconsin Electric Power Company; Kewaunee Nuclear Plant, owned jointly by Wisconsin Public Service Corporation, Madison Gas and Electric, and Wisconsin Power and Light; and the small Genesee plant owned by Dairyland Power Cooperative. The Genesee plant, however, is not under PSC regulation.
PSC Developed New Fuel Cost Forecasting Method

The PSC developed an alternative method for treating fuel costs in electric utility rate cases to replace the fuel adjustment clause. The Legislature mandated the elimination of the fuel adjustment clause, effective January 1, 1984. Under this clause, utilities had been able to raise and lower rates each month to reflect changes in the cost of fuel and power purchased from other utilities. Using the new plan, a fuel cost range is determined for each utility. This mechanism requires that a utility's fuel cost vary by more than 10% in one month or 3% in one year before it can apply to the PSC for rate review. If fuel costs go down and, as a result, a utility overcollects for fuel expense in rates, the commission would initiate a rate review.

PSC Backs Sulfur Dioxide Emissions Limits

The PSC, in conjunction with the Department of Natural Resources and the Department of Administration, evaluated the cost to utilities to reduce sulfur dioxide emissions from existing coal-fired power plants to the DNR's proposed limit of 3.2 pounds per million Btu's of energy input. Sulfur dioxide is a component of acid rain which has been blamed for damage to Wisconsin forests and lakes. Power companies objected that the tougher standard would be too expensive to comply with, costing utility customers millions of dollars each year. PSC staff estimates of costs to consumers were lower than utility estimates. The commission concluded, however, that whether the utility or PSC staff cost estimates were correct, the cost was not significant compared to the benefit of a cleaner environment. The PSC is also completing an acid deposition study and providing staff support to two acid rain-related committees created by the Legislature.

New Electric Extension Rules Implemented

New electric extension rules for the largest investor-owned utilities went into effect in 1982. In 1984, the commission established administrative rules applying the extension guidelines uniformly to all electric utilities. They were reviewed by the Legislature and became effective December, 1984. By the end of 1985, the commission will have implemented the new rules for all small investor-owned and municipal utilities.

The 1982 rules essentially required all customers requesting a new extension of service to pay the full distribution-related cost of such construction, less the average embedded costs collected through monthly rates of existing customers. Modifications to these rules, included in the new administrative rules, now require utilities to provide standard overhead service drops, underground service laterals and transformers at no charge to customers.

New Power Plants Added

Two new power plants began operations in 1985. Edgewater Unit 5, with a generating capacity of 380 megawatts (MW), owned jointly by Wisconsin Power & Light and Wisconsin Electric Power Company (WEPCO), went on line March 1. Pleasant Prairie Unit 2, owned by WEPCO, has the capacity to provide 580 MW of electricity and began operating July 1.

PSC Develops Performance Indicator Project

During the biennium, the PSC directed the development and implementation of a system called the Performance Indicator Project to measure and monitor the overall performance of major gas and electric utilities. A broad range of operating ratios—number of utility employees to customers, for example—is reviewed and compared with state averages in order to spot trends that may signal problems. In the future, the commission may be able to use these analyses in rate cases to gauge a utility's productivity against the rates it charges customers.
**ELECTRIC AND GAS Continued**

**PSC Participated in FERC Pipeline Rate Cases**

The Wisconsin PSC, along with 11 other state commissions, intervened in natural gas pipeline rate cases before the Federal Energy Regulatory Commission (FERC) in an effort to reduce natural gas prices. The PSC and other states convinced FERC to limit take-or-pay provisions in contracts between natural gas producers and pipeline companies because high take-or-pay provisions force pipelines to purchase natural gas at above-market prices.

The pipeline rate cases resulted in flat wholesale prices or actual decreases. At the retail level this action meant minimal increases or decreases, such as the May 1985 rate change in which residential rates fell 3 to 6 percent.

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### Natural Gas Rate Cases

(Class A investor-owned utilities)

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<tr>
<th>Docket</th>
<th>Utility</th>
<th>Requested</th>
<th>Granted</th>
<th>Final Order</th>
<th>% Increase (Decrease)</th>
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<tr>
<td>3029-GR-17</td>
<td>Lake Superior District Power Company</td>
<td>$607,800</td>
<td>$557,700</td>
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<td>3270-UR-12</td>
<td>Madison Gas &amp; Electric Co.</td>
<td>3,368,000</td>
<td>302,000</td>
<td>02/28/84</td>
<td>(3)</td>
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<td>3270-UR-13</td>
<td>Madison Gas &amp; Electric Co.</td>
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<td>4220-UR-4</td>
<td>Northern States Power Co.</td>
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<td>5820-UR-12</td>
<td>Superior Water, Light &amp; Power Company</td>
<td>581,757</td>
<td>268,653</td>
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<td>6640-GR-10</td>
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<td>6650-GR-18</td>
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<td>(2)</td>
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<td>6670-GK-10</td>
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<td>5,790,000</td>
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<td>6670-GR-11</td>
<td>Wis. Natural Gas Co.</td>
<td>7,320,000</td>
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<td>6680-UR-13</td>
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<td>3,379,000</td>
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<td>3,500,000</td>
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<td>6710-GR-10</td>
<td>Wis. Southern Gas Co.</td>
<td>1,684,672</td>
<td>633,981</td>
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<td>6710-GR-11</td>
<td>Wis. Southern Gas Co.</td>
<td>3,800,000</td>
<td>1,311,414</td>
<td>10/02/84</td>
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</table>
Utilities Must File Long-Range Plans With PSC

The Power Plant Siting Law (s. 196.491, Wis. Stats.) and the Public Service Commission’s administrative rules (Chapter PSC 111, Wis. Adm. Code) require the major electric utilities serving Wisconsin to submit long-range advance plans to the PSC every two years.

The plans give 10-year forecasts of electricity usage and detail construction plans to meet the predicted energy needs. Discussions of utility research and customer service programs in the areas of conservation and load management are also included.

After the advance plans have been filed, PSC staff prepare an assessment of the plans. The utility’s plans and the PSC’s assessment are available through public libraries.

Next, public hearings are conducted. Written comments may be sent to the commission and are considered along with testimony given on the record at the hearing. Upon examination of the record and written comments, the commission will issue an order either approving or modifying the utility’s plans. The plans must provide for an adequate supply of electrical energy, protect the public interest, coordinate utility plans with those of other agencies and include programs that discourage inefficient and excessive power use.

Advance Plan IV: Conservation Delays Need for New Power Plants

The major Wisconsin electric utilities submitted their fourth advance plans to the PSC in June 1984. Hearings on Advance Plan IV began in late 1984 and continue through fall 1985. The commission expects to issue its order sometime in early 1986.

The utilities’ Advance Plan IV forecasts of Wisconsin’s future electrical needs show a continuing trend of lower growth rates. Recently implemented conservation measures have significantly reduced the demand for electricity from earlier forecasted levels and have resulted in delaying the need for new power plants. According to the utilities’ plan, the first conventional coal-fired power plant in western Wisconsin is projected to be completed in 1996. Eastern Wisconsin won’t need a new plant until 1998.

The commission’s Alternative Electric Power Supply Study suggests, however, that no additional generating plants will be necessary before the end of this century.

The Advance Plan III order, issued in May 1983, required utilities to emphasize conservation and renewable resources in their long-range electricity supply plans. As a result, utilities have successfully promoted residential use of conservation measures like water heater blankets and low-flow shower heads. The effects of additional energy conservation and use of renewable resources are being examined in Advance Plan IV.

An Alternative Electric Power Supply Study Update, completed in January 1984 by PSC staff, showed there is still room for more residential conservation. The largest potential for energy savings, however, lies in the commercial and industrial sectors. Staff will continue to gather data needed to determine exactly how commercial and industrial energy savings can be achieved.

PSC Studies Western Wisconsin Transmission Plans and Possible Purchase of Canadian Hydropower

Other issues in the Advance Plan IV proceeding are transmission needs for western Wisconsin and buying energy from Manitoba Hydro, a major Canadian utility. The Advance Plan III order required the western Wisconsin utilities to refine their transmission plans. Using information from a transmission planning study conducted jointly by the utilities, the commission, and Badger Safe Energy Alliance, a new plan was prepared. This transmission plan represented new levels of detail in system study and unprecedented involvement by intervenors and PSC staff. The commission approved the plan in June 1985.

The utilities’ proposal to buy power from Manitoba Hydro is being considered by the commission as an alternative to building a new power plant in Wisconsin. This proposal, however, would involve the construction of a major new extrahigh voltage transmission line from Manitoba to Wisconsin. More hearings will be held to determine the advisability of the project.
PSC Orders Utility Weatherization Assistance Program

In April 1982, the PSC directed the state's ten largest gas and electric utilities to provide weatherization assistance to low-income customers. The goal of the Utility Weatherization Assistance Program is to make utility bills more manageable for low-income customers by reducing household energy use. As part of this order, gas utilities are required to spend at least .2% of their annual revenues on weatherization materials and labor. Electric utilities must spend .1%. Significant numbers of homes began receiving weatherization services in 1983. During the period January 1983-July 1985, 12,000 homes were weatherized by the Utility Weatherization Assistance Program at an average cost of $1,600 each. All utility weatherization measures must pay for themselves in five years or less.

In July 1983, a legislative oversight committee approved a rule expanding the PSC's spending order to utilities. The new rule requires utilities to use at least .5% of their annual earnings for conservation activities.

Utility Conservation Programs Expand

During the biennium, the major Wisconsin gas and electric utilities continued to expand their programs for promoting energy conservation. As shown in the chart below, 1984 expenditures reached over $28 million, an increase of almost $10 million over 1983. Expected expenditures for 1985 exceed $30 million.

Energy Conservation Expenditures By Program

- Other
- Farm
- Industrial
- Commercial
- Rental Living Unit
- Utility Weatherization Assistance Program
- Residential

<table>
<thead>
<tr>
<th>Year</th>
<th>Other</th>
<th>Farm</th>
<th>Industrial</th>
<th>Commercial</th>
<th>Rental Living Unit</th>
<th>Utility Weatherization Assistance Program</th>
<th>Residential</th>
</tr>
</thead>
<tbody>
<tr>
<td>1983</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1984</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Weatherization Energy Savings Evaluated

The PSC staff recently completed the first phase of a study to determine energy savings achieved by the Utility Weatherization Assistance Program. Those who participated in the evaluation saved 18-20% on utility bills. The second phase of the study will indicate which weatherization measures resulted in greater savings. First indications show that furnace replacements and modifications as well as sidewall insulation delivered highest savings.

Wisconsin Gets Federal Weatherization Funds

In September 1983, the PSC began administering the federal Solar Energy and Energy Conservation Bank Program (Solar Bank). Solar Bank funds are allocated to utilities to be used in combination with the PSC-ordered low-income weatherization funds. In 1985, Wisconsin received the third largest grant in the country and leads the nation in numbers of people receiving Solar Bank assistance. By the end of this biennium, the PSC had distributed $2.6 million.

PSC Wins Conservation Awards

In 1984, the PSC received two awards for its Utility Weatherization Assistance Program: the National Energy Innovators Award from the U.S. Department of Energy and one of ten Governor's Awards for Energy Innovation.

<table>
<thead>
<tr>
<th>Year</th>
<th>Single Family Dwellings</th>
<th>Multi-Family Rental Dwellings</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-Dec. 1983</td>
<td>2,386</td>
<td>315</td>
<td>2,700</td>
</tr>
<tr>
<td>Jan-Dec. 1984</td>
<td>4,250</td>
<td>850</td>
<td>5,100</td>
</tr>
<tr>
<td>Jan-July, 1985</td>
<td>4,000</td>
<td>500</td>
<td>4,500</td>
</tr>
<tr>
<td></td>
<td>10,638</td>
<td>1,362</td>
<td>12,000</td>
</tr>
</tbody>
</table>

Single family homes were weatherized at an average cost of $1,800 each, while multi-family dwellings were weatherized at an average cost of $800 per unit.
New Initiatives in Energy Assistance For Low-Income Customers

The PSC, for more than a decade, has dealt with the energy hardships low-income energy users face. During the past biennium, several new initiatives were added.

Cold Weather Disconnection Rules

In 1984, the PSC strengthened the winter moratorium on utility service disconnection for unpaid bills, ordered in 1973, by adopting new, more stringent regulations. The new rules require utilities to take certain steps to ensure that disconnection of service won't endanger human health or life. Additional procedures for notifying social service agencies and police departments prior to disconnection, instead of afterward, were also defined.

Fall Service Restoration Effort

The number of households without utility service at the beginning of the heating season had grown from approximately 600 in 1974 to more than 11,000 in 1984. To combat this situation, the PSC now requires that utilities, with the help of local public and private social service agencies and police departments, make extensive efforts to contact all disconnected customers so that service can be restored before cold weather sets in.

Early Identification Program

The PSC asked Wisconsin’s eleven largest gas and electric utilities to establish Early Identification Programs to identify customers who may have difficulty paying their bills. The utilities often refer these people to an appropriate agency for weatherization assistance, counseling or other help. By dealing with problems in their beginning stages, the commission hopes to prevent difficulties from becoming crises for customers and utilities.

Interagency-Utility Conferences

The success of the above-mentioned initiatives depends on communication between utilities, public and private social service agencies, law enforcement and PSC staff. To foster cooperation among these groups, the commission directed the utilities to begin annual interagency-utility conferences. In 1984, seven such conferences were held throughout Wisconsin, attracting more than 1,200 people. Twenty-one conferences were planned for 1985 and are expected to bring together about 2,000 public and private agency and utility representatives.

First indications show the new Cold Weather Disconnection Rules, Fall Service Restoration Effort and Early Identification Programs so be effective in helping the immediate energy crisis of low-income customers. However, the commission is looking toward longer term measures from a statewide ad hoc Low-Income Energy Task Force.

Low-Income Energy Task Force Recommendations

The ad hoc Low-Income Energy Task Force was formed in January 1985 by a coalition of citizen groups, utilities, fuel suppliers and government agencies, including the PSC. The task force’s goal is to develop a comprehensive plan for dealing with the problems low-income energy users face. In April 1985, the task force issued initial recommendations to improve and strengthen existing weatherization efforts of utilities, the PSC, Department of Health and Social Services and other community agencies.

Some of the recommendations urge new legislation or additional public funds. Most, however, can be implemented by utilities as part of the PSC-ordered Utility Weatherization Assistance and Early Identification Programs.

As a result of the task force’s coordination recommendations, the PSC will instruct large utilities to take steps to ensure coordination between utility, DHSS energy assistance programs and other local efforts.

A major task force recommendation to the Legislature was included in the state’s 1985-87 biennial budget requiring the Department of Administration to develop long-range, coordinated plans for a comprehensive statewide approach to resolving the energy crises facing low-income households.

Early in 1986 the task force will complete recommendations on an improved energy assistance program for low-income families.

Weatherization Plans For Rental Properties

An estimate by commission staff shows that there are approximately 142,000 multi-family rental
properties remaining to receive weatherization in Wisconsin. At the current rate, it would take 95 years to weatherize those dwellings.

The PSC staff has been studying ways to meet the challenge rental housing presents and has developed a third-party-financing, shared-savings proposal for master-metered, large rental structures. The utility would pay for all weatherization measures and then split the savings in utility bills with the customer. As each energy utility files its next rate case, the commission will decide whether to implement this proposal to augment existing conservation programs.

PSC Mediates Consumer Problems With Utilities

The PSC’s Consumer Services Bureau (CSB) employs a number of consumer specialists to aid consumers in dealing with their utilities. During the biennium, the bureau handled almost 8,500 complaints.

The CSB can mediate most problems a customer may be having with a utility—bill disputes are a common example—if the utility and the customer have not been able to correct the situation on their own.

The PSC has the responsibility to see that electric, natural gas, telephone and water utilities work with customers in accordance with prescribed rules.

<table>
<thead>
<tr>
<th>Utility Type</th>
<th>No. of Complaints</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas</td>
<td>3,234</td>
<td>41</td>
</tr>
<tr>
<td>Telephone</td>
<td>2,162</td>
<td>27</td>
</tr>
<tr>
<td>Electric</td>
<td>1,859</td>
<td>24</td>
</tr>
<tr>
<td>Combined Gas &amp; Electric</td>
<td>389</td>
<td>5</td>
</tr>
<tr>
<td>Combined Water &amp; Sewer</td>
<td>189</td>
<td>2</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>58</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7,882</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>
PSC Participated in Reorganization of AT&T

The United States telephone industry has been dominated by American Telephone and Telegraph Company (AT&T) since its inception over 100 years ago. During the past 30 years, technological advances and several legal challenges have changed the telecommunications industry, threatening AT&T's dominant position.

As a result of the 1982 settlement of an anti-trust suit brought against AT&T by the U.S. Justice Department, AT&T agreed to reorganize and divest itself of the 22 Bell operating companies (BOCs). Western Electric and parts of Bell Laboratories. This reorganization and divestiture became effective January 1, 1984.

The PSC participated with other state commissions in litigation over the Federal Court's "Modification of Final Judgment." The consent decree that forced the breakup of AT&T (552 F. Supp. 131 (D.D.C. 1982), Aff'd sub nom. Maryland v. United States, 103 S Ct. 1240 (1983)). The state commissions succeeded in preserving as much state jurisdiction as possible over telephone service and in opposing transfers of activities from the BOC's to AT&T that would have meant greater increases in local rates. For example, the BOC's were able to retain Yellow Pages revenues, and that money can be used to hold down the charge to customers for local phone service.

AT&T's plan for reorganization, modified by the court, required seven regional holding companies to be formed from the 22 BOC's. These holding companies provide various telephone services, and upon approval of the supervising federal court may also invest in other activities through fully separate subsidiaries.

American Information Technologies, Inc (AMERITECH) is the Great Lakes Region's holding company, comprised of five BOC's covering Illinois, Indiana, Michigan, Ohio and Wisconsin. Each BOC remains subject to the regulation of its state utility commission, however, the commissions are participating in a cooperative effort to monitor the flow of money between Ameritech and the Bell companies.

Local exchange service continues to be a regulated monopoly. Although long-distance transmission and sales of customer premises telephone equipment had been open to competition, the breakup of AT&T facilitated the entry of new companies into these markets. The divested BOC's are restricted to providing service within local access and transport areas (LATA's) and to providing local interconnection to long-distance carriers. AT&T Communications (ATTCOM), other common carriers and resellers assured the long-distance service between Wisconsin's four LATA's previously provided by AT&T.

PSC Sets Wisconsin Bell's Rates, Orders Refunds

As ordered by the Modified Final Judgment, Wisconsin Bell (formerly Wisconsin Telephone), was separated from AT&T, January 1, 1984 and became part of AMERITECH. To prepare for the change in intra-state telephone service, the commission established a staff team to review the assignment and valuation of assets to be divided between AT&T and Wisconsin Bell.

In setting rates for the new Wisconsin Bell, the PSC split the financial burden of the breakup equitably between Bell and its 1.3 million customers. The PSC granted about half the increase the company wanted. The commission also set rates for AT&T Communications of Wisconsin (ATTCOM) applicable to long-distance calls between Wisconsin's four LATA's. Prior to divestiture the equipment and personnel providing these services were part of Wisconsin Telephone and AT&T Long Lines division.

Since the establishment of those rates, the commission has continued to review Wisconsin Bell's earnings and, in fact, has ordered two rate refunds and one rate reduction.
### Telephone Rate Cases

<table>
<thead>
<tr>
<th>Docket</th>
<th>Utility</th>
<th>Requested</th>
<th>Granted</th>
<th>Final Order</th>
<th>% Increase (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6720-TR-36</td>
<td>Wis. Tel. Co.</td>
<td>$102,263,000</td>
<td>—</td>
<td>12/2003</td>
<td>15</td>
</tr>
<tr>
<td>6720-TI-3</td>
<td>Wis. Bell, Inc.</td>
<td>—</td>
<td>-23,160,000</td>
<td>12/18/86</td>
<td>(3)</td>
</tr>
<tr>
<td>2180-TR-17</td>
<td>Gen. Tel. Co. of</td>
<td>26,250,000</td>
<td>1,242,000</td>
<td>11/20/83</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Wisconsin</td>
<td></td>
<td>—</td>
<td>08/20/84</td>
<td></td>
</tr>
<tr>
<td>4260-TR-9</td>
<td>North-West Tel. Co.</td>
<td>—</td>
<td>2,135,000</td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

### PSC Regulates Long-Distance Resellers

Decisions by the Federal Communications Commission (FCC) and the courts, and technological advances in switching and transmission have resulted in competition within the long-distance market. One telephone utility no longer enjoys a monopoly on interchange services. By permitting the resale of interstate long-distance services, the FCC created a new industry. Consequently, the PSC opened an investigation of resale on the intrastate level.

In its June 1983 order, the commission authorized resale of intrastate toll service, but determined that resellers—companies that buy long-distance time from existing telephone utilities to sell to consumers—were public utilities and, therefore, subject to regulation. However, the PSC decided to exercise less than full traditional regulation of resellers. In order to be certified, resellers had to file a letter of intent to serve, including descriptions of services offered and customers served. The commission did not require resellers to file rates, relying on market forces to ensure reasonable and just prices.

After further investigation, however, the commission determined that Wisconsin Statutes required additional regulation of resellers. The primary change requires resellers to file tariffs with their letters of intent and makes the filed rates and any change in rates subject to PSC approval.

To date, 28 resellers have been certified in Wisconsin, five of which are also local telephone companies. There are three facility-based other common carriers (CCCs) authorized to provide intrastate toll service in Wisconsin: MCI Telecommunications Corporation, GTE Sprint Communications Corporation and Western Union.

### Access Charges to Long-Distance Companies Set

As a result of the court-ordered breakup of American Telephone & Telegraph Company (AT&T), the PSC implemented a system of access charges for long-distance carriers. Resellers, AT&T, and other common carriers (CCCs) must pay local telephone companies for providing local interconnection.

The investigation was divided into three parts. Part A established short-term access charges that mostly mirrored the Federal Communications Commission’s (FCC) tariffs for interstate service. The charges, effective January 1, 1984, were later modified to reflect changes in the FCC’s access charge structure.

Part B examined the long-term questions regarding local carrier compensation, cost allocations and access service rate design. As a result of this investigation, the PSC changed its inter-LATA access charges in November 1985, replacing the previous usage sensitive carrier common site charge with a flat-rate capacity charge. In order to set future access charges, the PSC will begin studies of state-specific costs and bypass—the use of alternative facilities to avoid access charges. Besides the flat capacity charge, however, current Wisconsin rates, in
major part, continue to mirror the FCC-established charges.
Part C dealt with the use of Extended Area Service (EAS) facilities for transmission of long-distance calls by resellers and OCC's. It also determined how much local telephone companies should be compensated for any revenues lost from OCC's carrying unauthorized toll calls within LATA's.

Private Pay Phones Get PSC OK

In August 1985, the commission approved non-utility ownership of pay telephones. The action was prompted by a 1984 Federal Communications Commission (FCC) decision to allow private businesses and individuals to interconnect their coin-operated phones to the interstate long-distance network. Each state had to decide whether or not to allow use of these phones for in-state calls.

In Wisconsin, pay phone owners will not be allowed to charge more than the local telephone company for a local call. To ensure that local rates are not forced to rise as a result of customer ownership of pay phones, the commission asked utilities to file proposed rates for interconnection of these phones that will be sufficient to cover potential lost revenue. Rates are expected to be filed and approved by the end of 1985.

In November 1985, the commission reopened this case to review rates and restrictions it had placed on toll calling and private pay phones that accept only one type of coin.

New Law Streamlines Small Telephone Company Rate Cases

The PSC participated in developing legislation to expedite the rate review process for telephone companies having fewer than 7,500 customers. The new law, s. 196.20(5) Wis. Stats., affects 86 telephone companies in Wisconsin, serving about 186,000 customers.

The commission must now act on the small telephone company's application within 129 days of its filing. Previously, there was no time limit.

The utilities still must apply to the commission for a rate increase and provide information on revenues, expenses and forecasts. The company also has to notify its customers of the pending rate case, giving them an opportunity to request a hearing. If there is a hearing, the PSC has 186 days to act on the petition.

PSC staff developed new administrative rules for implementing the law and effectively handled seven such rate cases. In each of the seven, the commission determined that the utility did not need an increase as large as requested.

<table>
<thead>
<tr>
<th>Docket Number</th>
<th>Utility</th>
<th>Application Submitted</th>
<th>Notice Sent To Customers</th>
<th>Final Order</th>
<th>Requested</th>
<th>Granted</th>
</tr>
</thead>
<tbody>
<tr>
<td>3310-TR-3</td>
<td>Manawa Telephone Co.</td>
<td>06/18/84</td>
<td>08/31/84</td>
<td>12/13/84</td>
<td>$30,500</td>
<td>$12,000</td>
</tr>
<tr>
<td>2390-TR-100</td>
<td>Greenwood Tel. Co.</td>
<td>07/20/84</td>
<td>08/03/84</td>
<td>12/20/84</td>
<td>62,000</td>
<td>61,000</td>
</tr>
<tr>
<td>3970-TR-100</td>
<td>Mt. Vernon Tel. Co.</td>
<td>07/20/84</td>
<td>08/30/84</td>
<td>12/20/84</td>
<td>126,000</td>
<td>102,700</td>
</tr>
<tr>
<td>5710-TR-100</td>
<td>Stockbridge &amp; Sherwood</td>
<td>07/20/84</td>
<td>08/30/84</td>
<td>12/20/84</td>
<td>90,000</td>
<td>59,593</td>
</tr>
<tr>
<td>1970-TR-100</td>
<td>Fennimore Telephone Co.</td>
<td>07/20/84</td>
<td>08/30/84</td>
<td>12/20/84</td>
<td>28,000</td>
<td>4,112</td>
</tr>
<tr>
<td>1410-TR-3</td>
<td>Crandon Telephone Co.</td>
<td>11/14/84</td>
<td>04/30/85</td>
<td>04/30/85</td>
<td>72,400</td>
<td>68,300</td>
</tr>
<tr>
<td>0250-TR-100</td>
<td>Waunakee Telephone Co.</td>
<td>01/15/85</td>
<td>02/12/85</td>
<td>06/11/85</td>
<td>77,000</td>
<td>41,423</td>
</tr>
</tbody>
</table>
Local Measured Service Proposals Rejected

During the biennium, the PSC denied Wisconsin Bell's and General Telephone's applications for multi-element Local Measured Service (LMS). LMS refers to the method of charging for local calls based on four elements: number of calls, duration, distance and time of day. A flat monthly rate for access to the network could also be included.

The commission rejected Bell's proposal in December 1983, saying Bell failed to prove that optional LMS would offer greater customer or telephone system benefits than flat rates or its current per call rate.

In May 1984, the commission rejected General Telephone's request to test LMS in eight of its 192 exchanges. The PSC denied the experiment because it would not have provided enough information about permanent implementation of LMS.

New Extended Area Service Rules Set

The commission established new rules for reviewing requests for Extended Area Service (EAS), effective August 1, 1983. EAS allows telephone customers to call between exchanges without long-distance charges.

Since 1972, no new EAS arrangements have been approved by the commission because investigations uniformly showed that cost of service exceeded benefits. Rather than continue the arduous case-by-case consideration of EAS requests, which imposes costs, long delays and uncertainties on all parties involved, the commission decided to establish general criteria under which EAS requests would be reviewed.

The new rules require that before a public hearing can be held, a petition signed by a significant percentage of the customers in an exchange requesting EAS must be filed, a study of calling volume and costs must be conducted by the affected companies, and customers must be surveyed to determine their willingness to pay for the service.

These measures prevent costly investigation from continuing if customer interest and current toll usage show that EAS is unlikely to be found in the public interest.

PSC Opposed FCC Subscriber Line Charge and Depreciation Rates

The Federal Communications Commission (FCC) authorized a $1.00 monthly charge on residential customers' phone bills and a $6.00 per month charge for most business customers, effective June 1985 and May 1984 respectively.

The FCC approved the charge in an effort to discourage major telephone customers from bypassing the local telephone company by installing their own lines to their long-distance carrier.

In 1984, the PSC tried to stop the subscriber line charge by challenging the authority of the FCC to approve the fee. In federal court the PSC, along with the National Association of Regulatory Utility Commissioners, argued that because payment of this charge is a precondition to obtaining local service, it is a local charge over which the FCC has no jurisdiction.

The FCC claims that this subscriber line charge brings the price of local service closer to the cost of providing it. In turn, local telephone companies will reduce the charge to long-distance carriers for connection between the nationwide network and the local network. The long-distance companies' savings will be passed along to the consumer in the form of lower long-distance rates.

The PSC has also opposed FCC-ordered methods of calculating depreciation which have resulted in increased depreciation expense for telephone companies. Cases are now pending in the United States Supreme Court. The FCC has tried to preempt state depreciation ratemaking, thereby raising local rates. The effect on Wisconsin ratepayers was $9 million per year for Wisconsin Bell customers alone. The PSC has claimed that the FCC exceeded its jurisdiction in its preemption orders, and, although the PSC is currently enjoined to allow Wisconsin Bell to collect the money in rates, the collection is made subject to refund if the commission wins the case in the U.S. Supreme Court.
PSC Issues Water and Sewer Rate Orders

The commission issued 238 formal water and sewer rate orders during the biennium. There are 554 water and 92 sewer utilities under PSC regulation.
COMMISSION ORGANIZATION Continued

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Branko Terzic, Commissioner
Mary Lou Monte, Commissioner

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Lanny Smith, Electric and Water, 266-3105
David O'Connell, Construction Review & Field Surveillance, 266-9640
William Slagg, Gas, 266-7006
Division Descriptions

The Accounts and Finance Division is responsible for auditing the accounting practices and financial records of public utilities and analyzing their proposed security offerings. It prepares depreciation studies and analyses of cost of capital and rate of return to present as testimony at hearings before the commission. The division compiles and publishes statistical studies of financial and operating data concerning public utilities.

The Utility Rates Division develops, analyzes, and monitors utility rates and regulations, maintains utility tariffs and mediates consumer disputes with utilities. The division participates in formal case proceedings on rate issues, service regulations, certificates of public convenience and necessity, service withdrawals, service area disputes, conservation programs and rulemaking. The division also monitors Federal Energy Regulatory Commission (FERC) and Federal Communications Commission (FCC) actions and provides comments for commission-sic intervention. Staff conduct independent investigations and data collection, analyses of proposals, and analyses of alternative cost studies and rate designs. The division enforces utility compliance in filing rates, charges, rules and regulations with the commission and ensures that tariff language is clear and unambiguous. The division interprets tariffs, rules, regulations and commission policies to respond to inquiries and to mediate and resolve consumer complaints.

The Engineering Division reviews and analyzes proposed utility construction projects from the standpoint of need, possible alternative actions and economics. The division promulgates and enforces service and safety standards, monitors conditions and activities potentially affecting service adequacy, monitors construction costs of major projects and plant accounting, and otherwise keeps the commission informed of utility operations.

The Systems Planning, Environmental Review and Consumer Analysis (SPERCA) Division is responsible for evaluating the environmental impact of prospective commission actions and developing and analyzing long-range electric utility plans in accordance with the statutory requirements. SPERCA staff members prepare environmental assessments and environmental impact statements in close coordination with other state agencies for cases involving utility construction, rate increases and service rules. They subsequently review the case record, prepare and issue memoranda and develop recommendations for commission action.

The Examining Division sits in and conducts public hearings, records verbatim testimony, prepares transcripts and any issue proposed decisions. The record made before the hearing examiners employed by the commission contains all of the evidentiary information that may be used by the commission in making a decision in a contested proceeding. The records are also sent to court when a commission order is appealed.

The Administrative Services Division provides the commission’s personnel and business management services, including budget development and control, revenue collection, employee training and development, compensation and benefit programs, and the coordination of the commission’s Affirmative Action/Equal Employment Opportunity programs. This division also maintains a central records management system, coordinates the management of data and word processing resources, and provides special library services.

The Office of Chief Counsel represents and defends the actions of the commission in state and federal courts, provides legal advice to commission members and staff, provides legal counsel for staff at commission hearings and coordinates federal intervention by Washington counsel or directly intervenes to represent the commission in cases of regulatory interest at the federal level. The Office of Chief Counsel also coordinates referrals from the commission to the Attorney General.

The Office of Chief Economist conducts economic research in the area of public utility regulation, develops and presents expert testimony at rate and rulemaking proceedings, and provides consultation to the commission on economic and financial issues and other activities relating to public utility regulation.

Intervenor Compensation Expanded

Through a broader interpretation of the intervenor financing law, public participation in commission hearings has increased. Several intervenor groups, including Badger Safe Energy Alliance, Wis-
convin's Environmental Decade, Citizens' Utility Board and Center for Public Representation have requested and received intervenor compensation to enable them to participate more fully in a variety of cases such as electric rates, construction, generic electric issues and telephone rates.

During the 1983-85 biennium, 14 requests for intervenor financing totaling $287,094 were made to the State Budget Office. The PSC approved $262,754. In fiscal year 1983-84, intervenor groups made seven requests for compensation totaling $50,724. The commission granted 73% of the funds, or $37,054. Of the seven remaining requests, made during fiscal year 1984-85 in the amount of $237,180, the PSC was able to approve 95% of the money desired, or $225,700.

Affirmative Action Report

Since 1978, each state agency has been required to form an Affirmative Action Advisory Council. The PSC council's responsibilities have been to assist in the identification of affirmative action problem areas, to audit hiring and promotional activities, and to inform employees of the affirmative action laws and complaint procedures.

In 1984, as part of its affirmative action program, the PSC, along with the Department of Health & Social Services and the Department of Employment Relations, made personnel recruitment presentations to Hispanic community-based organizations in Milwaukee. The presentations encouraged women, minorities and disabled persons to apply for state jobs, informing them of the state's employment and application processes.

The PSC's Upward Mobility Committee also falls under the affirmative action umbrella. During the biennium, the committee sponsored various training seminars for PSC employees, including one on interpersonal communications.

Both the Affirmative Action Advisory Council and the Upward Mobility Committee meet monthly and are actively involved in the commission's personnel matters.

Alternative Employee Work Patterns

Flexible scheduling is another aspect of the commission's Affirmative Action program. An Alternative Work Pattern (AWP) policy is in the developmental stage at the present time. A questionnaire addressing alternative work patterns was sent to all employees in May 1985 requesting their input on the subject. The forthcoming AWP policy will replace a similar abbreviated policy issued in 1978.

Alternative work patterns are available to all employees. Approximately 35% of the PSC's 170 employees regularly or intermittently exercise one or more of the AWP options: four employees work compressed (four-day) work weeks, twelve employees work nonstandard work weeks (44 and 36 hours), and 14 employees work less than full time, including eight in job-sharing situations. The majority of participants use the flextime option (amended starting and quitting times). Both clerical and professional staff members participate in the alternative work patterns program. The PSC's experience continues to be positive in its use of alternative scheduling.

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PSC Publications Available:

"Your Bill of Rights as a Residential Gas and Electric Utility Customer"
"Your Rights as a Telephone Customer"
"Guide to Public Hearings"
"Typical Steps in Major Rate Cases"
"PSC at a Glance . . ."
Access Line—A cable that continuously connects a telephone customer to a switching center or common carrier operating center.

Acid Rain—Precipitation, contaminated by sulfur dioxide and nitrogen oxides from industrial emissions, that has been blamed for causing damage to forests and lakes.

Advance Plan—The utility report that must be filed with the Public Service Commission every two years. It gives 20-year forecasts of energy demand and describes alternate methods to meet that demand.

British Thermal Unit (Btu)—The amount of heat required to raise the temperature of one pound of water one degree Fahrenheit under certain pressure and temperature conditions.

Bypass—in the telecommunications industry, defined by the FCC as the use of alternative facilities to avoid usage-based access charges. For example, large companies that make many long-distance calls may hope to save money on their long-distance phone bills by installing their own lines to the long-distance carrier, bypassing local switches and eliminating the local company's access charge to the long-distance carrier.

Capitol Structure—A business organization's total of common stock equity, preferred stock, long-term and short-term debt.

Debt retirement—the process of taking nuclear power plants out of service.

Depreciation—An annual expense entered on the books for replacing plant and equipment that are worn out or obsolete.

Diversification—A business venture apart from traditional utility functions.

Equity—The ownership interest preferred and common stockholders have in a company.

Exchange—An area established by the telephone company for administration of service, usually a city or town and its surrounding communities.

Extended Area Service (EAS)—An arrangement that allows customers to call between exchanges without toll charges, but at higher local rates.

Federal Communications Commission (FCC)—A five-member board that regulates interstate communications businesses, including television, radio and long distance telephone companies.

Federal Energy Regulatory Commission (FERC)—A five-member board that sets and enforces wholesale electric rates and prescribes standards for state regulation of gas and electric utilities.

Fuel Adjustment Clause—A provision that allows a utility to adjust its rates, to reflect changes in fuel costs, without an order of the Public Service Commission.

Holding Company—A business organization that controls another business organization through ownership of its common stock, common management personnel or other agreements.

Intervenor—An individual or organization, other than PSC staff and utility representatives, participating in commission hearings.

Local Access and Transport Area (LATA)—Following the divestiture of the Bell operating companies from AT&T, the geographic area within which Wisconsin Bell carries long-distance calls. Wisconsin is divided into four LATAs.

Local Measured Service (LMS)—A method of charging for local telephone calls based on four elements: time-of-day, distance, duration of call, and number of calls.

Modification of Final Judgment (MFJ)—The consent decree, issued by the Federal Court, that ordered the breakup of AT&T.

National Association of Regulatory Utilities Commissioners (NARUC)—A nationwide organization that intervenes in utility issues on the federal level. The Wisconsin PSC is a member.

Other Common Carrier—A long-distance telephone company, other than AT&T, having its own transmission and switching equipment.

Regulatory Strategic Planning—A process by which utility commissions can develop a forward-looking and integrative approach to addressing utility issues.

Reseller—A company that buys long-distance telephone time from existing telephone utilities for resale to consumers.
Sulfur Dioxide (SO₂)—One of the components of acid rain, commonly found in the emissions of coal-burning power plants.

Take or Pay—A provision found in energy sales contracts that requires payment for a certain amount of fuel whether it is needed or not.

Tariff—A utility’s schedule of rates and rules.

Toll—A charge for making a telephone call that terminates beyond the boundaries of an exchange or its extended area service points.

Weatherization—The process of making buildings more energy efficient by installing insulation, modifying furnaces, etc.
Rate Actions

During the past biennium, the PSC issued 430 rate orders for electric, natural gas, telephone, water and combined water and sewer utilities. The following pages indicate the outcome of each proceeding. In reading this appendix, it may be helpful to keep these points in mind:

- The commission authorized a number of water and combined water and sewer utilities to increase their annual revenue by large percentages. Some of these increases were the result of federal Environmental Protection Agency regulations that required these utilities to install costly treatment facilities. Other small utilities may have waited many years before filing a rate request and thus needed a large revenue increase to catch up with higher operating costs and remain financially sound.
- Where there is no amount requested, it is often because a small utility didn’t have the staff necessary to calculate a reasonable revenue request. Therefore, commission staff determined the appropriate amount.
- Several of the telephone utility rate cases docked 000STR03 show zeroes in the ‘‘Granted,’’ ‘‘Request’’ and ‘‘Percent’’ columns. These companies were not authorized to pass the rate increase on to customers because the commission determined that the utility’s rate of return was already at an appropriate level.
- Zeros in the ‘‘Granted,’’ ‘‘Request’’ and ‘‘Percent’’ columns of non-telephone utility rate cases indicate that the utility is new and its rates have been established for the first time.

Key

NUMB—The utility’s code number used by the PSC in record keeping.
NAME—The name of the utility
DOCKET—The letter and number code used by the PSC to refer to a particular case.
GRANTED—The annual revenue increase, in dollars, granted the utility by the PSC.
REQUEST—The annual revenue increase, in dollars, requested by the utility.
OPREV—The utility’s annual operating revenue, in dollars, before the rate case.
PERCENT—The percent increase or decrease in the utility’s annual revenue as a result of the rate case.
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**Total:** 98419422 348786048 852205677
APPENDIX B

Other Commission Proceedings

The commission issued 330 orders in proceedings other than those dealing with rates. The following pages list orders issued in cases open some time between January 1, 1984, and June 30, 1985, including:

- 20 Abandonment Orders
- 64 Affiliated Interest Orders
- 62 Construction Orders
- 54 Depreciation Orders
- 11 Inquiry and Investigation Orders
- 10 Purchase Orders
- 19 Rules Orders
- 14 Service Orders
- 41 Stocks and Bonds Orders
- 35 Other Orders
- 330 Total

Key

Read the entries left to right. Each entry begins with the date the order was issued — year, month, day. The date is followed by the docket number, name of the utility involved and a short description of the subject treated in the order.
84/01/17 880-TA-000001 ALL CITY COMMUNICATIONS CO. INC. AUTHORITY TO SELL ASSETS TO RADIO DISPATCH, INC

84/01/24 0820-SA-000001 CAMBRIDGE MUNICIPAL WATER UTILITY SEPARATE WATER & SEWER UTILITY

84/02/07 680A-EA-000001 WPAL CO. AUTH. TO BUY/SELL CERTAIN ELECTRIC DISTRIBUTION FACILITIES LOCATED WITHIN THE CITY OF SUN PRAIRIE
84/04/12 6720-TA-000002 WISCONSIN BELL, INC. OF WISCONSIN

84/06/05 680A-EA-000001 WPAL AUTHORITY TO BUY/SELL CERTAIN ELECTRIC DIST. FACILITIES LOCATED WITHIN THE CITY OF ELKRANN.
84/06/21 8150-TA-000001 SOUTH FORK TEL. CO. SERVICE & FACILITIES AT ITS SERVICE STATION CO.

84/07/27 0820-TA-000001 CRAWFORD SELL CORPORATION TIME ONE-WAY PAVING SERVICE AS A PUBLIC UTILITY

84/08/23 5050-HA-000002 RICE LAKE STEAM CORPORATION PUBLIC UTILITY, FOR AUTHORITY TO ABANDON SERVICE AND DISCONTINUE ITS OPERATION AS A PUBLIC UTILITY.
84/10/22 680A-EA-000001 WISCONSIN ELECTRIC POWER COMPANY HORIZON FROM WPAL TO WIS AL CO

84/10/18 1180-SA-000001 CLEVELAND WU WATER AND SEWER UTIL AS A COMBINED WATER AND SEWER PUBLIC UTILITY FOR AUTH. TO SPEAK A DUAL WATER AND SEWER UTILITY AND
84/10/30 680A-EA-000001 WISCONSIN POWER AND LIGHT COMPANY SELL TRANSMISSION FACILITIES TO BOSCOBEL

85/01/22 6720-TA-000001 WISCONSIN BELL, INC. TO CEASE OFFERING PARTY LINE SERVICE IN ALL OF ITS EXCHANGES
85/01/28 7050-TA-000001 COM-TEC, INC. APPLICATION FOR FULL TITLE

85/01/31 7050-SA-000001 WISCONSIN TELECOMMUNICATIONS SELL COM-TEC TO SCHREIDER COMMUNICATIONS, INC (SEE APPLICATION FOR FULL TITLE)

85/02/10 5050-HA-000001 RICE LAKE STEAM CORPORATION AND THE RICE LAKE STEAM CORP. TO BUY/SELL THE ENTIRE DIST. STEAM HEATING UTILITY LOCATED IN THE
85/02/25 1570-EA-000001 DEERFIELD WU WATER & ELECTRIC UTIL ASSETS TO WISCONSIN POWER & LIGHT COMPANY

85/04/03 680A-EA-000001 WISCONSIN PUBLIC SERVICE CORPORATION APPLICATION OF WISCONSIN PUBLIC SERVICE CORP. FOR APPROVAL OF THE SALE OF CERTAIN ELECTRIC UTILITY FACILITIES TO THE CITY OF TWO RIVERS.
85/05/25 4540-SA-000001 PARDEEVILLE WU WATER & SEWER UTILITY APPLICATION OF VILL. OF PARDEEVILLE, COLUMBIA CNTY, AS A COMBINED WATER & SEWER PUBLIC UTIL. FOR AUTH. TO SEPARATE THE WATER & SEWER UTIL. & FORM A SEPARATE
85/05/07 9220-SA-000001 MAYVILLE SEWER UTILITY REQUEST FOR THE COMMISSION TO DISCONTINUE ITS JURISDICTION WITH RESPECT TO RATES FOR SEWER SERVICE INITIALLY EXERTED BY ORDER DATED JUNE 3

85/06/27 2190-TA-000001 GENERAL TELEPHONE COMPANY OF WIS TELEPHONE INSTRUMENTS AS A REGULATED Tariffed SERVICE AUTHORITY TO DISCONTINUE PROVISION OF SINGLE LINE TELEPHONE SERVICE
84/11/13 1140-A1-000100 CITY GAS COMPANY OF ANTIOIO
APPROVAL OF AFFILIATED INTEREST AGREEMENT

84/12/04 10-8-A1-000001 CINCINNATI TELEPHONE COMPANY
AFFILIATED INTEREST AGREEMENT WITH ASSOCIATED

84/12/04 50-D1-A1-000001 RIB LAKE TELEPHONE COMPANY
AFFILIATED INTEREST CONTRACT WITH RIB LAKE
TELEPHONE, INC.

84/11/08 6720-A1-000001 WISCONSIN TELEPHONE COMPANY
APPROVAL OF AFFILIATED INTEREST CONTRACT WITH WIS-
CONSIN BELL, INC.

84/11/02 6720-A1-000001 WISCONSIN BELL, INC.
CONTRACTS WITH AMERICAN PUBLIC SERVICE, INC.

85/02/06 3200-A1-001000 LAKE SUPERIOR DISTRICT POWER COMPANY
APPROVAL OF LOANS BY SHORT-TERM NOTES FROM ITS
PARENT (HPS-WIS) TO EXCEED $8,000,000 OUTSTANDING
DURING 1985, SUBJECT TO ISSUANCE OF SHORT-TERM
NOTES.

85/02/06 6716-A1-000100 ST. CROIX TELEPHONE COMPANY
APPROVAL OF AFFILIATED INTEREST CONTRACT WITH NEW RICHLAND
CABLE, INC.

85/02/06 6712-A1-000100 AMHERST TELEPHONE COMPANY
AFFILIATED INTEREST AGREEMENT WITH TOWAMEN VALLEY
CABLE TELEVISION, INC.

85/02/10 2186-A1-000001 GENERAL TELEPHONE COMPANY OF WIS.
APPROVAL OF OTC-WIS. FOR APPROVAL OF AGMT. FOR PURCHASE
OF APPARATUS, EQUIPMENT, AND SUPPLIES FROM OTI
AUTOMATION, INC., GTE LEERMARK, INC., & GTE SYLVANIA,
INC.

85/02/10 4210-A1-000001 NORTELEPHONE TELEPHONE COMPANY
APPROVAL OF AFFILIATED INTEREST CONTRACT WITH NORTHEAST
COMMUNICATIONS OF VE., INC.

85/02/17 4600-A1-000001 PEOPLES TELEPHONE COMPANY, THE (RANDOLPH
APPROVAL OF AFFILIATED INTEREST CONTRACT WITH
COMMUNICATIONS OF VE., INC.

85/02/17 4494-A1-000001 PEOPLES TELEPHONE COMPANY, THE (RANDOLPH
APPROVAL OF AFFILIATED INTEREST CONTRACT WITH
COMMUNICATIONS OF VE., INC.

85/02/17 4690-A1-000001 PEOPLES TELEPHONE COMPANY, THE (RANDOLPH
APPROVAL OF AFFILIATED INTEREST CONTRACT WITH
COMMUNICATIONS OF VE., INC.

85/02/22 2930-A1-000001 CENTURY TELEPHONE COMPANY, INC.
AFFILIATED INTEREST AGREEMENT WITH CENTURY
COMMUNICATIONS, INC.

85/02/22 2930-A1-000001 CENTURY TELEPHONE COMPANY, INC.
AFFILIATED INTEREST AGREEMENT WITH CENTURY SERVICE
GROUP, INC.

85/02/22 2930-A1-000001 CENTURY TELEPHONE COMPANY, INC.
AFFILIATED INTEREST AGREEMENT WITH CENTURY TELE-
PHONE ENTERPRISES, INC.

85/02/22 2930-A1-000001 CENTURY TELEPHONE COMPANY, INC.
AFFILIATED INTEREST AGREEMENT WITH CENTURY TELE-
PHONE ENTERPRISES, INC.

85/02/24 3970-A1-000001 WESTERN VERNON TELEPHONE COMPANY
APPROVAL OF AFFILIATED INTEREST CONTRACT WITH VERNON
CABLE, INC.

85/02/25 4220-A1-000001 WESTERN STATES POWER COMPANY
APPROVAL OF AFFILIATED INTEREST CONTRACT WITH GRANDIN
DIRECTORY SERVICE, INC.

85/02/27 6610-A1-000001 WISCONSIN ELECTRIC POWER COMPANY
APPROVAL OF AFFILIATED INTEREST AGREEMENT WITH WIS-PEN

86/06/21 7010-A1-000001 SCHNEIDER COMMUNICATIONS
APPROVAL OF AFFILIATED INTEREST AGREEMENT WITH SCH

86/07/21 7010-A1-000001 SCHNEIDER COMMUNICATIONS
APPROVAL OF AFFILIATED INTEREST AGREEMENT WITH SCH

86/04/01 6720-A1-000001 NORTHWEST STATES POWER COMPANY
APPROVAL OF AFFILIATED INTEREST AGREEMENT WITH NWP-SWIS
AND NWP-WIS PROVIDING
ALL AFF INTEREST ORDERS ISSUED FOR THE 1983-1985 BIENNIAL
DOCKET NO. ORDER DATE
06/05/79 2000-AU-000101 LAKES SUPERIOR DISTRICT POWER COMPANY APPL. OF MSCP CO.-WIS. & LSCP CO. FOR APPROVAL OF AFFILIATED INTEREST CONTRACT WITH MSP-WMN
06/05/79 4220-AU-000102 NORTHERN STATES POWER COMPANY APPL. OF MSCP-WMN FOR APPROVAL OF AFFILIATED INTEREST CONTRACT WITH MSP-WMN
06/05/79 2140-AU-000100 GENERAL TELEPHONE COMPANY OF WIS TELECOM MARKETING CORPORATION APPL. OF AFFILIATED INTEREST CONTRACT WITH GTE
05/05/79 4190-54-000100 NORTH CENTRAL POWER COMPANY INC B. DANBERG APPL. OF AFFILIATED INTEREST AGREEMENT WITH WIS. LULLETTE
05/05/79 8500-AT-000100 SULLIVAN TELEPHONE COMPANY APPL. OF AFFILIATED INTEREST AGREEMENT WITH NORTHWEST.
05/05/79 5110-KL-000100 INDIANA LIGHT AND POWER COMPANY WITH MSCP DOROTHY E. DANBERG APPL. FOR APPROVAL OF AFFILIATED INTEREST CONTRACT
05/05/79 8840-AU-000100 ELROY GAS INCORPORATED APPL. FOR APPROVAL OF AFFILIATED INTEREST CONTRACT WITH GILBERT J. LEE
05/05/79 4190-AT-000101 NORTH CENTRAL POWER COMPANY INC APPL. OF AFFILIATED INTEREST AGREEMENT WITH ITS AFFILIATES
05/05/79 6820-AE-000100 WISCONSIN ELECTRIC POWER COMPANY APPL. OF AFFILIATED INTEREST AGREEMENT WITH WISCONSIN GAS COMPANY
05/05/79 6970-AG-000100 WISCONSIN NATURAL GAS COMPANY APPL. OF AFFILIATED INTEREST AGREEMENT WITH WISCONSIN ELECTRIC POWER COMPANY
05/05/79 5800-AT-000102 SULLIVAN TELEPHONE COMPANY APPL. OF AFFILIATED INTEREST AGREEMENT WITH NORTHWEST TELEPHONE COMPANY
06/05/79 4290-AT-000102 NORTH-WEST TELEPHONE COMPANY APPL. OF AFFILIATED INTEREST AGREEMENT WITH SULLIVAN TELEPHONE COMPANY
06/05/79 2100-AU-000101 GENERAL TELEPHONE COMPANY OF WIS DTE FINANCE CORP. NOT TO EXCEED $20,000,000 APPL. OF AFFILIATED INTEREST AGREEMENT WITH DTE FINANCE CORP.
06/05/79 4220-AG-000101 WISCONSIN BELL INC., BELL, INC., AND MICHIGAN BELL COMMUNICATIONS, INC. APPL. OF AFFILIATED INTEREST AGREEMENT BETWEEN WISCONSIN BELL INC. AND DTE FINANCE CORP.
8/3/09/06 3270-CE-00009 MADISON GAS AND ELECTRIC COMPANY Y. FOR AUTH. TO CONSTRUCT & INCH & 6 INCH MAINT AND APPL. OF MADISON GAS & ELECT. CO., AS A GAS UTILIT
8/3/09/06 4340-CE-00003 NORTHWESTERN WISCONSIN ELECTRIC CO NEAR MILDOWTH. TWO REGULATOR VALVES IN THE TOWNS OF MIDDLETON AND CONNECT ELEC. SYSTEM WITH DAIRYVILLE POWER COOP.
8/3/09/07 5070-CE-00002 RICHLAND CENTER ELECTRIC UTILITY PUBLIC UTILITY, FOR AUTHORITY TO INTERCONNECT APPL. OF THE CITY OF RICHLAND CENTER AS AN ELEC. WITH THE WI POWER & LIGHT CO. AUTH. TO INSTALL & PLACE IN SERVICE A 69-KV INTER-
8/3/09/07 6680-CE-00007 WPAL CO. CONNECTION & RELATED FACILITIES WITH THE CITY OF RICHLAND CENTER. REPLACEMENT OF SAVER SUBSTATION TRANSFORMERS RICHLAND CENTER. RICHLAND COUNTY.
8/3/10/18 5760-CE-00004 STURGEON BAY UTILITIES WPAL CO. SERVICE TO CONSTRUCT A DRY ASH HANDLING SYSTEM FOR UNIT 3 & 4 AT THE EDGARD GENERATING STATION CONSTRUCT ELEC. UTILITY PLANT ADDITIONS.
8/4/01/17 6680-CE-00026 WPAL CO. APPL. OF WPAL FOR ITSELF AND AS AGENT FOR WIS. PUB
8/4/01/24 1200-CE-00001 CLEVELAND WATER & ELECTRIC PLANT AT 1500 E. NEW LONDON ROAD CLEVELAND WATER & ELECTRIC PLANT FOR AUTHORITY TO CONSTRUCT PLANT ADDITIONS.
8/4/02/16 3060-CT-00001 LA VALLE TELEPHONE COOPERATIVE, INC. APPLICATION OF THE LAVALLE TELEPHONE COOPERATIVE, INC. FOR AUTHORITY TO CONSTRUCT PLANT ADDITIONS.
8/4/02/21 2560-CT-00001 HILLSBORO TELEPHONE COMPANY INC TO CONSTRUCT PLANT ADDITIONS AT ITS HILLSBORO EXCHANGES IN LAVALL AND CAZENOVIA.
8/4/03/13 3270-CE-00001 MADISON GAS AND ELECTRIC COMPANY TO CONSTRUCT AND PLACE IN OPERATION AN EAG GATEWAY MANAGMENT SYSTEM AND RELATED FACILITIES. REBUILD A MAJOR DISTRIBUTION FEEDER.
8/4/04/02 1850-CE-00002 FENNIKORE WATER AND LIGHT PLANT APPL. OF NOP FOR AUTHORITY TO CONSTRUCT A NEW DISTRIBUTION SUB-WAY FROM THE CITY OF FENNIKORE TO THE CITY OF NORTHERN GAS COMPANY.
8/4/04/03 5530-CT-00002 SOLON SPRINGS TELEPHONE COMPANY CONSTRUCTION OF A NEW COMMUNICATIONS FACILITY FOR THE CONSTRUCTION OF A NEW COMMUNICATIONS FACILITY IN THE TOWN OF EAG GALE, ST. CROS.
8/4/04/04 6680-CE-00018 WISCONSIN GAS COMPANY CONSTRUCTION OF A NEW COMMUNICATIONS FACILITY FOR THE CONSTRUCTION OF A NEW COMMUNICATIONS FACILITY IN THE TOWN OF EAG GALE, DOWNTOWN.
8/4/04/13 6680-CE-00019 WISCONSIN GAS COMPANY CONSTRUCTION OF A NEW COMMUNICATIONS FACILITY FOR THE CONSTRUCTION OF A NEW COMMUNICATIONS FACILITY IN THE TOWN OF EAG GALE, DOWNTOWN.
8/4/04/17 6870-CE-00008 WISCONSIN NATURAL GAS COMPANY CONSTRUCTION OF A NEW COMMUNICATIONS FACILITY FOR THE CONSTRUCTION OF A NEW COMMUNICATIONS FACILITY IN THE CITY OF WASH., WASH., WASH.
8/4/04/20 6220-CE-00002 WATERLOO WATER AND ELECTRIC COMMUNICATIONS FACILITY FOR AUTHORITY TO CONSTRUCT A NEW DISTRIBUTION SUB-WAY FROM THE CITY OF WATERTOWN TO THE CITY OF NORTHERN GAS COMPANY.
8/4/05/01 4220-CE-00002 NORTHERN STATES POWER COMPANY CONSTRUCTION OF A NEW DISTRIBUTION SUB-WAY FROM THE CITY OF WATERTOWN TO THE CITY OF NORTHERN GAS COMPANY.
8/4/05/05 6680-CE-00020 WISCONSIN GAS COMPANY CONSTRUCTION OF A NEW DISTRIBUTION SUB-WAY FROM THE CITY OF WATERTOWN TO THE CITY OF NORTHERN GAS COMPANY.
8/4/05/15 1850-CE-00001 ELDY MUN WATER AND ELECTRIC UTILIT CONSTRUCTION OF A NEW DISTRIBUTION SUB-WAY FOR AUTHORITY TO CONSTRUCT A DISTRICT SERVICE BUILDING IN THE CITY OF ANTIKOU.
8/4/05/22 6680-CE-00027 WPAL CO. OPERATE A GAS UTIL. IN N. BARABOO, ARLINGTON, LAC, ST. MARIE, WISCONSIN. FACILITIES IN DOWNTOWN.
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05/04/11 1900-RE-0000100 CONSOLIDATED WATER POWER COMPANY APPL. OF CONSOLIDATED WATER POWER CO., WOOD COUNTY, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES
05/04/11 2950-RE-0000100 LA FARGE MUNICIPAL ELECTRIC UTILITY APPL. OF VILLAGE OF LA FARGE, VENOM COUNTY, AS ELECTRIC PUBLIC UTIL., FOR AUTH. TO REVISE ELECTRIC EXTENSION RULES
05/04/11 4370-RE-0000100 PARDEEVILLE MUN. ELECTRIC UTILITY APPL. OF VILLAGE OF PARDEEVILLE, COLUMBIA COUNTY AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES
05/04/23 1490-RE-0000100 CUMBERLAND MUNICIPAL UTILITY APPL. OF THE CITY OF CUMBERLAND, BARRON COUNTY, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES
05/05/23 1470-RE-0000100 CUBA CITY WATER AND ELECTRIC UTIL. APPL. OF CITY OF CUBA CITY, LAFAYETTE & SMART COUNTY, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES
05/06/21 1960-RE-0000100 ELKO MUN WATER AND ELECTRIC UTILITY APPL. OF THE CITY OF ELKO, POLK COUNTY, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES
05/06/21 2910-RE-0000100 MAZEL GREEN MUNICIPAL UTILITY APPL. OF VILLAGE OF MAZEL GREEN, GRANT & LAFAYETTE COUNTY, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES
05/06/21 2930-RE-0000100 CUBA CITY WATER & ELECTRIC UTILITY APPL. OF CITY OF CUBA CITY, LAFAYETTE & SMART COUNTY, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES
05/06/21 2880-RE-0000100 SHEBOYGAN FALLS MUN WATER & ELECTRIC UTILITY APPL. OF CITY OF SHEBOYGAN FALLS, SHEBOYGAN COUNTY, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES
05/06/21 2670-RE-0000100 VONEWIC MUN WATER & ELECTRIC UTILITY APPL. OF THE VILLAGE OF VONEWIC, JUNEAU COUNTY, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTHORITY TO REVISE ITS ELECTRIC EXTENSION RULES
05/06/21 2170-RE-0000100 EAGLE RIVER LIGHT AND WATER DEPT. APPL. OF EAGLE RIVER, VILAS COUNTY, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES TO INCLUDE A CHARGE FOR AN ORDER
05/06/18 3420-RE-0000100 MARSHFIELD WATER AND ELECTRIC DEPT. APPL. OF CITY OF MARSHFIELD, WOOD & MARATHON COUNTIES, AS AN ELECTRIC PUBLIC UTILITY, FOR AUTH. TO REVISE ITS ELECTRIC EXTENSION RULES

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ALL SERVICE

01/21/86

PUBLIC SERVICE COMMISSION

MOTIONS ISSUED FOR THE 1983-1985 BIENNIAL

DOCKET LIST BY ORDER DATE

05/10/74 2180-TV-000011 GENERAL TELEPHONE COMPANY OF WISC

CUSTOMER SURVEY FOR PHIELS, LAND O' LAKES EXCHANGES

05/10/74 2180-TV-000021 MANANA TELEPHONE COMPANY, INC

TRAFFIC STUDY FOR MANANA EXCHANGE

04/21/06 2180-TV-000014 GENERAL TELEPHONE COMPANY OF WISC

PETITION FOR EAS FROM ARENA EXCHANGE TO DODGEVILLE

04/30/06 2180-TV-000019 GENERAL TELEPHONE COMPANY OF WISC

PETITION FOR EAS FROM MELROSE TO MINDORO

04/30/06 2180-TV-000015 GENERAL TELEPHONE COMPANY OF WISC

PETITION FOR EAS FROM SHILOH EXCH. TO NICHOLS

04/12/03 6600-GV-000003 WISCONSIN PUBLIC SERVICE CORPORATION

APPLICATION OF WPS. PUBLIC SERVICE CORP. FOR AN

EMERGENCY ORDER IMPLEMENTING A NATURAL GAS CURTAILMENT PLAN

05/01/03 3270-GV-000003 MADISON GAS AND ELECTRIC COMPANY

APPL. OF MADISON GAS AND ELECTRIC COMPANY FOR AN

EMERGENCY ORDER IMPLEMENTING A NATURAL GAS CURTAINMENT PLAN

05/03/03 6650-GV-000003 WISCONSIN GAS COMPANY

APPLICATION OF WISCONSIN GAS COMPANY FOR AN

EMERGENCY ORDER IMPLEMENTING A NATURAL GAS CURTAINMENT PLAN

PETITION FOR EAS FROM BANGOR EXCHANGE TO

LACROSSE/WEST SALEM

05/10/03 2180-TV-000017 GENERAL TELEPHONE COMPANY OF WISC

PETITION FOR EAS FROM MINDORO TO LACROSSE/W

WEST SALEM

05/10/04 5530-TV-000001 SALT SPRINGS TELEPHONE COMPANY

PETITION OF JAMES A. SPINDLESTEEL & 180 OTHERS FOR EAS FROM LADY HOBHAM TO THE SUPERIOR-SOUTH

AREA.

05/10/04 2180-TV-000013 GENERAL TELEPHONE COMPANY OF WISC

PETITION FOR EAS BETWEEN MT. CALVARY &

ST. CLOUD

05/14/03 2420-TV-000008 NORTH-WEST TELEPHONE COMPANY

PETITION OF W.H. L. F. KRAUSE, MRS. M. DOERING & MRS. R

KRAUSE & AFFX 1,622 OTHERS FOR 1-WAY OPT.

W/CL. INTERPLAN SERV. FROM E. TROY, DOORHOF & EAGLE

05/06/21 6720-TV-000021 WISCONSIN BELL, INC.

PETITION OF WM SKINNER & 492 OTHERS FOR EAS FROM

THE NIZZAMAN EXCHANGE TO THE MADISON AREA EXCHANGES.
03/07/14 6710-SB-000006 WISCONSIN SOUTHERN GAS COMPANY
APPLIED OF WSi, INC FOR AUTH. TO ISSUE A FIVE YEAR NOTE OF PRINCIPAL AMOUNT NOT TO EXCEED $400,000

01/06/26 3202-SB-000015 LAKE SUPERIOR DISTRICT POWER COMPANY
APPLIED OF LAKE SUPERIOR DIST. POWER CO FOR AUTH. TO ISSUE AND HAVE OUTSTANDING DURING 1983 SHORT-TERM NOTES NOT TO EXCEED $1,000,000 PRINCIPAL AMOUNT.
01/06/10 0720-SB-000014 WISCONSIN BELL, INC.
APPLICATION OF WISCONSIN TELEPHONE COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1983 SHORT-TERM NOTES NOT TO EXCEED $10,000,000 PRINCIPAL AMOUNT.
03/07/11 4220-SB-000012 WSP CO.
APPLICATION OF WISCONSIN TELEPHONE COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1983 SHORT-TERM NOTES NOT TO EXCEED $10,000,000 PRINCIPAL AMOUNT.

03/07/11 3202-SB-000028 MADISON GAS AND ELECTRIC COMPANY
APPLICATION OF MADISON GAS AND ELECTRIC COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1983 SHORT-TERM NOTES NOT TO EXCEED $15,000,000 PRINCIPAL AMOUNT.
01/07/17 6860-SB-000002 WPS CO.
APPLICATION OF WPS CO. FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1984 SHORT-TERM NOTES NOT TO EXCEED $1,200,000 PRINCIPAL AMOUNT.

04/01/24 6050-SB-000008 URBAN TELEPHONE CORPORATION
APPLICATION OF URBAN TELEPHONE CORP. FOR AUTH. TO ISSUE $95,000 SHARES OF ITS $5.00 PAR VALUE COMMON STOCK
01/04/14 3202-SB-000018 LAKE SUPERIOR DISTRICT POWER COMPANY
APPLIED OF LAKE SUPERIOR DIST. POWER CO FOR AUTHORITY AND HAVE OUTSTANDING DURING '84 SHORT-TERM NOTES NOT TO EXCEED $7,000,000 PRINCIPAL AMOUNT.
06/02/14 6860-SB-000023 WPS CO.
APPLICATION OF MADISON GAS AND ELECTRIC COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1984 SHORT-TERM NOTES NOT TO EXCEED $47,000,000 PRINCIPAL AMOUNT.

04/07/21 4220-SB-000013 WSP CO.
APPLICATION OF WISCONSIN TELEPHONE COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1984 SHORT-TERM NOTES NOT TO EXCEED $25,000,000 PRINCIPAL AMOUNT.
03/07/16 6860-SB-000001 WISCONSIN PUBLIC SERVICE CORPORATION
APPLICATION OF WISCONSIN PUBLIC SERVICE CORPORATION FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1984 SHORT-TERM NOTES NOT TO EXCEED $30,000,000 PRINCIPAL AMOUNT.

04/07/15 6860-SB-000004 WISCONSIN PUBLIC SERVICE CORPORATION
APPLICATION OF WISCONSIN TELEPHONE COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1984 SHORT-TERM NOTES NOT TO EXCEED $60,000,000 PRINCIPAL AMOUNT.
04/07/12 0770-SB-000001 RADIO DISPATCH, INC.
APPLICATION OF RADIO DISPATCH, INC FOR AUTH. TO ISSUE $1,000 SHARES OF ITS $5 PAR VALUE COMMON STOCK

04/04/08 6710-SB-000008 WISCONSIN SOUTHERN GAS COMPANY
APPLICATION OF WISCONSIN SOUTHERN GAS COMPANY FOR AUTHORITY TO ISSUE $20,000,000 PRINCIPAL AMOUNT.
04/07/17 6860-SB-000005 WISCONSIN FUEL AND LIGHT COMPANY
APPLICATION OF WISCONSIN FUEL AND LIGHT COMPANY FOR AUTHORITY TO ISSUE 205,000 SHARES OF ITS $10 PAR VALUE COMMON STOCK
06/09/08 6860-SB-000024 WISCONSIN POWER AND LIGHT COMPANY
APPLICATION OF WISCONSIN POWER AND LIGHT COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1984 SHORT-TERM NOTES NOT TO EXCEED $8,500,000 IN PRINCIPAL AMOUNT.

06/06/20 6720-SB-000015 WISCONSIN BELL, INC.
APPLICATION OF WISCONSIN BELL, INC. FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1984 SHORT-TERM NOTES NOT TO EXCEED $1,000,000 IN PRINCIPAL AMOUNT OF ITS FIRST MORTGAGE BONDS.
04/01/16 6860-SB-000025 WPS CO.
APPLICATION OF WISCONSIN TELEPHONE COMPANY FOR AUTHORITY TO ISSUE $30,000,000 IN PRINCIPAL AMOUNT.

04/01/16 6860-SB-000014 WPS CO.
APPLICATION OF WISCONSIN TELEPHONE COMPANY FOR AUTHORITY TO ISSUE $2,000,000 IN PRINCIPAL AMOUNT OF ITS FIRST MORTGAGE BONDS.

04/01/13 1140-SB-000010 CITY GAS COMPANY OF ANTIODA
APPLICATION OF CITY GAS COMPANY OF ANTIODA FOR AUTHORITY TO ISSUE $200,000 PRINCIPAL AMOUNT OF LONG-TERM NOTES PAYABLE TO AN AFFILIATED INTEREST ANNUAL.
04/17/12 5570-SB-000010 SOUTHEAST TELEPHONE COMPANY OF WISCONSIN
APPLICATION OF SOUTHEAST TELEPHONE COMPANY OF WISCONSIN FOR AUTHORITY TO ISSUE $2,079,173 SHARES OF ITS $100 PAR VALUE COMMON STOCK.
04/17/12 6860-SB-000020 WPS CO.
APPLICATION OF WISCONSIN TELEPHONE COMPANY FOR AUTHORITY TO ISSUE $500,000 IN PRINCIPAL AMOUNT OF ITS FIRST MORTGAGE BONDS.

08/12/16 6860-SB-000010 WISCONSIN POWER AND LIGHT COMPANY
APPLICATION OF WISCONSIN POWER AND LIGHT COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING SHORT-TERM NOTES AND COMMERCIAL PAPER OF UP TO $72,100,000.

05/01/20 3202-SB-000011 LAKE SUPERIOR DISTRICT POWER COMPANY
APPLICATION OF LAKE SUPERIOR DISTRICT POWER COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING SHORT-TERM NOTES NOT TO EXCEED $8,000,000 IN PRINCIPAL AMOUNT OF ITS FIRST MORTGAGE BONDS.
05/01/20 6860-SB-000002 WPS CO.
APPLICATION OF WPS CO. FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING SHORT-TERM NOTES AND COMMERCIAL PAPER OF UP TO $65,100,000 IN PRINCIPAL AMOUNT.

05/01/19 3202-SB-000010 LAKE SUPERIOR DISTRICT POWER COMPANY
APPLICATION OF LAKE SUPERIOR DISTRICT POWER COMPANY FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING SHORT-TERM NOTES NOT TO EXCEED $8,000,000 IN PRINCIPAL AMOUNT OF ITS FIRST MORTGAGE BONDS.
05/01/19 6860-SB-000012 WPS CO.
APPLICATION OF WPS CO. FOR AUTHORITY TO ISSUE AND HAVE OUTSTANDING SHORT-TERM NOTES AND COMMERCIAL PAPER OF UP TO $65,100,000 IN PRINCIPAL AMOUNT.
8/20/77 4660-59-000100 PIONEER POWER AND LIGHT COMPANY APPL. OF PIONEER POWER & LIGHT CO. FOR AUTH. TO ISSUE LONG-TERM NOTES NOT TO EXCEED $225,000 PRINCIPAL AMOUNT
8/20/77 4660-59-000100 WESTFIELD MELLING AND ELECTRIC LTD APPLICATION OF WESTFIELD MELLING & ELECTRIC CO. AUTHORITY TO ISSUE LONG-TERM NOTES NOT TO EXCEED $175,000 PRINCIPAL AMOUNT
8/25/78 4260-59-000100 NORTHERN STATES POWER COMPANY AUTHORITY TO ISSUE AND HAVE OUTSTANDING DURING 1985 SHORT-TERM NOTES NOT TO EXCEED $20,000,000 PRINCIPAL AMOUNT
8/30/78 5820-59-000101 SUPERIOR WATER LIGHT AND POWER CO ISSUE $3,500,000 IN FIRST MORTGAGE BONDS
8/30/78 5820-59-000100 SUPERIOR WATER LIGHT AND POWER CO ISSUE SHORT-TERM NOTES NOT TO EXCEED $1,200,000
8/30/81 6710-59-000100 WISCONSIN SOUTHERN GAS COMPANY AUTHORITY TO ISSUE 23,028 SHARES OF $5 PAR VALUE COMMON STOCK
8/30/84 4280-59-000007 NORTHWESTERN WISCONSIN ELECTRIC CO APPL. OF NORTHWESTERN WI ELECTRIC CO FOR AUTHORITY TO BORROW UP TO $2,500,000 UNDER A REVOLVING CREDIT AND TERM LOAN AGREEMENT.
8/26/72 2520-59-000100 MID-PLAINS TELEPHONE INCORPORATED APPL. OF MID-PLAINS TELEPHONE, INC. FOR AUTHORITY TO ISSUE COMMON STOCK
8/30/78 4280-59-000100 NORTHWESTERN WISCONSIN ELECTRIC CO AUTHORITY TO ISSUE NOT TO EXCEED $600,000 PRINCIPAL AMOUNT OF NOTES PAYABLE
8/30/81 4160-59-000100 NORTH CENTRAL POWER COMPANY INC ISSUE NOT TO EXCEED $200,000 PRINCIPAL AMOUNT OF NOTES PAYABLE AND FOR APPROVAL OF AFFILIATED INTEREST TRANSACTION
8/30/78 3600-59-000100 FARMERS INDEPENDENT TELEPHONE CO AUTHORITY TO ISSUE 7,672 SHARES OF ITS $20 PAR VALUE COMMON STOCK
8/30/78 2970-59-000100 LAKEFIELD TELEPHONE COMPANY AUTHORITY TO ISSUE 1,216 SHARES OF $50 PAR VALUE COMMON STOCK
8/30/78 2970-59-000100 LAKEFIELD TELEPHONE COMPANY AUTHORITY TO ISSUE 1,216 SHARES OF $50 PAR VALUE COMMON STOCK
8/30/81 6650-59-000100 WISCONSIN GAS COMPANY AUTHORITY TO ISSUE $225,000,000 OF FIRST MORTGAGE BONDS
8/30/78 250-59-000100 GENERAL TELEPHONE COMPANY OF WISC AUTHORITY TO ISSUE PROMISSORY NOTE NOT TO EXCEED $20,000,000 PRINCIPAL AMOUNT
8/30/78 6830-59-000100 WISCONSIN ELECTRIC POWER COMPANY AUTHORITY TO ISSUE & HAVE OUTSTANDING AT ANY ONE TIME DURING 1983 SHORT-TERM NOTES & COMMERCIAL PAPER IN AMOUNTS NOT TO EXCEED $170,000,000
PUBLIC SERVICE COMMISSION
ORDERS ISSUED FOR THE 1983-1985 BIENNIAL
DOCKET LIST BY ORDER DATE

04/12/88 7001-AC-000008 ADMINISTRATIVE CODE
HEATING SERVICE

05/03/77 7205-AC-000001 ISAACOM, INC.
CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO
OFFER INTRASTATE TOLL SERVICE

05/03/79 4000-08-000100 WEST ALLIS MUNICIPAL WATER UTILITY
AWARD - DISCOUNTED WATER BILLS FOR MUNICIPAL
EMPLOYEES
05/03/80 0001-AC-000058 SATISFY OVERAGES

05/02/80 0725-04-000101 WISCONSIN VALLEY EMBANKMENT CO.
IMPROVEMENT COMPANY FOR THE SIX-MONTH PERIOD
ENDING DECEMBER 31, 1984
05/04/86 6890-04-000100 WISCONSIN PUBLIC SERVICE CORPORATION
SUBSIDIARY'S OWNERSHIP & OPERATION OF A BOILER
FOR THE GENERATION & SALE OF STEAM & ELECTRICITY
05/08/80 0001-AC-000100 SMALL TELEPHONE COMPANIES

05/08/82 0001-AC-008101 TELEPHONE
APPLICATION OF LOCAL TELEPHONE SERVICE FOR FAILURE
TO PAY A TOLL BILL
05/08/82 0001-AC-000102 ELECTRIC UTILITIES
RETROACTIVE BEYOND PROVISION

05/06/80 9220-08-000004 NORTHERN STATES POWER COMPANY
DECLARATORY RULING AS TO THE PROVISION OF
THREE-PHASE ELECTRICAL SERVICE TO MARQUARDT

STANDARDS FOR CONVERSION TO GAS OR ELECTRIC SPACE-
HEATING SERVICE
INVESTIGATION OF APPLICATION OF ISAACOM, INC. FOR
DETERMINATION OF IMPLEMENTATION OF ARBITRATOR'S
RULES CONCERNING USE OF CUSTOMER DEPOSITS TO
TOLLS TO BE CHARGED BY THE WISCONSIN VALLEY
TOLLS TO BE CHARGED BY THE WISCONSIN VALLEY
IN THE MATTER OF WIS. PUBLIC SERVICE CORP.--
RATE INCREASES FOR SMALL TELEPHONE COMPANIES
TO AMEND 5, PSC 165.06/2(1) RELATING TO DIS-
SERVICE EXTENSION RULES FOR ELECTRIC UTILITIES--
PELON OF NORTHERN STATES POWER CO. FOR A