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Renewable Electric Plant Information System
User Interface Manual
Paradox 7 Runtime for Windows

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Table of Contents

Introduction	1
Quick Start: Instructions for End Users Familiar with Database Applications	2
Getting Started: The Installation Process	3
Choosing the Appropriate Report	6
Report 1	7
Report 2	8
Report 3	9
Report 4	10
Report 5	11
Report 6	12
Using the User Interface	13
Definitions	20
Troubleshooting	21
Appendices	
Appendix A: List of Company Names in the REPiS3 Database	23
Appendix B: REPiS3 Codes and Abbreviations	47

REPiS3

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REPiS3 User Interface Manual

Paradox 7 Runtime for Windows

Introduction

The Renewable Electric Plant Information System (REPiS) is a comprehensive database with detailed information on grid-connected renewable electric plants in the United States. The current version, REPiS3 beta, was developed in Paradox for Windows. The user interface (UI) was developed to facilitate easy access to information in the database, without the need to have, or know how to use, Paradox for Windows. The UI is designed to provide quick responses to commonly requested sorts of the database.

A quick perusal of this manual will familiarize you with the functions of the UI and will make your use of the system easier. There are six parts to this manual.

- Quick Start: Instructions for Users Familiar with Database Applications
- Getting Started: The Installation Process
- Choosing the Appropriate Report
- Using the User interface
- Troubleshooting
- Appendices A and B

Quick Start: Instructions... provides step-by-step guidance to using the UI immediately. For those users who have database experience, especially with Paradox, this section integrates sections two and four into a quick reference guide for easy use of the UI.

Getting Started: The installation process provides detailed directions for installing the UI. This section walks you through the installation process from disk to hard drive.

Choosing the Appropriate Report defines the fields in each report and illustrates their formats with full page examples of customized reports.

Using the User Interface emphasizes the straightforward process of using the UI to create custom reports.

Troubleshooting describes common errors that may be encountered and solutions.

Appendices A and B provide crosswalks to company names and REPiS3 codes and abbreviations. They are provided as a guide to assist the user in selecting the report they wish to customize.

Quick Start: Instructions for Users Familiar with Database Applications

This section is intended for end users with database experience. The section, *Getting Started*, contains more detailed instructions for installing Paradox Runtime onto your computer.

Windows 3.1 Version

- 1) Insert **Runtime Install**, Disk 1, into your disk drive. Open the File Manager and view the contents of drive A (or B). Double click on the file **Install.exe**. Follow the directions to personalize your copy of Paradox Runtime. Do not change the destination directories. The UI is programmed to run from the default path. Choose **Yes** to create this directory. Follow directions until they indicate the installation is complete.
- 2) Open the Runtime group in the Program Manager. Double click the **Runtime** icon.
- 3) Once the REPiS3 UI "Welcome" window appears, select the desired report button and follow the on-screen instructions to create a report. Read the section on *Choosing the Appropriate Report* for detailed information on the predesigned reports in the UI. For further instructions on the UI, refer to the section on *Using the User Interface*.

Windows 95 Version

- 1) Insert **Runtime Install**, Disk 1, into your disk drive. Open Windows Explorer and view the contents of drive A (or B). Double click the file **Setup.exe** 47 kb application. Follow the setup instructions to personalize your copy of Paradox Runtime. Follow directions until they indicate that setup is complete. Do not change the destination directories.
- 2) Open the **Start** menu. Choose **Programs**. Choose **REPiSUI**.
- 3) Once the REPiS3 UI "Welcome" window appears, choose the desired report button and follow the on-screen instructions to create a report. Read the section on *Choosing the Appropriate Report* for detailed information on the predesigned reports in the UI. For further instructions on the UI, refer to the section on *Using the User Interface*.

Getting Started: The Installation Process

This section is intended for users who want detailed instructions about the installation process. The *Windows 3.1* version of Runtime and the "custom application," REPiS3 Runtime UI, require four disks for proper installation. The *Windows 95* version of Runtime and the REPiS3 UI require five disks for proper installation.

Before Getting Started: An Advisory

The REPiS3 Runtime UI specifies lengthy operations for the computer to perform. On older computers, the processing period can be long. Therefore, it is recommended that the minimum system specifications of the target machine be 486/33. Users with less capable computers should be prepared for long processing periods.

Installation

The installation process has two parts. Part One is the installation of Paradox 7 Runtime for Windows from the Runtime Install Disks. The installation process is designed for minimal interaction with the user beyond inputting your name and company. It is very important NOT to change the destination directories as listed during installation. Otherwise, the UI will not run correctly. Part Two is how to open the UI.

Part One—*Windows 3.1*

- Insert **Runtime Install**, Disk 1, into your disk drive. Open the File Manager and view the contents of drive A (or B). Double click on the file **Install.exe**. Follow the setup directions carefully.
- A Setup window appears and asks you to input your name and company affiliation. After you have done this, select **Continue**.
- The next several steps are menu driven. Simply follow the instructions. **DO NOT CHANGE THE DIRECTORIES!** The bullets below provide further clarification.
- A Destination window appears and tells you that the default destination directory is **C:\Pfwrun7**. This is where you want the Runtime files to go. Select **Continue**.

- A window showing you the IDAPI Location settings appears. **C:\IDAPI** is the default directory. **DO NOT CHANGE THE DIRECTORY!** Select **Continue**.
- A Notification window appears, telling you that the computer is ready to install Runtime. To complete the installation, choose **Install**. To cancel the installation, choose **Cancel**.
- A screen showing a car's dashboard appears. The odometer tells you the progress of the installation. Follow the directions on when to insert Disks 2 and 3. Once you have inserted the disk, select **OK** to continue the installation. To cancel the installation, choose **Cancel** on the left side of the screen.
- At the Custom Application window, select **Continue**. Insert Disk 4 and select **Continue** again.
- Setup will ask you whether you want to create a Runtime Group in the Program Manager. You must create this group to fully utilize the UI. Choose **Continue** to create this group.
- Next, an Installation window comes up. Choose **Skip** to avoid reading the "Read Me" file; it is blank.
- A window appears to tell you that "Runtime is now installed." Select **OK**.

Part Two—*Windows 3.1*

- Open the Runtime group in the Program Manager. Double click the **Runtime** icon. The UI window will open automatically after Runtime is opened.
- Alternatively, if the UI window does not open with Runtime, you will have to open the UI once Runtime is open. In the Program Manager, open the Runtime Group. Double click the **Runtime** icon. Once Runtime is open, select the **Open Form** button under the menu. Open **REPIS16.fsl**.

Part One—*Windows 95*

- Insert **Runtime Install**, Disk 1, into your disk drive. Open the Windows Explorer and view the A drive. Double click the **Setup.exe** 47 kb application (with the computer icon). After the setup program (InstallShield Wizard) has opened, the "Welcome" window will appear. Read the instructions and select **Next**.
- In the "User Information" window, input your name and company affiliation. Select **Next**.
- The next several steps are menu driven. Simply follow the instructions. **DO NOT CHANGE THE DIRECTORIES!** The bullets below provide further clarification.

- Under "Choose Destination Location," check to see that the default destination directory is **C:\...\Borland\Paradox Runtime**. (If the default directory is different, choose **Browse** and change it to **C:\Program Files\Borland\Paradox Runtime**. Choose **Yes** to create this directory.) Choose **Next** to continue.
- The setup program will ask you whether you want to create a Program Folder for Paradox Runtime. The setup program also places a UI icon in the Program listings of the Start menu. Select **Next** to continue.
- Under "Start Copying Files," the target folder has to be **C:\Program Files \Borland\ Paradox Runtime**. (If it is not, select **Back** and return to the "Choose Destination Location" window. Refer back to the fourth bullet above.) Select **Next** to begin copying files to the hard drive.
- When the "Setup needs the next disk" window appears, insert the proper disk and choose **Enter**.
- When the setup program indicates that installation is successful, you may run the REPiS3 Runtime UI.

Part Two—*Windows 95*

- Open the **Start Menu**. Choose **Programs**. Choose **REPiSUI**.

The next section, *Choosing the Appropriate Report*, explains how to choose the most appropriate report to extract the data you want from the REPiS3 database.

Choosing the Appropriate Report

The UI contains six predesigned reports that contain all possible units or plants in the REPiS3 database. Each report focuses on a different set of data fields. To choose the appropriate report for your needs, refer to Table 1. Table 1 lists the fields contained in each report. Note that the non-customized reports 4 and 6 are several hundred pages in length. It is highly recommended that you customize these reports.

Table 1. Data Fields Contained in Each Report

<i>Report</i>	<i>Data Fields</i>	<i>Number of Pages*</i>
Report1	Tech code, fuel code, status type, capacity (in kilowatts [kW])	2
Report2	Tech code, fuel code, owner's category, operating capacity (in kW)	2
Report3	Federal Energy Regulatory Commission (FERC) region, state, tech code, status type, capacity (in kW)	19
Report4	Tech code, fuel code, owner's name, owner's # of units, plant name, state, units, factored capacity (in kW), status type, unit owned factor	several hundred
Report5	State, tech code, fuel code, plant name, units, operating capacity (in kW)**	8
Report6	State, tech code, fuel code, plant name, units, factored capacity, status type, status year, and utility involved.	several hundred

*per non-customized report

**Report5 can be viewed with all plants or it can be totaled by state and tech code. At the report format message box, choose No if you do not want to view individual plant information, only the totals.

The following six pages contain examples of customized reports for reports 1, 2, 3, 4, 5, and 6, respectively.

The next section, *Using the User Interface* offers a brief tutorial explaining the process of customizing a report.

Report 1: Capacity (kW) by Current Status for Each Technology

Tech Code: BIO

Fuel Code: AR

Status Type

Capacity (kW)

OP	556,325.00
----	------------

PL	64,500.00
----	-----------

RE	42,600.00
----	-----------

Fuel Code Total	663,425.00
------------------------	-------------------

Fuel Code: BG

OP	839,462.50
----	------------

PL	531,650.00
----	------------

PLHP	62,500.00
------	-----------

RE	34,796.00
----	-----------

Fuel Code Total	1,468,408.50
------------------------	---------------------

Fuel Code: TR

OP	4,343,426.86
----	--------------

PL	412,400.00
----	------------

PLHP	73,100.00
------	-----------

RE	129,525.00
----	------------

Fuel Code Total	4,958,451.86
------------------------	---------------------

Tech Code Total	7,090,285.36
------------------------	---------------------

Overall Total	7,090,285.36
----------------------	---------------------

REPiS3 beta, NREL1995 11/26/96
Contact: Karin Sinclair (303) 384-7468

Report 2: Operating Capacity (kW) by Owner Category for Each Technology

		<u>Owner Category</u>	<u>Capacity (kW)</u>
Tech Code: P Fuel Code: SUN		COP	104.00
		IOU	1,551.91
		NUG	2,317.06
		PO	4,805.36
	Tech Code Total		8,778.33
Tech Code: W Fuel Code: WND		COP	42.00
		IOU	1,999.00
		NUG	2,151,156.00
		PO	1,157.00
	Tech Code Total		2,154,354.00
Overall Total			2,163,132.33

REPiS3 beta, NREL1995 11/26/96
 Contact: Karin Sinclair (303) 384-7468

Report 3: Capacity (in kW) by FERC Region, State, and Technology

FERC: 8
State: COLORADO

<u>Tech Code</u>	<u>Status Type</u>	<u>Capacity (kW)</u>
------------------	--------------------	----------------------

H	PL	13,600.00
	PLHP	25,000.00
	Tech Code Total:	38,600.00

P	PL	179.00
	Tech Code Total:	179.00
	State Total:	38,779.00

State: UTAH

G	PL	30,000.00
	Tech Code Total:	30,000.00

H	PL	7,350.00
	Tech Code Total:	7,350.00

P	PL	2.00
	Tech Code Total:	2.00
	State Total:	37,352.00

State: WYOMING

W	PL	400,000.00
	PLHP	120,350.00
	Tech Code Total:	520,350.00
State Total:		520,350.00
FERC8 Total:		596,481.00

Report 4: Number of Units by Owner Name, Tech Code and Fuel Code

Tech Code: **BIO**

Fuel Code: **BG**

Owner Name: **BIO-ENERGY PARTNERS**

of Units Owned: **1.00**

Plant Name	State	Unit Code	Factored Capacity (kW)	Status Type	Unit Owned Factor
COUNTY LINE LANDFILL	CO	0	800.00	OP	1.00

Owner Name: **BOULDER, CO [CITY OF]**

of Units Owned: **2.00**

Plant Name	State	Unit Code	Factored Capacity (kW)	Status Type	Unit Owned Factor
75th ST. WASTEWATER TREATMENT PLANT	CO	1	262.50	OP	1.00
75th ST. WASTEWATER TREATMENT PLANT	CO	2	262.50	OP	1.00

Owner Name: **METRO WASTE WATER RECLAM DIST**

of Units Owned: **1.00**

Plant Name	State	Unit Code	Factored Capacity (kW)	Status Type	Unit Owned Factor
METRO DENVER SEWAGE	CO	0	8,280.00	OP	1.00

Tech Code Capacity (kW): 9,605.00

Tech Code: **W**

Fuel Code: **WND**

Owner Name: ******COMPANY UNKNOWN******

of Units Owned: **2.00**

Plant Name	State	Unit Code	Factored Capacity (kW)	Status Type	Unit Owned Factor
HEA - INDIVIDUAL #1	CO	1	10.00	OP	1.00
HEA - INDIVIDUAL #2	CO	1	8.00	OP	1.00

Owner Name: **FLESCH, BYRON**

of Units Owned: **1.00**

Plant Name	State	Unit Code	Factored Capacity (kW)	Status Type	Unit Owned Factor
FLESCH, BRYON	CO	1	4.00	OP	1.00

Owner Name: **LAMB, ALLEN**

of Units Owned: **1.00**

Plant Name	State	Unit Code	Factored Capacity (kW)	Status Type	Unit Owned Factor
LAMB, ALLEN	CO	1	4.00	OP	1.00

Report 5: Number of Operating Plants with Total Capacity, by State and Tech Code

State Name: **NEVADA**

Tech Code: **G**

Fuel Code: **GST**

Plant Name	Unit Code	Factored Capacity (kW)
BRADY POWER PLANT	0	23,000.00
BEOVAWE GEOTHERMAL POWER	0	8,500.00
BEOVAWE GEOTHERMAL POWER	0	8,500.00
DESERT PEAK	1	11,000.00
STEAMBOAT SPRINGS POWER PLANT	1	7,200.00
STEAMBOAT SPRINGS POWER PLANT	1A	2,400.00
STEAMBOAT SPRINGS POWER PLANT	2	15,000.00
STEAMBOAT SPRINGS POWER PLANT	3	15,000.00
WABUSKA	1	829.00
WABUSKA	2	829.00
DIXIE VALLEY	1	60,500.00
YANKEE/CAITHNESS	1	6,250.00
YANKEE/CAITHNESS	1	6,250.00
STILLWATER/AMOR IV	0	21,000.00
SODA LAKE	1	3,600.00
SODA LAKE	2	13,000.00
EMPIRE GEO. PROJ.	1	1,200.00
EMPIRE GEO. PROJ.	2	1,200.00
EMPIRE GEO. PROJ.	3	1,200.00
EMPIRE GEO. PROJ.	4	1,200.00

Tech Code # of Plants: 10.00

Tech Code Total: 207,658.00

State # of Plants: 10.00

State Total: 207,658.00

Total # of Plants: 10.00

Overall Total: 207,658.00

Report 6: Plant Name & Capacity, by State and Tech Code, with Status and Utility Involved

State Name: **FLORIDA**

Tech Code: **BIO**

Fuel Code: **AR**

Plant Name	City	Unit Code	Factored Capacity(kW)	Status Yr	Status Type	Utility Name	Contract Factor
CLEWISTON		0	5,000.00	1984	OP	FLORIDA POWER & LIGHT CO.	1.00
U.S. SUGAR		0	20,000.00	1980	OP	FLORIDA POWER & LIGHT CO.	1.00

Fuel Code: **BG**

Plant Name	City	Unit Code	Factored Capacity(kW)	Status Yr	Status Type	Utility Name	Contract Factor
BROWARD COUNTY LANDFILL		0	10,000.00		OP	FLORIDA POWER & LIGHT CO.	1.00
CENTRAL SANITARY LANDFILL & RECYCLING CENTER	POMPAÑO BEACH	0	12,000.00	1989	OP	FLORIDA POWER & LIGHT CO.	1.00
CITY OF TAMPA SEWAGE		0	2,500.00	1987	OP	****COMPANY UNKNOWN****	1.00
SUNBEAM LANDFILL	JACKSONVILLE	0	800.00	1990	OP	JACKSONVILLE ELECTRIC AUTH	1.00

Fuel Code: **TR**

Plant Name	City	Unit Code	Factored Capacity(kW)	Status Yr	Status Type	Utility Name	Contract Factor
BIOMASS POWER		0	7,500.00	1985	OP	FLORIDA POWER CORP.	1.00
CHAMPION	ESCAMBIA	0	78,200.00	1983	OP	GULF POWER CO.	1.00
CONTAINER CORP. OF AMERICA		0	100,000.00	1983	OP	FLORIDA PUBLIC UTILITIES CO.	1.00
LFC POWER SYSTEMS		0	8,300.00	1989	OP	FLORIDA POWER CORP.	1.00
RIDGE GENERATING STATION		0	19,800.00	1994	OP	FLORIDA POWER CORP.	1.00
RING POWER		0	500.00	1987	OP	JACKSONVILLE ELECTRIC AUTH	1.00
ST. JOE FOREST PRODUCTS		0	3,000.00	1983	OP	FLORIDA POWER CORP.	1.00
STONE CONTAINER CORP.		0	46,500.00	1935	OP	GULF POWER CO.	1.00
TIMBER ENERGY		0	12,800.00	1986	OP	FLORIDA POWER CORP.	1.00

Tech Code: **H**

Fuel Code: **WAT**

Plant Name	City	Unit Code	Factored Capacity(kW)	Status Yr	Status Type	Utility Name	Contract Factor
JACKSON BLUFF		1	4,440.00	1985	OP	TALLAHASSEE - ELECTRIC DEPT. (CITY OF)	1.00
JACKSON BLUFF		2	4,440.00	1985	OP	TALLAHASSEE - ELECTRIC DEPT. (CITY OF)	1.00

Using the User Interface

This section demonstrates the use of the REPiS3 User Interface. If any difficulties arise, you may need to consult the next section, *Troubleshooting*.

If you have just completed *Getting Started*, the REPiS3 Runtime UI window should be active on your screen. Otherwise, for Windows 3.1 users, in the Program Manager, open the Runtime group and double click the **Runtime** icon. For Windows 95 users, in the **Start** menu, choose **Programs** and select **REPiSUI**.

You should now be viewing this screen (REPiSUI.FSL for Windows 95 users):

This is the UI "Welcome" window. All interaction with the UI will proceed from this window. The only buttons necessary to use the UI are shown under the welcome message. After viewing a report, you can return to this window by closing the report window (not the Runtime window).

To view the fields that each report contains, as listed in the previous section, move the arrow onto one of the buttons, without clicking on it. A message will appear in the status bar at the bottom of the window telling you the important fields in the report. Place the arrow over each of the 12 report buttons to get a feel for the report fields.

Non-customized Reports

To create a non-customized report, select the desired report button. After a few moments, the first page of the report will appear.

Customized Reports

As a tutorial, we will customize Report 3 together. To customize each report, the process is generally the same; only the fields are different for each report. Choose the button, **Customize Report 3**. A dialog box will appear:

Choose **Yes**. Next, a pop-up-menu appears and asks you to select one, all, or a combination of statuses.

Select **Specify your own status combination** (see above). A dialog box appears, gives you a choice of statuses, and reminds you to “type ‘or’ between each status type.” Because you want all nonretired plants, delete the “or RE” or type “OP or PL or PLHP” (see below).

Select **OK**. A message information box tells you that “You chose: ‘OP or PL or PLHP.’”

Select **OK**.

Another pop-up-menu appears and asks you to select a technology code. You are interested in all technologies, so select **All Technologies** (see below).

Select the desired tech code(s)	
BIO	Bioenergy
G	Geothermal
H	Hydro
P	Photovoltaic
ST	Solarthermal
W	Wind
All Technologies	
Specify your own tech. combination	

A message information box tells you that "You chose: 'BIO or G or H or P or ST or W.'" Select **OK** to continue.

A new pop-up-menu appears and asks you to select one or all of 10 FERC regions. You are interested in the Mid-Atlantic region, so you select **Region 3** (see below).

Select the desired FERC region(s)	
Region 1	New England
Region 2	N.Y./N.J.
Region 3	Mid-Atlantic
Region 4	South Atlantic
Region 5	Midwest
Region 6	Southwest
Region 7	Central
Region 8	North Central
Region 9	West
Region 10	Northwest
All FERC Regions	

Another pop-up-menu appears and asks you to select one, all, or a combination of states from Region 3. You are interested in Maryland (MD), Pennsylvania (PA), and Virginia (VA). From the menu, you select **Specify your own combination** (see below).

Region 3
DC
DE
MD
PA
VA
WV
All States
Specify your own combination

A dialog box lists the states in Region 3 for your selection and reminds you to “type ‘or’ between each state abbreviation.” You type “MD or PA or VA” and choose **OK** (see below).

A message information box tells you that you chose: “MD or PA or VA.” Choose **OK**.

Next, a dialog box asks you to input a capacity lower limit (“Capacity greater than:”).

If you would like all capacities to be included in the totals, select **OK** (see above). Otherwise, input the desired lower limit of capacity (ex: 100 [kW]), and the report will only show and total those units with capacities greater than 100 kW.

This completes the customization process. The other report customizations ask the same types of questions with different field combinations. Reports 4 and 6 ask if you would like to specify an owner name or utility involved. Field names must be entered exactly as they are contained in REPIS3; therefore, refer to Appendix A for a complete listing of the names in those fields.

Viewing the report

Once you have selected your report parameters, the computer prepares your report. Depending on its size, you may see the following message box for awhile (slightly different for each report). It signifies that the computer is preparing the first page of the report. If the customized report has multiple pages, it will take the computer more time to prepare.

Depending on the size of the customized report, the processing time may be anywhere from a few seconds to a few minutes before the first page appears on the screen. Use the vertical and horizontal scroll bars to view the entire report page.

You can print the report by selecting the printer icon in the upper left corner of the window. To view page 2 and any additional pages of a report, use the arrows at the top-center of the window (see below). The buttons are, from left to right: go to page 1, go to previous page, go to next page, go to the last page, go to page # (which you specify).

After you finish viewing and printing the report, close the report window (not the Runtime window) to return to the UI Welcome window. It is important to close the report window after each use because it allows you to do another customization of that report. If, for example, Report 3 is open, but hidden, and you attempt to customize that report again, an error message will appear telling you that C:\...\Gamma3c.db (the answer table for Report 3) is already in use.

Tips

- 1) Use the non-customization buttons for non-customized reports. The customized report formats differ slightly from the non-customized version. The customized reports formats are designed for more concise reports.
- 2) Customized reports are designed to help you focus on specific parameters. The larger the report, the longer the processing time. Therefore, it is recommended that you be specific when choosing report parameters.
- 3) To end a customization midstream, simply click outside a pop-up-menu. This will negate your specified parameters and allow you to start over.

Definitions

FERC—Federal Energy Regulatory Commission

Factored Capacity—the renewable fraction of capacity (total unit capacity - fossil fraction) multiplied by the fraction of ownership.

Unit Owned Factor—the fraction of ownership in a unit for the listed owner.

Status Year—the year in which the operating/retired plant data is current; the year in which the planned (PL or PLHP) plant is expected to come on-line.

Contract Factor—the fraction of the capacity of a unit that the specified utility is contractually obligated to purchase.

Troubleshooting

All Windows Platforms

As with any program, you may, on occasion, experience an error when using the UI. The following tables describe errors that might arise and how to fix them.

Common Errors	Explanations/Solutions
You cannot find the UI file	Open the Runtime program. From the Start menu, choose Programs, Runtime, REPiSUI .
The customized report is empty	There may be no plants or units in REPiS3 that correspond to the input parameters. Or, when you specified a combination of parameters, 'or' was omitted or there was a misspelling. <u>Refer to the Appendices for a complete listing of company names and REPiS3 codes and abbreviations.</u>
The first state specified in a combination does not appear in the report	There may be no plants or units in REPiS3 that correspond to the input parameters. Or, when you entered the states, there was a space between the first letter of the first state and the left margin of the dialog box. <u>Try the customization again, and be sure to eliminate any spaces between the left margin and the first state.</u>
When you specified your own combination, all the parameters did not appear in the report	There may be no plants or units in REPiS3 that correspond to the input parameters. Or, the specified codes/abbreviations were not capitalized. Only company names are not fully capitalized. <u>Try again, making sure to fully capitalize all codes and abbreviations.</u>
It takes forever to prepare the report and view additional pages of the report	The REPiS3 database is very large, and to generate the best information for the user, it may take a few minutes to prepare each page of a report. <u>Reduce the number of parameters for each customization in order to create smaller and quicker reports.</u>

A possible error message that might occur during the use of the UI is shown below. The following table offers solutions to the three secondary error messages that appear after the forward button (">>") is selected.

Error message.

Second error message	Explanation/Solution
<i>C:\...*.DB is already in use</i>	You have tried to customize a report while another version of the report was already open. Choose OK and the older version will reopen. Close that version, and then minimize the UI window. Close the second copy of the report. Restore the UI window to normal size, and proceed with your customization. <u>If you attempt to customize any report, while another version of the report is open, this message will tell you that the answer table, a *.DB file, is already in use.</u>
<i>Query string is empty</i>	While inputting your combination for one of the parameters, there was an error. Perhaps an 'or' was omitted, or it was input incorrectly. Choose OK . Close the resulting report and start anew. <u>Refer to the Appendices for a complete listing of company names and REPiS3 codes and abbreviations.</u>
<i>Syntax error in expression Image2 Table: Plntloc.db Field: State</i>	No quotes were placed around the abbreviation for Oregon, OR. Because "or" is a Paradox keyword, the abbreviation for Oregon, OR, must be placed in quotes. Otherwise it is read as "or", no matter the case. Choose OK , close the resulting report, and start anew, remembering to place quotes around "OR".

If a persistent problem arises that is not addressed in *Troubleshooting*, you can contact the REPiS3 database administrator at NREL. The phone number is (303) 384-7468.

Appendix A

List of Company Names in the REPiS3 Database

**** NOT DETERMINED ****

****COMPANY UNKNOWN****

****TO BE DETERMINED****

3M COMPANY
A W BROWN COMPANY INC.
A. E. MILLIGAN
A.B.B. RESOURCE RECOVERY
A.H. HALEY
A.P. KIEWER
A.T. ERKSINE
ABBEVILLE WATER & ELEC PLANT
ABBOTT, LINCOLN AND BARBARA
ABITIBI-PRICE
ABRAHAM, DARLENE
ACTON TURBO ELECTRIC
ADAMS, R.B.
ADAMS-MARQUETTE ELECTRIC COOPERATIVE
ADDISON
ADIRONDACK HYDRO DEVELOP. CORP
ADIRONDACK R.R. ASSOCIATES
ADVANCED WIND TURBINES
ADVANCO CORP.
AEOULUS WINDFARMS INC.
AEROGENERATOR
AFTON ENERGY INC.
AGRALITE COOPERATIVE
AGRILECTRIC
AHO, GENE
AIR RESOURCES CORPORATION
AIRTRICTY CORPORATION
AKIN, RICHARD E.
AKZONA INC.
ALABAMA ELECTRIC COOP INC.
ALABAMA POWER CO
ALABAMA RIVER PULP CO.
ALAMOGORDO [CITY OF]
ALAN CRUMMY
ALASKA AQUACULTURE INC.
ALASKA DEPT. OF FISH & WILDLIFE
ALASKA ELECTRIC LIGHT & POWER
ALASKA ENERGY AUTHORITY
ALASKA POWER & TELEPHONE CO.
ALASKA POWER ADMINISTRATION
ALBANY HYDRO ASSOCIATES
ALBANY JEWISH COMMUNITY CENTER
ALBERT R. LAVALLEY, INC.
ALBIN, REX
ALEXANDRIA POWER
ALFORDS, JOHN
ALFRED TEUFEL NURSERY
ALGER DELTA COOP ELECTRIC ASSN
ALISO WATER MANAGEMENT AGENCY
ALLEGHENY ELECTRIC COOP INC.
ALLEN, A J
ALLWOOD INC.
ALPENA POWER CO.
ALPHA SOLARCO CORP.
ALTAMONT ENERGY
ALTAMONT LANDFILL
ALTECH ENERGY LTD

ALTERNATIVE ENERGY INSTITUTE
ALTERNATIVE ENERGY SOURCES
ALTERNATIVE POWER LIMITED PARTNERSHIP
ALTURAS CEMETARY DISTRICT
AMEDEE GEOTHERMAL VENTURE I
AMERICAN DIVERSIFIED
AMERICAN ELECTRIC & POWER LTD.
AMERICAN ELECTRIC POWER CO INC
AMERICAN ENERGY CORP
AMERICAN ENERGY PROJECTS
AMERICAN HYDRO
AMERICAN HYDRO PARTNERSHIP
AMERICAN HYDRO POWER CO.
AMERICAN MUN POWER-OHIO INC.
AMERICAN POWER SYSTEMS INC.
AMERICAN R.E.F.-FUEL [ESSEX]
AMERICAN REF-FUEL INC. (GREEN ISLAND-NY)
AMERICAN REF-FUEL INC. (TX)
AMERICAN REF-FUEL OF NIAGARA
AMERICAN RESOURCE RECOVERY - ST CROIX
AMERICAN RESOURCE RECOVERY CO.
AMERICAN WASTE MANAGEMENT
AMERICAN WIND ENERGY SYSTEMS
AMERICAN WOOLEM CO.
AMERON HC-D CEMENT CO.
AMES MUNICIPAL ELECTRIC SYSTEM
AMES, CITY OF
AMMONS, JOE
AMORIENT AQUACULTURE
AMY, JAKE
ANADARKO PETROLEUM
ANCHORAGE MUN. LIGHT & POWER
ANDERSON, CHANCE
ANDERSON, CHARLES
ANDERSON, WAYNE
ANDERSON, WESLEY
ANDRETTI, MARIO
ANN ARBOR BARTON SUPERIOR DAM
ANOKA ELECTRIC DEPARTMENT
ANOOSH MIZANY
ANTELOPE VALLEY CALIF-POPPY RESERVE
ANTHONY, CHRISTOPHER M.
ANTRIM COUNTY
APPALACHIAN POWER CO.
AQUAENERGY SYSTEMS INC.
AQUAMAC CORP.
AQUENERGY-RIEGEL TEXTILES
ARBUCKLE MOUNTAIN HYDRO PARTNERSHIP
ARBUTUS CORP.
ARCENEAU, ELMER
ARCHER, JOHN
ARCHIE FORD
ARCO METALS CO.
ARCO SOLAR
ARCTIC DEVELOPMENT CORP.
ARGYLE (VILLAGE OF)
ARIZONA DAIRY CO.
ARIZONA MICRO-PORCUPINE
ARIZONA PORK PRODUCERS
ARIZONA POWER AUTHORITY

ARIZONA PUBLIC SERVICE CO.
 ARIZONA STATE UNIVERSITY PV INSTALLATION
 ARKANSAS ELECTRIC COOP CORP.
 ARKANSAS POWER & LIGHT CO.
 ARKOOSH, WILLIAM
 ARMSTRONG, KETA
 ARS GROUP
 ASHLAND (CITY OF)
 ASHLAND DEPT OF ELECTRIC UTILS
 ASHLAND ELECTRIC DEPT
 ASPEN MUNIC ELECTRIC SYSTEM
 ASSORTED HAWAIIAN RESIDENTIAL WIND
 TURBINES OWNERS
 AT & T CREDIT CORP.
 AT&T
 ATLANTA POWER CO INC.
 ATLANTIC CITY ELECTRIC
 ATLANTIC COAST PAPERBOARD
 ATLANTIC ENERGY SYSTEMS
 AUBERRY ENERGY
 AUBURN (CITY OF)
 AUDETTE, FLOYD AND CLAIRE
 AUSTIN ELECTRIC DEPT (CITY OF)
 AUSTINSHIRE WINDMILL
 AVERY DAM
 AYERS, H.L.
 B.S. PEABODY
 BAARTMAN, BART
 BABCOCK & WILCOX (NATIONAL ECOLOGY)
 BABYLON (TOWN OF)
 BACH, JOHN
 BADGER PRAIREI CARE CENTER
 BAHOVEC, FRED
 BAILEY CREEK RANCH
 BAKER
 BAKER (CITY OF)
 BAKER, JAMES
 BALLOU, JOHN
 BALTIMORE COUNTY
 BALTIMORE GAS & ELECTRIC CO.
 BANASTER, FRED
 BANGOR HYDRO-ELECTRIC CO.
 BANK OF BOSTON
 BANK OF OKLAHOMA
 BARBER NICHOLS ENG.
 BARC ELECTRIC COOP
 BARNES, WILLIAM
 BARNET HYDRO COMPANY
 BARRON & WASHBURN
 BARRON COUNTY WASTE
 BARRON ELECTRIC COOPERATIVE
 BARRON LIGHT & WATER DEPT
 BARTA, RICHARD
 BARTLETT
 BARTON (VILLAGE OF)
 BARWAL INC.
 BASIN BARRIER HYDRO
 BASIN ELECTRIC POWER COOP
 BATES COLLEGE
 BATES MANUFACTURING CO.

BATES, DANIEL M
 BAUER
 BAUGHMAN & SON
 BAUM, FLOYD
 BAUSCH, JAMES
 BAY COUNTY RESOURCE MANAGEMENT
 BAY ENERGY SERVICES
 BEAN, RICHARD L. ET AL
 BEAVER CITY MUN ELEC LIGHT&WTR
 BEAVER FALLS MUNICIPAL AUTH.
 BEAVER, W L AND CRUZ, E S
 BEAVERTON (CITY OF)
 BECHTEL CIVIL, INC.
 BECHTEL GROUP
 BECKMAN, C (STURGESS)
 BECKWITH, DELBERT
 BEDFORD MUNICIPAL ELEC DEPT
 BEEBEE ISLAND CORP.
 BEECH RIVER MILL
 BEGENT, HAROLD A.
 BELL ENTERPRISES
 BELLOWS-TOWERS HYDRO INC.
 BENDEL, JEFF
 BENEDICTINE SISTERS
 BENICIA (CITY OF) WASTEWATER TREATMENT
 PLANT
 BEOVAWE GEOTHERMAL POWER CO.
 BERARD, R.P.
 BERGEN, WALTER
 BERGSTROM PAPER CO.
 BERKELEY COUNTY
 BERNDT, JAMES
 BERNE CLAUSEN
 BERTHOLD MORITZ
 BERTOLERO, LEROY
 BES HYDRO CO.
 BETHEL MILLS INC.
 BEVERLY HIGH SCHOOL
 BIBER, FRANK
 BIG VALLEY LUMBER CO.
 BIG WOOD CANAL CO.
 BINGHAM ENGINEERING
 BIO-ENERGY PARTNERS
 BIO-ENERGY WOOD
 BIOELECTRIC COGENERATION
 BIOGAS TECHNOLOGY
 BIOGEN POWER
 BIOMASS ENERGY CO.
 BIOMASS ONE LTD. PARTNERSHIP
 BIOMASS POWER CORP.
 BIRCH CREEK TROUT CO.
 BLACK CREEK HYDRO
 BLACK HILLS CORP
 BLACK RIVER FALLS MUN UTILS
 BLACK RIVER POWER CO.
 BLACKSTONE HYDRO
 BLACKSTONE MILL
 BLACKSTONE VALLEY ELECTRIC CO
 BLACKWELL, GAYNOR
 BLANDIN PAPER CO.

BLENHEIM WIND POWER INC.
 BLOUNT CORP.
 BLOUNT ENERGY RESOURCES CORP.
 BLUE MOUNTAIN FOREST PRODUCTS INC.
 BLUE RIDGE ELEC MEMBER CORP.
 BLUE TRIANGLE HARDWOOD
 BLUESTONE ENERGY DESIGN INC.
 BOGUS CREEK
 BOHEMIA - LINCOLN COGEN
 BOISE CASCADE CORP.
 BOISE,ID [CITY OF]
 BOLING, MARCIA
 BONNERS FERRY [CITY OF]
 BONNEVILLE PACIFIC CORP.
 BONNEVILLE POWER ADMIN
 BORNHOFT CONCRETE
 BOROUGH OF NORTH EAST
 BOSTON EDISON CO.
 BOSTON FELT
 BOSTON METRO DIST COMMISSION
 BOSTON POWER
 BOULDER HYDRO
 BOULDER,CO [CITY OF]
 BOUNTIFUL CITY LIGHT & POWER
 BOWATER SOUTHERN PAPER CO.
 BOWERSOCK MILLS & POWER CO.
 BOWMAN, CHUCK
 BOYD, JAMES
 BOYS COUNTRY OF HOUSTON
 BRADY POWER
 BRAENDLY DYE WORKS INC.
 BRANCH RIVER HYDRO POWER
 BRANCH RIVER MILL INC.
 BRAZOS RIVER AUTHORITY
 BREEDLOVE, WILLIAM
 BRIAR HYDRO
 BRIEBELL, LLOYD
 BRIGGS, GEORGE A.
 BRIGHAM CITY LIGHT & POWER
 BROAD RIVER ELECTRIC COOP INC.
 BROOKLINE IMPACT 2000
 BROOKS RESIDENCE
 BROWN, J.
 BROWN, JAMES R.
 BROWN, KENNETH
 BROWN, MALCOLM S.
 BROWN, ROBERT
 BROWN, S & H (EXCESS)
 BROWN-ATCHISON EL COOP ASSN IN
 BROWN-NEW HAMPSHIRE INC.
 BROWNING-FERRIS INDUSTRIES
 BROWNS VALLEY IRRIGATION DIST.
 BRUNSWICK PULP AND PAPER
 BUCHAN & HEINEN PKG CO.
 BUCHANAN COUNTY RRL ELEC COOP
 BUCKEYE CELLULOSE
 BUCKEYE FINANCIAL INTERNATIONAL
 BUCKNER, HARRY
 BUEHLER, DAVID
 BUENA PARK [CITY OF]

BUFFALO HYDRO INC.
 BUICK DEALERSHIP
 BUILDERS TRANSPORT INC.
 BUILDING SPRINKLER CO.
 BURBANK PUBLIC SERVICE DEPT.
 BURDICK, JAMES C.
 BUREAU OF RECLAMATION
 BURGESS, JOHN
 BURKHOLDER, HARRY
 BURLINGTON ELECTRIC DEPT
 BURLINGTON INDUSTRIES
 BURNSHIRE DAM
 BURSON LIVESTOCK AND POWER
 BURT DAM POWER CO.
 BUTLER COUNTY RURAL ELEC COOP
 BUTLER, GEORGE
 BUYSSEE, MARK
 BYNES FALLS HYDRO
 BYNUM HYDRO CO.
 C & S LUMBER CO
 C & W RURAL ELEC COOP ASSN INC
 C&A WALLCOVERINGS INC.
 C. SMITH
 C.J. DEWAARD
 C.M.I. ENERGY CONVERSION SYSTEMS
 C.W. MILLER, JR.
 CAITHNESS CORP.
 CAL BAN POWER CORP.
 CAL BIO RESOURCES
 CAL POLY
 CALAVERAS PUBLIC POWER AGENCY
 CALIFORNIA AGRICULTURAL POWER CO.
 CALIFORNIA ALMOND GROWERS
 CALIFORNIA DEPT-WTR RESOURCES
 CALIFORNIA ENERGY
 CALIFORNIA FISH GROWERS INC.
 CALLEGUAS MUNICIPAL
 CALLIS ATKINS
 CALPINE CORP. JOINT VENTURE
 CALVIN HORGER
 CALWIND RESOURCES INC.
 CAMBRIAN ENERGY SYSTEMS
 CAMDEN CO. ENERGY RECOVERY ASSOCIATES
 CAMPBELL, DOC
 CAMROSA COUNTY WATER DISTRICT
 CANADIAN R. MUN. H2O AUTHORITY
 CANALI, ALBERT
 CANNON ENERGY CORP.
 CAPULIN MOUNTAIN NATIONAL MONUMENT
 CARES -(CONSERVATION AND RENEWABLE
 ENERGY SYS)
 CARGAN RESOURCES
 CARGILL
 CARIZZO SOLAR CORP.
 CARL HERR POULTRY FARM
 CAROLINA POWER & LIGHT CO.
 CAROLLA, GENE
 CARRIZO SOLAR CORPORATION
 CARTER WIND TURBINES
 CASAS DEL SOL

CASCADE ENERGY LTD PARTNERSHIP
 (CONSOLIDATED HYDRO
 CASCADE POWER CO.
 CASCADE TOWNSHIP
 CATALYST W-T-E CORP. - KEY WEST
 CATALYST-ENERGY
 CATERPILLAR CAPITAL
 CCC ALTERNATIVE ENERGY VENTURES
 CEDA-PINE VENEER, INC.
 CELI/MISSION
 CENTENNIAL
 CENTRAL & SOUTH WEST SERVICES
 CENTRAL CALIFORNIA IRRIGATION DISTRICT
 CENTRAL CALIFORNIA PWR AGENCY
 CENTRAL HUDSON GAS & ELEC CORP
 CENTRAL ILLINOIS LIGHT CO.
 CENTRAL LOUISIANA ELEC CO INC.
 CENTRAL MAINE POWER CO.
 CENTRAL MANUFACTURING DISTRICT
 CENTRAL MARIN PROJECT
 CENTRAL MICHIGAN UNIVERSITY
 CENTRAL NE PUB PWR & IRIG DIST
 CENTRAL OREGON IRRIGATION DIST
 CENTRAL PLANTS INC.
 CENTRAL POWER & LIGHT CO.
 CENTRAL VERMONT PUB SERV CORP
 CENTRAL WAYNE CO. SANITATION AUTHORITY
 CENTRALIA LIGHT DEPARTMENT
 CENTREVILLE HYDRO
 CEREGHINO, DAVID
 CEREZA
 CHAMBERLAIN FALLS
 CHAMPION
 CHAMPION INTERNATIONAL CORP.
 CHAMPION PAPER CO.
 CHANUTE MUNIC ELECTRIC DEPT
 CHAPMAN DAM
 CHARLEVOIX MUNICIPAL UTILITIES
 CHARWILL REALTY
 CHATEAU CHASM HYDRO
 CHELAN/WWP
 CHERRY BUILDING APARTMENTS
 CHERRY ISLAND LFG. CO.
 CHERRYWOOD FARMS
 CHESAPEAKE
 CHESTER WATER AUTHORITY
 CHEVRON USA
 CHICO SEWAGE DISPOSAL FACILITY
 CHICOPEE ELECTRIC LIGHT DEPT
 CHINO MUNICIPAL WATER DISTRICT
 CHINOOK WIND PROJECTS
 CHIQUITA WATER PLANT
 CHIRACAHUA HOG FARM
 CHITTENDEN FALLS HYDRO PWR INC
 CHOPTANK ELECTRIC COOP INC.
 CHRISTIANSTED HYDRO
 CHRISTOPHER, GEORGE
 CHRYSLER CAPITAL
 CHRYSLER CREDIT CORP.
 CHUGACH ELECTRIC ASSN INC.

CHW ENERGY CORP
 CIMARRON, CITY OF
 CIT GROUP
 CITIZENS ELECTRIC CO.
 CITIZENS POWER AND LIGHT
 CITIZENS UNION 8
 CITIZENS UTILITIES CO [CT]
 CITIZENS UTILITIES CO [VT]
 CITIZENS UTILITIES CO. [HI]
 CITY OF NORTH LOGAN
 CLAREMONT HYDRO ASSOCIATION
 CLAREMONT PAPER COMPANY
 CLARK PUBLIC UTILITIES
 CLEAR SPRINGS TROUT CO.
 CLEARWATER HYDRO
 CLEBURN [CITY OF]
 CLEVELAND CLIFFS IRON CO.
 CLEVELAND ELECTRIC ILLUM CO
 CLIFFS ELECTRIC SERVICE CO.
 CLIFTON POWER CO.
 CLIMAX MANUFACTURING CO.
 CLINCH RIVER CORP.
 CLINTON (CITY OF)
 CMS GENERATION OPERATING CO
 CNA REALTY
 COBB AND FULTON COUNTIES
 COCHECO FALLS
 COE, MERILYN
 COGENERATION INC. [ID]
 COGENERATION MICHIGAN ASSOCIATES LIMITED
 PARTNERSH
 COGENERATION NATIONAL CORP.
 COINER MILL
 COLE, ROBERT
 COLLINS PINE
 COLMAC ENERGY, INC.
 COLORADO RIVER INDIAN IRR PROJ
 COLORADO SPRINGS - DEPT. OF ELEC. GEN. (CITY
 OF)
 COLORADO-UTE ELECTRIC ASSN INC
 COLUMBIA BASIN PROJECT IRR DT
 COLUMBIA RIVER PEOPLES UT DIST
 COLUMBUS DIVISION OF ELECTRICITY
 COLUMBUS SOUTHERN POWER CO
 COLUMBUS, CITY OF
 COMBUSTION ENGINEERING
 COMM. OF PUB. WKS.-SPARTANBURG WAT. SYS.
 COMMERCE REFUSE TO ENERGY AUTHORITY
 COMMONWEALTH EDISON CO.
 COMMONWEALTH ELECTRIC CO.
 COMMONWEALTH POWER CO.
 COMMUNITY ENERGY ALTERNATIVE
 COMMUNITY ENVIRONMENTAL COUNCIL INC.
 COMTU FALLS
 CONAGRA, INC.
 CONCORD ELECTRIC CO
 CONE MILLS CORP.
 CONFIDENTIAL CA WIND FARM #1
 CONFIDENTIAL CA WIND FARM #2
 CONFIDENTIAL CA WIND FARM #3

CONFIDENTIAL CA WIND FARM #4
 CONNECTICUT LIGHT & POWER CO.
 CONNECTICUT NATIONAL BANK (TRUSTEE)
 CONNECTICUT RESOURCE RECOVERY
 AUTHORITY
 CONNECTICUT VALLEY ELEC CO INC
 CONSOLIDATED EDISON CO POTOMAC
 CONSOLIDATED EDISON CO-NY INC.
 CONSOLIDATED HYDRO
 CONSOLIDATED PAPERS INC.
 CONSOLIDATED WATER POWER CO
 CONSORTIUM OF WI UTILITIES
 CONSTELLATION DEVELOPMENT
 CONSULTING ASSOCIATES
 CONSUMERS POWER CO.
 CONTAINER CORP. OF AMERICA
 CONWINGO POWER CO.
 COOK INDUSTRIES INC.
 COOKSON GRAPHICS, INC.
 COOPER, MIKE
 COOPERATIVE LIGHT & POWER ASSN
 COOS-CURRY ELECTRIC COOP INC.
 COPENHAGEN ASSOCIATES
 CORAM ENERGY GROUP LTD
 CORDOVA ELECTRIC COOP INC.
 CORN BELT ELECTRIC COOP INC.
 CORN PRODUCTS COMPANY
 CORNELL HYDRO
 CORRY MUNICIPAL
 COTA, BOB
 COTTRELL PAPER CO.
 COUNTY OF SANTA CRUZ
 COUNTY WATER TREATMENT PLANT
 COVE (CITY OF)
 COX LAKE CARBONTON ASSN
 COX LAKE HYDROELECTRIC
 CP NATIONAL CORP.
 CRAFT, SUSAN
 CRAIG-BOTETOURT ELECTRIC COOP
 CRANE, PAUL T.
 CRATER LAKE LUMBER COMPANY
 CRESTICON
 CRISP COUNTY POWER COMMISSION
 CROMWELL, GARY A.
 CRON, OLIVER M., AND GAIL M.
 CROOKSTON WELDING
 CROWN SIMPSON PULP CO.
 CROWN ZELLERBACH CO.
 CRS SIRRINE INC.
 CRYSTAL FALLS ELECTRICAL DEPT
 CRYSTAL SPRINGS HYDROELECTRIC
 CSK TRIBES [BOULDER CREEK-HYD]
 CTIP INC.
 CTV MARKETING GROUP
 CUCAMONGA COUNTY WATER DISTRICT
 CULLMAN ELECTRIC COOP
 CUMBERLAND MFG. CORP.
 CUMBERLAND POWER CORP. INC.
 CURRY CATTLE CO.
 CURRY, DALE

CURT DANIELSON
 CURTIN BROS INC.
 CURTIS ENGINE & EQUIPMENT COMPANY
 CURTIS, EDWIN
 CURTIS, JOHN A.
 CURTIS, PAUL
 CURTISS LIVESTOCK
 CYR, DAVID
 D.R. JOHNSON LUMBER CO.
 DACEY, JOHN
 DADE COUNTY RESOURCE RECOVERY
 DAGGETT LEASING
 DAHL, PETER
 DAHL, WILLARD
 DAHLBERG LIGHT & POWER CO
 DAIRYLAND POWER COOPERATIVE
 DAKOTA COUNTY
 DAKOTA ELECTRIC ASSN
 DAN RIVER MILLS INC.
 DANDKLER, GLEN
 DANE COUNTY
 DANEBOOD VILLAGE
 DANIEL GREEN CO.
 DANIEL WHITEHEAD
 DANIEL, JACK
 DANIELSON, VINCE
 DANISH PACIFIC WINDPOWER
 DANVILLE ELECTRIC DEPT. (CITY OF)
 DAVID R SNEDIGAR
 DAVIES, DARREL
 DAVIS (CITY OF) WASTEWATER TREATMENT
 PLANT
 DAVIS, (CITY OF)
 DAVIS, DALE R.
 DAVIS, DAVID
 DAW FOREST PRODUCTS CO.
 DAYTON POWER AND LIGHT CO.
 DEAL, JOHN
 DEAN LUMBER COMPANY
 DECKER ENERGY [SUPER FARMING]
 DEDEKIND, LOWELL
 DEEP RIVER HYDRO CO.
 DEEP SPRINGS COLLEGE
 DELAWARE SOLID WASTE AUTHORITY
 DELMARVA CAPITAL TECHNOLOGY CO.
 DELMARVA OPERATING SERVICES
 DELMARVA POWER & LIGHT CO.
 DELONG, DAVID
 DELTA DIABLO S. DISTRICT
 DELTA MUNICIPAL LIGHT & POWER
 DEMERA, DAVID
 DENNIS, GEORGE
 DENTON MUNICIPAL UTILITIES
 DENVER [CITY & COUNTY OF]
 DEPARTMENT OF ENVIRONMENTALSERVICES
 DEPT OF INCIN, AND STEAM GEN.
 DESCHUTES VALLEY WATER DISTRICT
 DESERT POWER CO.
 DESERT WATER AGENCY
 DESERT WINDS PPC TRUST

DETROIT EDISON CO.
 DETROIT RESOURCE RECOV. FACIL.
 DEVENEY, WILLIS & BETTY
 DEVINE JR., WILLIAM T.
 DEWEY
 DEXTER C.H.
 DIAMOND FRUIT GROWERS INC.
 DIAMOND S. RANCH
 DIAMOND WALNUT GROWERS INC.
 DIAMOND, CHARLES
 DIANA-DOLGEVILLE CORP.
 DIBBLE, CARL H.
 DIFANI, CHRIS
 DIGITAL EQUIPMENT CORP.
 DINOSAUR POINT WIND FARM
 DINUBA ENERGY INC.
 DIRIGO DOWELS INC.
 DISNEY, JUDY
 DIXIE ELECTRIC POWER ASSN
 DIXON (CITY OF)
 DJ FIGOR
 DODDS, DR. JOHN
 DODSON, JOHN A.
 DOLLAR CORPORATION
 DOMCO ENERGY INC.
 DOMINICK SANTA MARIA
 DORCHESTER LUMBER CO.
 DORIZZI, JOHN
 DORSEY, ELLIOTT
 DOTHAN ELECTRIC DEPT.
 DOTLAND, HUBERT
 DOUGLAS (COUNTY OF)
 DOUGLAS ELECTRIC COOP INC.
 DOUGLAS ENERGY
 DOUGLAS WATER POWER CO.
 DOVER MUNICIPAL ELECTRIC UTILITY
 DOW CORNING CORP
 DOWNING, COLEMAN
 DRAGOTTO, JACK
 DRAPERY MANUFACTURING INC.
 DRAVO CORP.
 DRESSER-RAND
 DUBLIN SERVICES DISTRICT
 DUCK RIVER ELEC MEMBER CORP
 DUDLEY HYDRO
 DUKE POWER CO.
 DUQUESNE LIGHT CO.
 DUTCHESS COUNTY RESOURCE RECOVERY
 AGENCY
 DUTCHESS RESOURCE MANAGEMENT
 DYLEWSKI, THEODORE
 DYSART, DAVID
 DZINGLE, RODGER
 E. L. COPLEY
 EAMES, LEONARD
 EARTH POWER RESOURCES
 EAST BAY MUNICIPAL UTIL DIST
 EAST CENTRAL ELECTRIC ASSN
 EAST CENTRAL OK ELEC COOP INC.
 EAST PENNSBORO [TOWN OF]

EASTERN ILLINI ELECTRIC COOP
 EASTERN MAINE ELECTRIC COOP
 EASTERN UTILITIES ASSOCIATES
 EASTERN WISCONSIN UTILITIES
 EASTMAN KODAK CO.
 EASTSIDE TRAILER PARK
 EBASCO SERVICES
 ECKMAN, CHARLES
 EDELMAN ENTERPRISES
 EDISON SAULT ELECTRIC CO.
 EDSON, DALE
 EDWARDS MFG. CO.
 EGBERT RESIDENCE
 EHDE, ART
 EHLERS, FREDERICK
 EL DORADO [MONTGOMERY CREEK]
 EL PASO ELECTRIC CO
 EL PASO POST OFFICE
 EL SEGUNDO (CITY OF)
 ELIZABETH WEBBING MILLS
 ELK RIVER MUNICIPAL UTILITIES
 ELKEM METALS CO.
 ELLEN JR., JOSEPH R.
 ELLIS, ROBERT L.
 EMERALD PEOPLE'S UTILITY DISTRICT
 EMPIRE DISTRICT ELECTRIC CO
 EMPIRE ELECTRIC ASSN INC.
 ENDLESS ENERGY
 ENERCO SYSTEMS, INC.
 ENERGY 21
 ENERGY ANSWERS CORP.
 ENERGY CENTER INC.
 ENERGY CONVERSION TECHNOLOGY, INC.
 ENERGY DISTRIBUTION CO.
 ENERGY NATIONAL
 ENERGY R.R.
 ENERGY RECOVERY OF BATTLEBORO
 ENERGY TACTICS
 ENOS, D.
 ENOSBURG FALLS WTR& LIGHT DEPT
 ENRON CORP
 ENTECH INC.
 ENTERPRIZE POWER STATION LTD PARTNERSHIP
 (DECKER)
 EPHRAIM CITY POWER DEPT
 EPRI
 ERIE COUNTY VO-TECH
 ERKER, LAWRENCE A. AND HELEN E.
 ERWIN RESIDENCE
 ESCONDIDO [CITY OF]
 ESI ENERGY
 ESOCO ORRINGTON, INC.
 ESSEX HYDRO
 ESTES PARK LIGHT & POWER DEPT.
 EUGENE WATER & ELECTRIC BOARD
 EUI MANAGEMENT PH INC.
 EUSTIS HYDRO CO. INC.
 EVANS, DANIEL N.
 EVANS, ELAINE, AND SMITH, DON
 EVERSON AUTO PARTS

EXETER & HAMPTON ELECTRIC CO
 EXETER ENERGY LIMITED PARTNERSHIP
 EXPRESS ENERGY -
 FACKRELL, ROBERT
 FAIRBANKS MILL
 FAIRFAX COUNTY WATER AUTHORITY
 FAIRHAVEN POWER
 FAIRVIEW MUN LIGHT & PWR PLANT
 FALL RIVER RURAL ELEC COOP INC
 FALLING SPRINGS HYDRO POWER
 FALLON, TIMOTHY R.
 FANNIN, ALLEN
 FAR WEST HYDRO
 FARMERS IRRIGATION #2
 FARMERS MUTUAL ELECTRIC CO.
 FARMINGTON ELECTRIC UTILITY SYSTEM
 FARMINGTON RIVER POWER CO.
 FARRAR, KEITH
 FARRAR, WALTER
 FAUCHER, MARCEL
 FAULKNER LAND & LIVESTOCK
 FAYETTE MFG. CO.
 FEDERAL AVIATION ADMINISTRATION-CA
 FEDERAL HAWAII PV INSTALLATION #1
 FEDERAL PAPER BOARD
 FEDORKO
 FELLEY, DONALD
 FELTS MILLS ENERGY PARTNERS L.P.
 FERGUSON, JERRY
 FERGUSON, ROBERT
 FERT-L-FLOW
 FERY, LLOYD
 FIBREBOARD
 FIELD CREST MILLS INC.
 FIELDS MANUFACTURING CO.
 FIGOR, D J
 FILTRATION SCIENCES
 FILTRINE MANUFACTURING
 FINCH PRUYN AND CO.
 FINKENBINDER, DALE
 FINLEY, LOIS
 FISCHER, DON
 FISH & WILDLIFE SVCS; U.S. DEPT. OF INT.
 FISHER, JOHN
 FISKE MILL HYDRO
 FITCHBURG GAS & ELEC LIGHT CO.
 FITZPATRICK, RANDY
 FIVE UTILITIES
 FLAMBEAU PAPER CORP.
 FLEMING, PAUL AND MARY
 FLESCH, BYRON
 FLETCHER PAPER
 FLO-ENERGY
 FLORIDA POWER & LIGHT CO.
 FLORIDA POWER CORP.
 FLORIDA PUBLIC UTILITIES CO.
 FLOWER BROOK
 FLOWIND CORP.
 FLUOR (SPRINGFIELD R.R.)
 FORD MOTOR CO.

FORD MOTOR CREDIT CORP
 FOREST FUELS, INC.
 FORSTER MFG CO.
 FORSTER, EDWARD AND RON
 FORSYTH WATER & LIGHT DEPT
 FORT DODGE (CITY OF)
 FORT WAYNE (CITY OF)
 FORWARD POWER AND ENERGY CO.
 FOSTER BROTHERS
 FOSTER WHEELER CO.
 FOSTER WHEELER POWER SYSTEMS
 FOSTER, HAROLD E., ET AL
 FOUR RENT, INC.
 FOURNIER, WALTER
 FOURTH BRANCH ASSOCIATES
 FOX VALLEY CORP, ET AL
 FP INVESTMENTS
 FP INVESTMENTS INC.
 FRAMINGHAM (CITY OF)
 FRANKLIN FALLS
 FRANKLIN RURAL ELECTRIC COOP
 FREEPORT MCMORAN
 FRENCH BROAD ELEC MEMBER CORP.
 FRENCH PAPER CO.
 FRESNO WASTERWATER TREATMENT PLANT
 FREY DAIRY FARM
 FRIANT POWER HYDRO
 FRONTIER TECHNOLOGY
 FRUITT AND AUSTIN
 FULLERTON HYDRO PARTNERS
 FUNNELL INDUSTRIES INC.
 FURNITURE DIVISION OF SINGER CO.
 G&T TRUCKING
 GAMBLE, LAWERENCE A.
 GANDY ELECTRIC
 GANDY, RONNIE
 GARCIA RESIDENCE
 GARDEM BAR FARMS INC.
 GARDINER WATER DISTRICT
 GARKANE POWER ASSN INC.
 GARY O. STAPLES
 GARY VALEN
 GAYLORD FIBREBOARD
 GEER, HOWARD E.
 GELARDIN, BRUNER, COTT INC.
 GEM IRRIGATION DIST., ET AL
 GENERAL ELECTRIC CORP.
 GENERAL ELECTRIC CREDIT CORP.
 GENERAL ENERGY & DEVELOPMENT
 GENERAL PHYSICS
 GENESEE COUNTY
 GENESIS ENERGY SYSTEMS
 GENEVA ELECTRIC DEPT
 GENSTAR GAS REC.
 GEO OPERATOR CO.
 GEOPRODUCTS
 GEORGE & BONNIE ARKOOSH
 GEORGE A WHITING PAPER CO.
 GEORGE HURST [OR DAIRY FARM]
 GEORGETOWN COUNTY

GEORGETOWN UNIVERSITY
 GEORGIA MARBLE CO.
 GEORGIA PACIFIC
 GEORGIA POWER CO.
 GEOTHERMAL RESOURCES
 GIANNINOTO F.
 GIBBS RESIDENCE
 GILMAN BROTHERS CO.
 GILMAN PAPER CO.
 GJERVIG, RONALD
 GLEN COVE, CITY OF
 GLENDALE (CITY OF), PUBLIC SVC DEPT.
 GLENDALE PUBLIC SERVICE DEPT.
 GLENDON ENERGY
 GLENN-COLUSA IRRIG DIST
 GLOVERS MILL ENERGY CENTER
 GODBOUT, ROGER
 GOEDIKE, DELL
 GOLDEN LOTUS INC.
 GOLDEN VALLEY ELEC ASSN INC.
 GOLETA WATER DISTRICT
 GONZALES [CITY OF]
 GOODHUE COUNTY COOP ELEC ASSN
 GOODMAN, CHARLES
 GOODRICH FALLS
 GOUTURE, GERARD
 GOUVERNEUR ELECTRIC DEPARTMENT
 GRAND RIVER DAM AUTHORITY
 GRAND RIVER POWER CO.
 GRANGER ELECTRIC COMPANY
 GRANGER REN. RES.
 GRANITE FALLS MUN LIGHT & PWR
 GRANITE STATE ELECTRIC CO
 GRANITEVILLE CO.
 GRANT AMEN DAIRY
 GRANT LINE ENERGY CORP
 GRAY, MARY
 GRAY, TOM
 GREAT BEAR
 GREAT NORTHERN HYDRO
 GREAT NORTHERN NEKOOSA
 GREAT SOUTHERN
 GREATER LAWRENCE SANITARY DIST.
 GREEN LAKE WATER POWER CO.
 GREEN MEADOW FARMS
 GREEN MOUNTAIN POWER CORP
 GREEN POWER INTERNATIONAL
 GREENSBORO LUMBER
 GREENVILLE SWIFT RIVER PROJECT
 GREENWOOD, ALDEN T.
 GRENFELL HYDRO INC.
 GRESHAM MUN LIGHT & POWER DEPT
 GRIECO WINDMILL
 GRIFFITH, JAMES AND MARTHA
 GRODSKI, JOHN
 GROSSE HYDRO
 GROVETON PAPER COMPANY
 GRUENING, CLARK
 GRUHOT, DAVE
 GRUNDMEIER, MELVIN

GSF ENERGY INC.
 GUADALUPE-BLANCO RIVER AUTH
 GUERRIERI, JOSEPH
 GULF POWER CO.
 GULF STATES UTILITIES CO.
 GULL LAKE MOTEL
 GULLOCK, DR. ALVIN
 GUNDERSON RESIDENCE
 GUNTER, JACK
 GYNTHY C. ANDERSON
 H.E.E.D. CO. INC.
 H.O. PENN MACHINERY INC.
 HABERSHAM MILLS
 HABIG CORP.
 HACKETT MILLS HYDRO
 HADLEY & BENNETT
 HADSON CORP
 HAEMMIG, ADRIAN B.
 HAFSLUND COMPANY
 HAIL RESIDENCE
 HAILEY [CITY OF]
 HAINES LIGHT & POWER CO INC.
 HALE CREST CO.
 HALECREST
 HALL, A.
 HALL, MELVIN R.
 HAMAKUA SUGAR CO.
 HAMILL RESIDENCE
 HAMILTON DEPT OF PUBLIC UTIL
 HAMILTON, ROBERT
 HAMMEKEN, W.H.
 HAMMER RESIDENCE
 HAMMERMILL PAPER CO.
 HAMMERMILL PAPERS GROUP
 HAMPSHIRE PAPER MILLS INC.
 HANCOCK, JOHN
 HARBERT INTERNATIONAL
 HARDEN FURNITURE
 HARDEN MANUFACTURING CO.
 HARDWICK ELECTRIC LIGHT DEPT
 HARDWOODS OF MICHIGAN
 HARLAN HAUGRUD
 HARRIMAN POWER DEPARTMENT
 HARRINGTON, JOHN A.
 HARRISBURG [CITY OF]
 HART HYDRO ELECTRIC DEPARTMENT
 HASTINGS LOCK & DAM
 HATCH, ROBERT
 HAVANA (CITY OF)
 HAWAII ELECTRIC LIGHT CO INC.
 HAWAII RENEWABLE ENERGY SYSTEMS
 HAWAIIAN COMMERCIAL & SUGAR CO
 HAWAIIAN ELECTRIC CO INC.
 HAWAIIAN ELECTRIC INDUSTRIES
 HAWAIIAN ELECTRIC RENEWABLE SYSTEMS
 HAWI AGRICULTURE AND ENERGY
 HAWKEYE TRI-COUNTY ELEC COOP
 HAWKINS, H.S.
 HAYES, JOANNE - ESTATE OF
 HAYES-MCLEMORE RESIDENCE

HAYWARD (CITY OF)
 HAZEL TEAGARDEN
 HAZOX CORP.
 HDI ASSOCIATES
 HEAD, DAVID
 HEALOW, DAVID
 HEBER GEOTHERMAL CO.
 HEBER LIGHT & POWER DEPT
 HEITMAN, ARNOLD M.
 HELENA [CITY OF]
 HELMER, PAUL
 HEMPSTEAD, TOWNSHIP OF
 HENDRICK
 HENRY KOETSIER & SONS DAIRY
 HENRY RIVER POWER CO.
 HENWOOD ASSOCIATES INC.
 HENWOOD ENERGY
 HERALD RESIDENCE
 HERCULES INC.
 HERMAN MILLER INC.
 HERSHEY EQUIPMENT CO.
 HESS, JOSEPH
 HESSE, WAYNE
 HETT, JOHN
 HEWITT, LESTER
 HI HEAD HYDRO, INC.
 HICKOK, JIM
 HICKS, ROLLAND
 HIGGINS, WILLIAM
 HIGHFIELD FARM ENTERPRISES
 HIGHLAND ELECTRIC ASSOCIATION
 HIGHLAND HYDRO CONSTR.
 HILL, JAMES
 HILL, ROLLIE
 HILLMAN LIMITED PARTNERS
 HILLSBOROUGH COUNTY
 HILO COAST PROCESSING CO.
 HINDAL, DALE
 HINMAN, W.H.
 HITCH FEEDERS
 HOFFMAN
 HOFFMAN, BILL
 HOGE LUMBER CO.
 HOLDEN VILLAGE CORP.
 HOLDER, ROBERT G.
 HOLINKA, CHUCK
 HOLLINGSWORTH & VOSE
 HOLLOWAY WINDMILL
 HOLMAN, W.
 HOLYOKE GAS & ELECTRIC DEPT
 HOLYOKE WATER POWER CO.
 HOMER ELECTRIC ASSN INC.
 HOMESTAKE MINING CO.
 HOMESTEAD ENERGY SYSTEMS
 HONEY LAKE [GEOPRODUCTS]
 HONNARDING, WALLY
 HONOKAA SUGAR CO.
 HONOLULU RESOURCE RECOV. VENT.
 HONOLULU, CITY OF
 HOOK, RICK C.

HOOPER, F.
 HOOVER UNIVERSAL
 HOOWAIWAI FARM
 HORNING, RICHARD
 HORTON, JOHN W.
 HOSKIN DIVERSIFIED INDUSTRIES
 HOTALING, RICHARD
 HOTCHKISS (TOWN OF)
 HOTCHKISS, MS. ELIZABETH
 HOUSTON INDUSTRIES ENERGY
 HOUSTON LIGHTING & POWER CO.
 HOWARD, BOB
 HOWDEN
 HOWELL, JAMES B.
 HOWLETT RESIDENCE
 HOWSE, MRS. W.E.
 HSTNC ENERGY CONSERVATION ASSOCIATION
 HUDSON LIGHT & POWER DEPT
 HUDSON, HOWARD
 HULL FOREST PRODUCTS
 HULL MUNICIPAL LIGHT PLANT
 HUMBOLDT BAY MUNICIPAL WATER D
 HUNT, ALBERT & BETTY
 HUNTINGTON YMCA
 HUNTSVILLE MICROCIRCUITS
 HUNTSVILLE UTILITIES
 HURD, DR. ROBERT W.
 HURLBUT PAPER CO.
 HYDE PARK ELECTRIC DEPARTMENT
 HYDRO CURRENT CORP.
 HYDRO DEVELOPMENT GROUP INC.
 HYDRO DYNAMICS CORP.
 HYDRO ENERGYS CORP.
 HYDRO HAGLEY FOUNDATION
 HYDRO POWER INC.
 HYDRO TECHNOLOGIES
 HYDRO-CO ENTERPRISES
 HYDRO-NELSON LTD PARTNERSHIP
 HYDRO-OP ONE ASSOCIATES
 HYDRODYNAMICS SOUTH DRY CREEK
 HYDRODYNAMICS STRAWBERRY CREEK
 HYDROELECTRIC DEPARTMENT
 HYRUM CITY CORP
 IDAHO FALLS (CITY OF)
 IDAHO FALLS ELECTRIC LIGHT DIV
 IDAHO POWER CO.
 IES UTILITIES INC
 ILLINI ELECTRIC COOP
 ILLINOIS POWER CO.
 IMMEL, RICHARD T. - WIND FARM
 IMPERIAL IRRIGATION DISTRICT
 IMPERIAL MUNICIPAL UTILITIES
 IMPERIAL PPER CP.
 INDEPENDENT HYDRO DEVELOPERS
 INDEPENDENT POWER OF NORTH AMERICA
 INDIAN COUNTRY DEVELOPMENT INC.
 INDIANA MICHIGAN POWER CO.
 INDIVIDUAL
 INGRAM WARM SPRINGS RANCH
 INLAND-ROSE INC.

INOUE, NAOTO
 INTERCOAST ENERGY CO.
 INTERMOUNTAIN RURAL ELEC ASSN
 INTERNATIONAL BOUND & WTR COMM
 INTERNATIONAL FALLS POWER CO.
 INTERNATIONAL PAPER
 INTERNATIONAL POWER TECHNOLOGY
 INTERSTATE PAPER CO.
 INTERSTATE POWER CO.
 IOWA ELECTRIC LIGHT & POWER CO
 IOWA LAKES ELECTRIC COOP
 IOWA SOUTHERN UTILITIES
 IOWA-ILLINOIS GAS & ELEC. CO.
 IPC LIMITED PARTNERSHIP
 IRLBECK, THOMAS
 IRRB MINELAND RECLAMATION
 IRVINE, ROBERT
 ISLAND RECYCLING
 ISLAND WOOLEN CO.
 ISLIP RESOURCE RECOVERY AGENCY
 ITT RAYONIER
 IVERSON, GLEN
 J D MCCOLLUM
 J K INC.
 J P KING
 J W KELLY ENTERPRISES
 J. W. OPERATING
 J.R. WOOD INC.
 J.V. ENTERPRISE
 J.W. OPERATING
 JACK B. KELLEY CO.
 JACKSON ELECTRIC MEMBER CORP.
 JACKSON VALLEY ENERGY PARTNERS
 JACKSON,MI [COUNTY OF]
 JACKSONVILLE ELECTRIC AUTH
 JACOBS WIND ENERGY
 JACOBSEN, ERIC (OF TELLURIDE)
 JAMES RIVER CORP.
 JAMES RIVER MASSACHUSETTS
 JAMES RIVER PAPER CO.
 JAMES RIVER-NH ELECTRIC INC.
 JAMES RIVER-NORWALK INC.
 JAMES THOMPSON & CO. INC.
 JAMES, MS. HAROLD
 JAMISON, GALEN
 JARZAMBECK, RICHARD
 JEANERETTE SUGAR MILL
 JEFFERSON HYDRO ELEC CO.
 JELD-WEN
 JEMEZ MOUNTAINS ELEC COOP INC.
 JENKEINS, W.D.
 JENNI HYDRO
 JENSEN, ALLEN
 JERSEY CENTRAL POWER & LIGHT CO
 JESSEN, ALFRED
 JOAN SCHMIDT
 JOHN COSTER
 JOHNSON, VERNON
 JOHNSON, BRUCE AND TOM
 JOHNSON, HENRY

JOINT YPSILANTI REC. ORGAN
 JONES & OJA
 JONES, JOHN C.
 JONES, JOHN
 JOSSERAND, O.W.
 JOY TECHNOLOGIES
 JWP INC.
 K & K HYDRO
 K W, INC.
 K&R FARM
 KA MAKANI IKAHA
 KA'U AGRIBUSINESS CO.
 KAHN
 KAHUA RANCH LTD
 KAHUKU SEAFOOD PLANTATION
 KAKAC, DAN
 KAMAOA WIND ENERGY PARTNERS
 KANSAS GAS & ELECTRIC CO.
 KANSAS PWR & LIGHT CO.[KPL] A
 KASEL & WITHERSPOON
 KASTER, RICHARD
 KATY-SEGHERS INC.
 KAUKAUNA ELECTRIC & WATER DEPT
 KEDDER-PEABODY
 KEDDY, LAWRENCE J.
 KEKAHA SUGAR CO. LTD.
 KELLER, LOUIS
 KELLY, EDWARD W.
 KELMAN, JOHN
 KEMIRA TITANIUM DIOXIDE PLANT
 KENETECH
 KENETECH WINDPOWER
 KENNEBAGO HYDRO PROJECT
 KENNEBUNK LIGHT & POWER DIST
 KENNEDY, BILL
 KENNY CREEK HYDROELECTRIC CO.
 KENT COUNTY
 KENTUCKY ENERGY ASSOCIATES
 KENTUCKY UTILITIES CO.
 KERCHER, LES
 KETCHIKAN PUBLIC UTILITIES
 KEY WEST UTILITY BOARD
 KIEL UTILITIES
 KILLINGTON HYDROELECTRIC CO.
 KIMBERLY CLARK CORP.
 KING, HARRY
 KINGDOM ENERGY
 KINGS FALLS POWER CORP.
 KINGS RIVER CONSERVATION DIST
 KINGSBURY HYDROELECTRIC CO.
 KINSLEY LANDFILL INC.
 KINZUA ENERGY CO.
 KIRBY KAUFMAN
 KIRBY-COFFMAN, INC.
 KIRCHNER, EVERETT
 KIRKWAY ELECTRIC
 KIRTLAND AIR FORCE BASE
 KITCHEN BROTHERS MFG. CO.
 KITCHEN, MYRTLE L.
 KMS ENERGY GROUP

KNAPP SEED FARM
 KNOTT, JAMES M.
 KNOUSE FOODS
 KNOX, CHARLES
 KNOXVILLE UTILITIES BOARD
 KNUSON, NEIL
 KODIAK ELECTRIC ASSN INC.
 KOEHN, MYRON
 KOHALA SUGAR CO.
 KONTZ, JOE
 KOPPERS CO.
 KOPPERS INDUSTRIES, INC.
 KOYLE, JOHN & MARGARET
 KRIEGER, WAYNE
 KRUP RESIDENCE
 KRUSE, MAX
 KTFC MIDWEST BIBLE RADIO
 KTI ENERGY
 KTI OPERATIONS INC.
 KUETE, LES
 KUHR TECHNOLOGIES INC.
 KUNTZ, ROGER
 KUSZEWSKI, HARRY
 KYOCERA
 L & K AUSTIN
 L & S WATER POWER
 L & V SMITH
 L HABRA (CITY OF)
 L P ATHOL CORP
 L.DUNN
 L.S. STARRETT CO.
 LA CO SANIT
 LA FARGE MUNICIPAL ELECTRIC CO
 LA PLATA ELECTRIC ASSN INC.
 LA VALLE ELECTRIC CO.
 LA-Z-BOY CHAIR
 LAC COUTES OREILLES
 LACOMB IRRIGATION DISTRICT
 LACROSSE, ROBERT
 LAFARGE CORPORATION - GREAT LA
 LAFAYETTE (CITY OF), UTILITY DEPT.
 LAFAYETTE ENERGY PARTNERS, L.P.
 LAHEY, DAVID
 LAHEY, VANCE
 LAIDLAW GAS RECOVERY SYSTEMS
 LAJET PETROLEUM CO.
 LAKE AMADOR DAM
 LAKE HEME MUNICIPAL WATER DIST.
 LAKE HEMET MUNICIPAL WATER DIST.
 LAKE LURE [TOWN OF]
 LAKE MAY POWER CO.
 LAKE OSWEGO CORP.
 LAKE REGION COOP ELEC ASSN
 LAKELAND DEPT OF ELEC. & WATER (CITY OF
 LAKELAND)
 LAKEPORT DAM
 LALAMILO VENTURES, INC.
 LAMB, ALLEN
 LAMBRECHT, JOHN
 LAMPE, JEROME

LANCASTER COUNTY S.W. MGMT AUTHORITY
 LAND CEE SOLAR
 LANDFILL ENERGY SYSTEMS, INC.
 LANDO BUSCH
 LANE PLYWOOD INC.
 LANE SHOPS
 LANE-SCOTT ELECTRIC COOP INC.
 LANESBORO PUBLIC UTILITY
 LANGERWERF DAIRY
 LANSING BOARD OF WATER & LIGHT
 LARSON BAY UTILITY CO.
 LARSON, WAYNE
 LAS GALLINAS VALLEY SEWAGE
 LASSEN COMMUNITY COLLEGE
 LASSEN RESEARCH CO.
 LAST CHANCE CANAL CO.
 LAUREL SPRINGS RANCH
 LAUREL SPRINGS RANCH SOLAR
 LAVEDA ADAMS
 LEA COUNTY ELECTRIC COOP INC.
 LEAR
 LEAVENWORTH-JEFFERSON E C INC.
 LEBANON METHANE RECOVERY INC.
 LEDBETTER PARTNERS
 LEE COUNTY ELECTRIC COOP INC.
 LEE, ROBERT W.
 LEHIGH COUNTY COMMUNITY COLLEGE
 LEISHMAN COGEN
 LEMOYNE, JOHN R.
 LEMUS SHUCK
 LENO, RANDY
 LENSSSEN, JOHN
 LEO AMBERG
 LEROY [VILLAGE OF]
 LESLIE, JOHN
 LESTER VANDENBERG
 LEVAN MUN ELEC LIGHT SYSTEM
 LEVENS, DAN
 LEWANDOWSKI, PAUL
 LEWIS T.C. CO.
 LEWISTON MUNICIPAL LIGHT PLANT
 LEWISTON STEAM & POWER ASSN
 LFC FINANCIAL
 LFC POWER SYSTEMS
 LFG ENERGY SENECA, INC.
 LIBERTY GENERAL STORE
 LICHOUAS, JAMES
 LIHUE PLANTATION CO LTD
 LILA SNYDER
 LINDSTROM FARMS
 LINTZ, CLARENCE
 LINWEAVE HYDRO
 LITTLE RAPIDS CORP.
 LITTLE ROCK WASTE WATER
 LITTLE WOOD RIVER
 LITTLETON ELECTRIC LIGHT DEPT
 LITTLETON/ENGLEWOOD BIO-GAS
 LIVE OAK LIMITED
 LIVING HISTORY FARMS
 LIVINGSTON, MT [CITY OF]

LOCKHART POWER CO
 LOEB, PENELOPE
 LOGAN CITY MUN LIGHT & POWER
 LOGERING, GEORGE
 LOHMAN, DAVID
 LONESOME VALLEY
 LONG BEACH RECYCLING AND RECOVERY CORP
 LONG BEACH [CITY OF]
 LONG ISLAND LIGHTING CO
 LONG LAKE ENERGY CORP.
 LONG SHOALS HYDRO INC.
 LONG, JOHN F.
 LONGMONT ELECTRIC UTILITY
 LONGVIEW FIBRE CO.
 LORG, JESS
 LOS ALAMOS COUNTY UTILITIES
 LOS ANGELES COUNTY FLOOD CONTROL
 DISTRICT
 LOS ANGELES DEPT OF WATR/POWER
 LOS LUNAS FARMS
 LOTZ RESIDENCE
 LOUDOUN COUNTY
 LOUISIANA PACIFIC
 LOUISVILLE GAS & ELECTRIC CO.
 LOUP RIVER PUBLIC POWER DIST
 LOVELAND LIGHT & POWER
 LOWEN FEEDERS
 LOWER COLORADO RIVER AUTHORITY
 LOWER TULE RIVER IRRIG DIST
 LOWER VALLEY POWER & LIGHT INC
 LUCAS, RON
 LUDTKE, DARWIN
 LUIZ & SONS DAIRY INC.
 LUND, LARRY
 LUNDBLOM, HAROLD
 LUZ SOLAR PARTNERS LTD
 LVI GROUP INC. (THE) (LVI ENERGY SYSTEMS)
 LYCOMING COUNTY
 LYDA, GLEN
 LYME HYDROELECTRIC
 LYNDONVILLE ELECTRIC DEPT
 LYNN E STEVENSON #1 & #2
 LYONS FALLS PULP & PAPER INC.
 M & M DAIRY
 M & N BURGESS
 M&M CONSTRUCTION
 MACGREGOR DOWNS INC.
 MACKANESS, ROGER
 MACKAY BAR CORPORATION
 MACMILLAN BLOEDEL INC.
 MACON KRAFT
 MAD RIVER POWER ASSOC.
 MADERA IRRIGATION DISTRICT
 MADERA-CHOWCHILLA HYDRO
 MADISON ELECTRIC WORKS DEPT
 MADISON GAS & ELECTRIC CO
 MADISON PAPER INDUSTRIES
 MADISON, CITY OF (DIVISION OF ENGINEERING)
 MADSEN, ALLEN
 MAGIC RESEVOIR HYDRO

MAGMA ELECTRIC CO.
 MAIDEN CREEK FILTER PLANT
 MAINE ENERGY RECOVERY COMPANY
 MAINE HYDRO-ELEC. DVLPMNT CORP
 MAINE PUBLIC SERVICE CO.
 MAINSTREAM ASSOCIATES
 MAINSTREAM INC.
 MAKANI UWILA POWER CO
 MALACHA HYDRO LTD [JUNIPER]
 MALKSON, HARLEY J.
 MALLETT, GEORGE R. & BARBARA F.
 MALLICOAT, BOB
 MAMMOTH PACIFIC
 MAN. HANOVER
 MANASSAS ELECTRIC DEPARTMENT
 MANCHESTER ENERGY INC.
 MANISTIQUE PULP AND PAPER CO.
 MANTI LIGHT & POWER COMPANY
 MAQUOKETA VALLEY RRL ELEC COOP
 MARCO RANCH HYDRO
 MARK TECHNOLOGIES
 MARLOW POWER
 MARONEY, ED
 MARQUETTE BOARD OF LIGHT & PWR
 MARQUETTE FABRICATORS INC.
 MARSHALL COUNTY RRL ELEC COOP
 MARSHALL ELEC. UTIL. (CITY OF)
 MARSHALL MUNICIPAL UTILITIES
 MARTIN MACHINE CO.
 MARTIN RESIDENCE
 MARTINSVILLE HYDRO CORP.
 MARTINSVILLE MUN ELECTRIC DEPT
 MARYLAND ENVIRONMENTAL SERVICE
 MARYLAND STATE DEPARTMENT OF PUBLIC
 SAFETY
 MARYLAND [STATE OF]
 MASCOMA HYDRO
 MASON AND PARKER MANUFACTURING CO.
 MASON DIXON FARMS
 MASSACHUSETTS ELECTRIC CO.
 MASSACHUSETTS HYDRO ASSOCIATION
 MASSACHUSETTS MUN WHLS ELEC CO
 MATANUSKA ELECTRIC ASSN INC.
 MATSON, ROLAND
 MAUI ELECTRIC CO LTD
 MAUST, ROBERT
 MAXA, KEN
 MAXA, ROBERT
 MAY RESIDENCE
 MCARTHUR CO.
 MCBESS INDUSTRIES INC.
 MCBRYDE SUGAR CO. LTD.
 MCCALLUM ENTERPRISES
 MCCANN MANUFACTURING COMPANY
 MCCLELLAND AIR FORCE BASE
 MCCONNELL, CHARLES W.
 MCCUIN, CHARLES
 MCDERMOTT INT.
 MCDONALD'S RESTAURANT
 MCDOWELL FOREST PRODUCTS INC.

MCLEOD COOP POWER ASSN
 MCMILLAN HYDRO CO.
 MCS
 MEAD CORP.
 MEAD PAPER
 MECKLENBURG COUNTY
 MEGA RENEWABLES
 MEGA [HATCHET, ROARING & LOST]
 MELLINGER, KENNETH
 MELROSE MUN POWER & LIGHT DEPT
 MEMPHIS HARDWOOD FLOORING CO.
 MENDOTA BIOMASS POWER LTD.
 MERCED IRRIGATION DISTRICT
 MERCER COMPANIES INC.
 MERCER COUNTY IMPROVEMENT AUTHORITY
 MERCERS COMPANIES INC.
 MEREDITH, KENNETH
 MERIDIAN GROUP
 MERIMIL LIMITED PARTNERSHIP
 MERRILL LYNCH CAPITAL MARKETS
 MERRILLAN ELEC LIGHT & WTR DEPT
 MERRIMAC PAPER CO. INC.
 METALS SELLING CORP.
 METCALF AND EDDY SERVICES, INC.
 METHANE GAS & WIND GENERATION
 METHUEN FALLS HYDRO
 METLAKATLA POWER & LIGHT
 METLIFE CAPITAL
 METRO SANITARY DIST GR CHICAGO
 METRO WASTE WATER RECLAM DIST
 METROPOLITAN DISTRICT COMMISSION
 METROPOLITAN DISTRICT OF HARTFORD
 METROPOLITAN EDISON CO.
 METROPOLITAN GOVERNMENT OF NASHVILLE
 METROPOLITAN SEWERAGE
 METROPOLITAN WATER DISTRICT
 MICHIANA HYDROELECTRIC CO.
 MICHIGAN ENERGY RESOURCE RESEARCH
 ASSOCIATION
 MICHIGAN POWER CO.
 MICKLEY RESIDENCE
 MICON
 MID-MAINE WASTE ACTION CORP.
 MID-PACIFIC
 MID-STATE SERVICE CO.
 MIDDLEFORK IRRIGATION DIST.
 MIDDLESEX CNTY
 MIDDLETON LFG, LTD
 MIDSTATE ELECTRIC COOP INC.
 MIDTEC PAPER CORP.
 MIDWEST ENERGY INC.
 MIDWEST HYDROLOGICS
 MIDWEST POWER SYSTEMS INC.
 MIGLIORI, ROBERT
 MIGLIOZZI, LOUIS
 MILACA DISTRICT
 MILES, ALBERT
 MILFORD ELM STREET TRUST
 MILLBRAE SEWAGE TREATMENT PLANT
 MILLE LACS ELECTRIC COOP

MILLENNIUM POWER INC.
 MILLER & MILLER
 MILLER FEED
 MILLER HYDRO GROUP-WORUMBO MIL
 MILLER, CLAIR
 MILLER, DONALD
 MILLER, DUANE
 MILLER, RICHARD
 MILLER, ROBERT
 MILLER, ROY
 MILLIKEN AND CO.
 MINI WATT ELECTRIC CO.
 MINNESOTA POWER
 MINNESOTA VALLEY ELECTRIC COOP
 MINNESOTA WINDPOWER
 MISSION ENERGY CO.
 MISSION POWER ENGINEERING
 MISSION VALLEY POWER
 MISSISQUOI ASSOC.
 MISSISSIPPI POWER & LIGHT CO
 MITEX INC.
 MK ENVIRONMENTAL
 MOAPA ENERGY LIMITED PARTNERSHIP
 MODESTO IRRIGATION DISTRICT
 MODULAR HYDRO RESEARCH CORP.
 MOHASCO UPHOLSTERED FURNITURE CORP.
 MOHAWK PAPER MILLS INC.
 MOLOKAI ELECTRIC CO LTD
 MOMMSEN, GARY
 MONADNOCK PAPER MILLS
 MONONGAHELA POWER COMPANY
 MONROE CITY ELEC LIGHT DEPT
 MONTANA POWER CO.
 MONTANA-DAKOTA UTILITIES CO
 MONTANA-DNRC [STATE OF]
 MONTE MILLER
 MONTECITO WATER DISTRICT
 MONTELLO GRANITE CO.
 MONTENAY (NY)
 MONTENAY KW CORPORATION
 MONTENAY PACIFIC CORP.
 MONTERAY ENERGY RESOURCES
 MONTERAY INTERNATIONAL CORP.
 MONTEREY CTY FLD CTR & WAT CON
 MONTEREY REFUSE DISPOSAL DISTRICT
 LANDFILL
 MONTEREY REGIONAL WASTE/WATER
 MONTGOMERY CNTY SANIT. DEPT.
 MONTGOMERY ROSE CO.
 MONTGOMERY, DALE
 MOON LAKE ELECTRIC ASSN INC.
 MOONEY, RICHARD
 MOORE, CLARKE N.
 MOOSEHEAD MANUFACTURING CO.
 MORA-SAN MIGUEL ELEC COOP INC.
 MORAND RESIDENCE
 MOREAU MANUFACTURING CORP.
 MORETOWN HYDRO ENERGY CO.
 MORGAN COUNTY REMC
 MORGAN, RICHARD

MORGARDO WIND
 MORITZ, MARTIN
 MORITZ, TED
 MORRISVILLE WATER & LIGHT DEPT
 MOSCOW MILLS
 MOSER, MARGARET AND ALEXIS
 MOSINEE PAPER COMPANY
 MOSS, RICHARD
 MOTHER EARTH INDUSTRIES
 MOUNTAIN ENERGY
 MOUNTAIN PARKS ELECTRIC INC.
 MT PLEASANT MUN ELEC L & PWR D
 MT WASHINGTON AUTO ROAD
 MUNICIPAL ELEC. AUTHORITY GA
 MUPL
 MURRAY CITY POWER DEPARTMENT
 MURRAY THURSTON HYDRO
 MUSCODA LIGHT & WATER COMM
 MUSCODA SOLID WASTE COMMISSION
 MUSKEGON (COUNTY OF)
 MUTUAL ENERGY CO.
 MCFARLAND, PAT
 N C K ELECTRIC COOP INC.
 N. PENNINGTON
 N.E. MARYLAND WASTE DISPOSAL AUTHORITY
 NAMPA-MERIDIAN IRRIGATION DISTRICT, ET. AL.
 NANTAHALA POWER & LIGHT CO
 NANTECH WIND ASSOCIATES LIMITED
 PARTNERSHIP
 NANTUCKET ELECTRIC CO.
 NANTUCKET WIND POWER
 NAPA AUTO
 NAPA SANITATION DISTRICT SEWAGE
 TREATMENT PLANT
 NARRAGANSETT ELECTRIC CO
 NASA WINDFARM
 NASHUA HYDRO
 NASHVILLE ELECTRIC SERVICE
 NASHVILLE THERMAL TRANSFER CO.
 NATANNA MILL
 NATIONAL ENERGETICS CO. (NECO)
 NATIONAL ENERGY ASSOCIATES
 NATIONAL ENERGY PRODUCTION CO.
 NATIONAL PARK SERVICE
 NATIONAL SUN ENERGY
 NATURAL POWER INC.
 NEBRASKA PUBLIC POWER DISTRICT
 NEISLER INC.
 NEKOOSA EDWARDS PAPER CO.
 NEKOOSA PACKAGING
 NELLIS, VICTOR R.
 NELSON, DARYL
 NELSON, STAN
 NEOCENE EXPLORATION, INC.
 NEPHI MUNICIPAL ELECTRIC DEPT
 NEVADA IRRIGATION DISTRICT
 NEVADA POWER CO
 NEW BRUNSWICK ELEC. POWER CO.
 NEW ENGLAND CHEMICAL WORKS
 NEW ENGLAND ELEC. SYSTEM [MA]

NEW ENGLAND FISH CO.
 NEW ENGLAND POWER CO.
 NEW FOUND POWER
 NEW HAMPSHIRE ELEC COOP INC.
 NEW HAMPSHIRE WOOD PRODUCTS CO. INC.
 NEW HANOVER CTY INCINER
 NEW JERSEY ZINC CO.
 NEW KNOXVILLE LIGHT DEPT VILLA
 NEW MEXICO HIGHWAY DEPARTMENT
 NEW RIVER LIGHT & POWER CO.
 NEW WORLD POWER CORP.
 NEW YORK POWER AUTHORITY
 NEW YORK STATE ELEC & GAS CORP.
 NEW YORK STATE ENERGY RESEARCH D.A.
 NEW YORK, (CITY OF) DEPT OF SANITATION
 NEWBURY HYDRO CO.
 NEWEST
 NEWPORT HYDRO ASSOCIATES
 NEWTON FALLS PAPER MILL INC.
 NH WATER RESOURCES
 NIAGARA MOHAWK POWER CORP
 NIAGARA OF WISCONSIN
 NICHOLS GAP
 NICHOLS, BRUCE B.
 NICHOLS, CLAYTON
 NICHOLS, HOWARD
 NICHOLS, MANFORD
 NICHOLSON SUNNYBAR RANCH
 NILES UTILITIES DEPT
 NOBLES COOPERATIVE ELECTRIC
 NODAK ELECTRIC COOPERATIVE
 NOHL, RAY
 NOMMESEN RESIDENCE
 NORD, WALLY
 NORFOLK NAVAL SHIPYARD
 NORRIS PUBLIC POWER DISTRICT
 NORTH AMERICAN HYDRO INC.
 NORTH CAROLINA POWER
 NORTH CENTRAL POWER CO INC.
 NORTH FORK ENERGY INC.
 NORTH LITTLE ROCK ELEC. DEPT.
 NORTH NEW PORTLAND ENERGY CORP
 NORTH SAN DIEGO COUNTY
 NORTH SAN MATEO COUNTY SANITATION
 DISTRICT
 NORTH SIDE CANAL CO. LTD.
 NORTH VALLEY BAPTIST CHURCH
 NORTHEAST LANDFILL POWER JOINT VENTURE
 NORTHEAST UTILITIES
 NORTHERN CALIFORNIA POWER AGNY
 NORTHERN ELECTRIC COOP ASSN
 NORTHERN INDIANA PUB SERV CO.
 NORTHERN NATURAL
 NORTHERN STATES POWER CO [MN]
 NORTHERN STATES POWER CO [WI]
 NORTHERN WASCO COUNTY P U D
 NORTHFIELD ELECTRIC DEPARTMENT
 NORTHWESTERN PUBLIC SERVICE CO
 NORTHWESTERN WISCONSIN ELEC CO
 NORTON HYDRO

NORTON-DECATUR COOP EL CO INC.
 NORWAY LIGHT DEPARTMENT
 NORWICH DEPT. OF PUB. UTIL.
 NOVE INVESTMENTS
 NOWACK, FRANK
 NUNLEY, DON
 NV OPERATIONS
 NYKAMP, HENRY
 O'BRIEN ENVIRONMENTAL ENERGY
 O.J. POWER COMPANY
 OAHU SUGAR CO.
 OAK CREEK ENGY SYS. INC. II
 OAKDALE & SOUTH SAN JOAQUIN
 OAKES, JOHN R.
 OAKLAND COMMUNITY COLLEGE
 OCCIDENTAL CHEMICAL CORP.
 OCEANA ELECTRIC COOPERATIVE
 OCEANSIDE (CITY OF)
 OCONTO ELECTRIC COOPERATIVE
 OESI
 OGDEN CORP.
 OGDEN MARTIN SYSTEMS
 OGDEN MARTIN SYSTEMS OF WALLINGFORD
 OGLETHORPE POWER CORP.
 OHIO EDISON COMPANY
 OHIO POWER COMPANY
 OIL MERGER CORP.
 OKEELANTA CORPORATION
 OKLAHOMA GAS & ELECTRIC CO.
 OKLAHOMA MUNICIPAL POWER AUTH
 OLD DOMINION ELECTRIC COOP
 OLD SANTA FE FEEDERS
 OLD SPARHAWK HYDRO CO.
 OLD STURBRIDGE (VILLAGE OF)
 OLIVENHAIN MUNICIPAL WATER DISTRICT
 OLMSTEAD COUNTY
 OLOKELE SUGAR CO. LTD.
 OMEGA ELECTRONICS
 OMSI
 OMYA INC.
 ON-SITE ENERGY
 ONEIDA/HERKIMER S.W. MGMT AUTHORITY
 ONONDAGA COUNTY
 ONONDAGA ENERGY GROUP
 ORANGE & ROCKLAND UTILS INC.
 ORANGE COUNTY, (CO. SAN. DIST. OF)
 ORANGE HYDRO
 ORAZIO, JOHN
 OREGON TRAIL EL CONS COOP INC.
 ORLANDO UTILITIES COMMISSION
 ORMAT GROUP (THE)
 ORMAT SODA LAKE
 ORMESA OPERATORS
 ORMSBY, LESLIE
 ORO LOMA SANITARY DISTRICT
 OROVILLE-WYANDOTTE IRRIG DIST
 ORRVILLE MUNICIPAL UTILITIES
 OSBORNE SOLAR
 OSCEOLA FARMS
 OSWEGO (CITY OF)

OSWEGO [COUNTY OF]
 OTERO COUNTY ELECTRIC COOP INC
 OTTAWA COUNTY
 OTTER TAIL POWER CO
 OTTUMWA [CITY OF]
 OUR LADY LAURDES CHURCH
 OUTAGAMIE COUNTY
 OWENS-ILLINOIS INC.
 OWENSBORO MUNIC UTILITIES
 OWL DEVELOPMENT
 OWYHEE IRRIGATION DIST.
 OXBOW GEOTHERMAL CORP.
 OXFORD ENERGY GROUP
 OXNARD LANDFILL
 OXNARD [CITY OF]
 OYSTER BAY WASTE ELEC. GEN. PARTNERS
 P K M ELECTRIC COOP INC.
 P R & W ELECTRIC COOP ASSN INC
 P.H. CHADBOURNE GENERATING CO.
 P.K. VENTURES INC
 PACIFIC CROWN TIMBER
 PACIFIC ENERGY
 PACIFIC GAS & ELECTRIC CO.
 PACIFIC HYDRO
 PACIFIC INVESTMENTS
 PACIFIC LUMBER
 PACIFIC POWER & LIGHT CO.
 PACIFIC WIND SYSTEMS
 PACIFICORP
 PAGAC, FRANK
 PALM SPRINGS [CITY OF]
 PALMDALE WATER DISTRICT
 PALMER CAPITAL CORP.
 PALMER, ROBERT
 PALO ALTO ELECTRIC UTILITY
 PALO ALTO LANDFILL GAS CORP
 PAN PACIFIC
 PAN PACIFIC HYDRO INC.
 PANCHERI INC.
 PARDEEVILLE PUBLIC UTILITIES
 PARK MOTEL
 PARKS CANNING COMPANY
 PAROWAN CITY ELECTRICAL DEPT
 PARSON & WHITTMORE INC.
 PARSONS PAPER CO.
 PASADENA WATER AND POWER DEPT.
 PASCO COUNTY (UTILITIES & SOLID WASTE)
 PASSAIC VALLEY WATER COMM
 PAUL BUNYAN LUMBER CO.
 PAW PAW DEPT OF PUBLIC WORKS
 PAYNE RESIDENCE
 PEABODY, JONATHAN
 PEASNALL, W.
 PEAT PRODUCTS OF AMERICA
 PECO ENERGY CO.
 PEDERSEN RESIDENCE
 PELICAN UTILITY CO.
 PENN DU INC.
 PENN STATE UNIVERSITY
 PENNSYLVANIA ELECTRIC CO.

PENNSYLVANIA POWER & LIGHT CO.
 PENNSYLVANIA POWER CO.
 PENOBSCOT CHEMICAL CO.
 PENOBSCOT ENERGY RECOVERY CO.
 PEOPLES COOPERATIVE POWER ASSN
 PERPETUAL STORAGE INC.
 PERRY LOGGING COMPANY
 PETER GRAHAM - FOSS MILL
 PETER, JAMES B.
 PETERSBURG MUN. POWER & LIGHT
 PETERSON, TOM
 PETERSON-LEE RESIDENCE
 PETRILEK, ANDREW - MAYBE B2465 PETRILLIK
 PETRONIO CONSTRUCTION CO.
 PETRY, LEROY
 PETTY, CHARLES
 PFEIFFER, DR. HAROLD W.
 PHELPS DODGE CORP.
 PHIL SHERBONDY
 PHILADELPHIA ELECTRIC CO
 PHILADELPHIA UTILITIES
 PHILLIP MORRIS CAPITAL GROUP
 PHILLIPS ENERGY INC.
 PHILLIPS RANCH
 PHILLIPS, PAUL T. II
 PHOENIX INDUSTRIES
 PICKERING, FREDERICK E.
 PIERCE, SIMON
 PIGEON COVE POWER CO.
 PINE CITY DISTRICT
 PINE CITY MUNICIPAL
 PINE PRODUCTS INC.
 PINEDALE POWER & LIGHT CO.
 PINELLAS COUNTY
 PINETREE POWER
 PINOLE-HERCULES WASTEWATER TREATMENT
 PLANT
 PIONEER ELECTRIC COOP INC.
 PIONEER HYDRO
 PIONEER MILL CO.
 PIONEER POWER & LIGHT CO
 PITTSFIELD [CITY OF]
 PLACER COUNTY WATER AGENCY
 PLAINS ELECTRIC COOPERATIVE
 PLATEAU ELECTRIC COOPERATIVE
 PLATTE RIVER POWER AUTHORITY
 PLM TRANSPORTATION EQUIPMENT CORP
 PLOG, FREDERIC AND WILMA
 PLOURDE, KENNETH
 PLYMOUTH ELECTRIC COOP ASSN
 POCATELLO [CITY OF]
 POCO POWER CORP (UTILITY POWER CORP.)
 POCONO LAKE PRESERVE
 POESTENKILL POWER CO.
 POLK COUNTY
 PONTOOK HYDRO
 POOCK, VIRGIL
 PORT ANGELES LIGHT DEPARTMENT
 PORT AUTHORITY OF NY & NJ
 PORTAGE POWER CO.

PORTERDALE
 PORTLAND BUREAU OF HYDRO POWER
 PORTLAND ELECTRIC DEPARTMENT
 PORTLAND GENERAL ELECTRIC CO
 PORTLAND,OR [CITY OF]
 PORTWOOD HYDRO
 POTLATCH CORPORATION
 POTOMAC CAPITAL INVESTMENT
 POTOMAC EDISON COMPANY
 POTOMAC ELECTRIC POWER CO.
 POTOSI GENERATING STATION
 POTSDAM [VILLAGE OF]
 POTTER COUNTY
 POULTON, W.R.
 POWER DAM INC.
 POWER RESOURCES DEVELOPMENT CORP.
 POWERHOUSE SYSTEMS, INC.
 POWNAL HYDRO
 PRAIRIE WODD PRODUCTS
 PRECURSOR SYSTEMS
 PREMIER PROPERTIES
 PRESTON CITY HYDRO
 PRICE, JOANNE, MARIE, AND GARI
 PRINCE GEORGES COUNTY
 PRINCE WILLIAM COUNTY
 PRINCETON MUNICIPAL LIGHT DEPT
 PRIVATE BUSINESS
 PROCTOR & GAMBLE
 PROGRESSIVE HYDRO CORP.
 PROSSNER, DAVID M.
 PROUTY, DONALD AND KATHY
 PROVIDENCE CASKET CO.
 PROVIDENCE,RI [CITY OF]
 PROVO CITY DEPT OF ENERGY
 PRUDENTIAL CAPITAL
 PSC GEOTHERMAL
 PSC OF COLORADO
 PSC OF NEW HAMPSHIRE
 PSC OF NEW MEXICO
 PSC OF OKLAHOMA
 PSI ENERGY INC.
 PT LOMA SEWAGE BUILDING
 PTARMIGAN RESOURCES AND ENERGY INC.
 PUBLIC SERVICE COMPANY OF INDIANA
 PUBLIC SERVICE ELECTRIC & GAS
 PUBLISHER'S PAPER CO.
 PUD NO 1 OF CHELAN COUNTY
 PUD NO 1 OF COWLITZ COUNTY
 PUD NO 1 OF DOUGLAS COUNTY
 PUD NO 1 OF KLINKITAT COUNTY
 PUD NO 1 OF LEWIS COUNTY
 PUD NO 1 OF MASON COUNTY
 PUD NO 1 OF PEND OREILLE CNTY
 PUD NO 1 OF SKAMANIA COUNTY
 PUD NO 2 GRANT/WA WATER POWER
 PUD NO 2 OF GRANT COUNTY
 PUESCHELL, DAVID
 PUGET SOUND POWER & LIGHT CO
 PUNA GEO. VENTURE
 PYRITES ASSOCIATES

PYRO SOL INC.
 Q-WEST INC.
 R - M ENERGY
 R V LIGHT & POWER CO.
 R.J. MANHATTEN
 R.L. DAVIS
 RACE, D.
 RADEMACHER, ED
 RADEMACHER, GERARD
 RADFORD ELECTRIC DEPARTMENT
 RADIANT ELECTRIC COOP INC.
 RAMSDELL, CHUCK
 RANDY THOMAS
 RAPIDAN REDEVELOPMENT LTD.
 RAWSON MFG. CO.
 RBS ELECTRIC
 READING (CITY OF)
 READING ENERGY COMPANY
 RECHSTEINER, HANS
 RECOMP OF WASHINGTON, INC.
 RED BLUFF WTR PWR CONTROL DIST
 RED HILL GEOTHERMAL
 RED RIVER DISTRIBUTING
 RED RIVER VALLEY COOP PWR ASSN
 RED WING ENERGY CENTER
 REDDING ELECTRIC DEPT.
 REDLANDS WATER & POWER CO.
 REDWOOD FALLS PUBLIC UTIL COMM
 REDWOOD FOOD PACKING CO.
 REDWOOD TRAILS
 REEDY CREEK IMPROVEMENT DIST
 REESE, JIM
 REGIONAL WASTE SYSTEMS INC.
 REGNER, ARNOLD
 REICK, VAYLORD
 REISS, WILLIAM
 REMUND, WILBUR
 RENEWABLE RESOURCE SYSTEMS INC.
 REPUBLIC STEEL CORP.
 RESOURCE AUTH. SUMNER COUNTY
 REV WIND POWER PARTNERS 1984-1
 REYNOLDS IRRIGATION DISTRICT
 RHEA FARM
 RHINELANDER PAPER CO.
 RHODES WHITNER MILLS
 RI SOLID WASTE MANAGEMENT CORP.
 RICHMAN RESIDENCE
 RICHMOND DEPT OF PUBLIC UTILS
 RICHTER, JAMES
 RICK D. STICKIE
 RICKETTS, STEVEN W.
 RIDGECREST NAVAL WEAPONS
 RIEGEL PAPER CORP.
 RIEGEL TEXTILE CORP.
 RING POWER
 RINKEL, H. G. & SONS
 RIOLO CONSTRUCTION
 RIVER FALLS MUNICIPAL UTILS
 RIVER INDUSTRIAL PARK
 RIVER STREET ASSOCIATES

RIVERHEAD ENERGY RECYCLING, INC.
 RIVERRAT GLASS & ELECTRIC, INC.
 RIVERVIEW ENERGY SYSTEMS
 RIVERVIEW VENTURES INC.
 RIVIANNA WATER & SEWER
 ROBBINS LUMBER INC.
 ROBINS INC.
 ROBINSON FURNITURE
 ROCHESTER
 ROCHESTER COUNTY
 ROCHESTER GAS & ELECTRIC CORP
 ROCHESTER PUBLIC UTILS DEPT
 ROCK CREEK WATER DISTRICT
 ROCK FALLS ELECTRIC DEPT
 ROCKFISH CORP INC.
 ROCKY GLEN HYDRO
 ROCKY GORGE CORP.
 ROCKY KNOLL SWINE FARM
 ROCKY MOUNT MILLS INC.
 ROGER SERGENT
 ROLLINSFORD HYDRO
 ROMAIN FARM
 ROME (CITY OF)
 ROOD, LESLIE
 ROOSEVELT HYDRO
 ROOT, JOHN
 ROSEBURG LUMBER CO.
 ROSENBALM, CLIFFORD
 ROSENFELDT, LOREN
 ROSWELL, NM [CITY OF]
 ROUSCH, NEIL
 ROUSH, RICHARD
 ROWLAND INDUSTRIES
 ROY, RONALD
 ROYAL FARMS
 RUGER JR., WILLIAM P.
 RUNESTONE ELECTRIC ASSN
 RUST ENVIRONMENT & INFRASTRUCTURE
 RUTLAND PLYWOOD CORP.
 RYAN, ROBERT
 RYNNING, BRAD
 S & L RANCH
 S & S LIMITED PARTNERSHIP
 S.D. WARREN CO.
 S.E. MN PUBLIC UTILITIES ASSOCIATION
 S.E. OAKLAND CNTY RES REC AUTHORITY
 SABINE RIVER AUTHORITY OF LA
 SABINE RIVER AUTHORITY OF TX
 SABO, JERRY
 SACO REALTY
 SACRAMENTO MUNICIPAL UTIL DIST
 SAFE HARBOR WATER POWER CORP.
 SAI 1
 SAI 2
 SAKULSKY RESIDENCE
 SALINE (CITY OF)
 SALINE, ROBERT
 SALT RIVER PROJECT
 SAN ANTONIO PUBLIC SERVICE
 SAN BERNARDINO MWD

SAN BERNARDINO WESTSIDE COM. DEV.
 SAN DIEGO (CITY OF)
 SAN DIEGO COUNTY WATER AUTHORITY
 SAN DIEGO GAS & ELECTRIC CO.
 SAN DIEGO TOWNHOMES
 SAN DIEGO WATER DISTRICT
 SAN EMIDIO RESOURCES
 SAN FRANCISCO (CITY COLLEGE OF)
 SAN FRANCISCO [CITY & COUNTY]
 SAN GABRIEL HYDROELEC PARTNERS
 SAN GABRIEL VALLEY MWD
 SAN GORGONIO FARMS INC.
 SAN GORGONIO WIND ASSN
 SAN JACINTO POWER
 SAN JOSE & SANTA CLARA WASTEWATER
 TREATMENT PLANT
 SAN LUIS OBISPCO CO. FC&WCD
 SAN RAMON SERVICES DISTRICTS
 SANDBERG WIND FARMS
 SANDERS, TERRY AND EARL
 SANDLIN, JOANN
 SANDY HOLLOW HYDRO ASSN
 SANFORD IRRIGATION
 SANFORD, DON
 SANRAC ENERGY CORPORATION
 SANTA ANA [CITY OF]
 SANTA BARBARA [CITY OF]
 SANTA CLARA - ELECTRIC DEPT. (CITY OF)
 SANTA CLARA VALLEY WD
 SANTA FE GEOTHERMAL
 SANTA MONICA (CITY OF)
 SANTA PAULA (CITY OF)
 SANTEE COOPER
 SANTIAM H2O CONTROL DISTRICT
 SARASOTA COUNTY SEWAGE TREATMENT PLANT
 SAUNDERS, PAUL AND JEAN
 SAVANNAH ELECTRIC & POWER CO.
 SAVIG, JIM
 SAWYER, JOSEPH A.
 SAYWATT HYDRO ASSN
 SCHAFFNER, HENRY & BARBARA
 SCHARMER, DEAN
 SCHATZ TREE FARM
 SCHMIDT, MERLE
 SCHOENBERGER, V
 SCHOLL CANYON LANDFILL GAS L.P.
 SCHRUNK, OTTO
 SCHULER, BOB
 SCHWARTZ
 SCOTT ENERGY [WOOD]
 SCOTT PAPER CO.
 SCOTT, WESLEY
 SCS ENGINEERS
 SDS LUMBER COMPANY
 SEA WEST ENERGY GROUP
 SEATTLE (CITY OF)
 SEATTLE CITY LIGHT
 SEATTLE ELECTRIC CO.
 SEAWARD DEVELOPMENT
 SEAWEST INDUSTRIES INC.

SEBEC HYDRO
 SEDGWICK CNTY ELECTRIC COOP
 SEGUIN - ELECTRIC SYSTEM (CITY OF)
 SENECA HYDROELECTRIC CO INC.
 SENECA LIGHT & WATER DEPT
 SEQUA CAPITAL
 SEQUACHEE VALLEY ELECTRIC COOP
 SEQUENCE CONSTRUCTION
 SERENA FALLS SCHOOL, ET AL
 SEVEY ERNEST L.
 SEVIERVILLE (CITY OF)
 SHAFER HOLDINGS
 SHARP RANCH
 SHARPENTER, RICHARD
 SHELDON-JACKSON JR. COLLEGE
 SHERMAN, LLOYD
 SHINGLE, MR AND MRS. LARRY
 SHIPP COGEN
 SHO-ME POWER COOP
 SHOEPPER, EDWARD
 SHOROCK HYDRO INC.
 SHOSHONE IRRIGATION DISTRICT
 SIBFEY/ALLERTON
 SIERRA PACIFIC INDUSTRY
 SIERRA PACIFIC POWER CO
 SIERRA POWER CO.
 SIEVERS, JAMES
 SIKESTON BOARD OF MUN UTILS
 SILER CITY MILLS, INC.
 SILVER KING INC.
 SIMMS, FRANK
 SIMON
 SIMPSON PAPER CO.
 SIMPSON, MELVIN
 SISKIYOU COUNTY FLOOD CONTROL AND WATER
 CONTROL
 SISTERS OF ST. JOSEPH
 SITHE ENERGIES
 SITKA MUNICIPAL UTILITIES
 SKAGIT COUNTY
 SKY RIVER PARTNERSHIP
 SMALL HYDRO EAST GROUP
 SMALL, ROBERT
 SMITH, CHARLEY HOCKER
 SMITH, PETER
 SMITHKLINE BECKMAN RESEARCH CENTER
 SMITHTOWN LANDFILL ENERGY ASSOC.
 SMURFIT NEWSPRINT CORPORATION
 SNAKE RIVER POTTERY
 SNIDER INDUSTRIES INC.
 SNOHOMISH COUNTY, PUD #1
 SOBLICK, DENNIS
 SOCORRO ELECTRIC COOP INC.
 SODA SPRINGS MUNIC ELEC LT&PWR
 SOFT CARE APPAREL INC.
 SOLANO IRRIGATION DIST.
 SOLAR RESEARCH
 SOLAR TURBINES
 SOLID WASTE AUTHORITY OF PALM BEACH
 SOMETHING OF VALUE, INC.

SONNENBURG, WALLACE
 SONOCO PRODUCTS CO.
 SONOMA COUNTY
 SONOMA COUNTY WATER AGENCY
 SORENSON ENGINEERING
 SORINSON, PAUL
 SOUTH BARRE HYDROELECTRIC CO. INC.
 SOUTH BELOIT WATER GAS & ELEC
 SOUTH BEND (CITY OF)
 SOUTH CAROLINA ELECTRIC & GAS
 SOUTH CENTRAL CONNECTICUT REGIONAL
 WATER AUTHORITY
 SOUTH COLUMBIA BASIN IRR. DIST
 SOUTH SAN JOAQUIN & OAKDALE IR
 SOUTH SUTTER WATER DISTRICT
 SOUTHEAST RESOURCE RECOVERY FACILITY
 AUTHORITY
 SOUTHEASTERN PUBLIC SERVICE AUTHORITY
 SOUTHERN CALIFORNIA EDISON CO.
 SOUTHERN CALIFORNIA SUNBELT DV
 SOUTHERN MICHIGAN STATE PRISON (S & E)
 SOUTHERN PACIFIC LAND CO.
 SOUTHWEST GREAT PLAINS RESEARCH CENTER
 SOUTHWEST RURAL ELEC ASSN INC.
 SOUTHWESTERN ELECTRIC POWER CO
 SOUTHWESTERN MINNESOTA COOP ELECTRIC
 SOUTHWESTERN PUBLIC SERVICE CO
 SOUTHWIRE CO.
 SOZA, RAUL
 SPACE, RONALD W.
 SPALDING MUNIC LIGHT PLANT
 SPAULDING HYDRO
 SPIESZ, ORVILLE
 SPIRIT LAKE C.S.D.
 SPOKANE DEPT. OF WAT. & HYDROELEC. SERV.
 (CITY OF)
 SPOKANE, CITY OF
 SPRING CITY LIGHT & PWR PLANT
 SPRINGER ELECTRIC COOP INC.
 SPRINGER, FRANKLIN
 SPRINGFIELD HYDROELECTRIC
 SPRINGVILLE (VILLAGE OF)
 SPRINGVILLE MUN PWR&LIGHT DEPT
 SPROUSE, ELVIN H.
 ST GEORGE CITY WTR & PWR DEPT
 ST. CLOUD (CITY OF)
 ST. JOE PAPER
 ST. LOUIS [CITY OF]
 ST. MARY'S LIGHT & WATER DEPT
 STADIG, ARNOLD
 STAFFORD, TOM
 STAHLHUT, LORETTA
 STANEK RESIDENCE
 STANGLER, WILLIAM
 STAPENHORST FWE INC.
 STAR LAKE HYDRO
 STAR MILL FALLS CAMP
 STAR MILLING AND ELECTRIC CO.
 STAR ROCKWIND FARM
 STARKE, JOE

STATE OF HAWAII
 STATE ST. BANK AND TRUST CO. OF CONN.
 STAUFER, JOSEPH
 STEAMBOAT II
 STEARNS COOP ELECTRIC ASSN
 STEELE-WASECA COOP ELECTRIC
 STEELS POND HYDRO
 STEIN, E.
 STEINBERGER BROS. INC., ET AL
 STELLONE, GERALD
 STENNER CANYON HYDRO
 STEPHEN CRANE
 STEPHENS HOLDINGS
 STERLING BECKWITH
 STERLING ENTERPRISES
 STERNER, DR. KEITH
 STEVENS AND THOMPSON
 STEVENS, ELWIN
 STEWART, RICHARD
 STICE, GLEN
 STINGLEY RESIDENCE
 STINSON LUMBER CO.
 STOCKTON WASTEWATER PLANT
 STOLTZFUS, AMOS
 STONE CONTAINER
 STONE HOPEWELL
 STOUGHTON ELECTRIC UTILITY
 STOWE MILLS INC.
 STOWE VILLAGE ELECTRIC DEPT
 STRATHMORE PAPER CO.
 STRAUSSER, HAROLD
 STRAWBERRY WATER USERS ASSN
 STS HYDROPOWER LTD.
 STURGESS, W.M.
 STURGIS (CITY OF)
 SUB OF TUCSON POWER
 SUFFOLK ENERGY PARTNERS
 SUKUP RESIDENCE
 SULLIVAN, THOMAS
 SULPHUR SPRINGS VALLEY E C INC
 SUMPTER ENERGY ASSOC.
 SUNANDER HYDRO ASSOCIATION
 SUNAPEE HYDRO
 SUNCOOK ENERGY
 SUNCOOK LEATHER
 SUNNY VALLEY FARM
 SUSANVILLE RESOURCES, INC.
 SUTER, ROBERT T.
 SWANTON - ELECTRIC LIGHT DEPT (VILLAGE OF)
 SWEET, WALTER
 SWIFT RIVER / HAFSLUND CO.
 SWINGER RESIDENCE
 SYNDECO
 SYNERGICS INC.
 SZYMANSKI, GARY
 T & G HYDRO
 T. JAMES HAGER
 TACOMA CITY LT/PUGET S. P&L
 TACOMA PUBLIC UTILS-LIGHT DIV
 TADS ENTERPRISES

TALLAHASSEE - ELECTRIC DEPT. (CITY OF)
 TALLMAN, LARRY
 TAMPA (CITY OF)
 TAMPA ELECTRIC CO.
 TAMPA WASTE DISPOSAL COGEN
 TANNERY ISLAND POWER CORP.
 TAPOCO INC.
 TATE, MERLE
 TAVEIRNE, GREG
 TAVEIRNE, LOUIS
 TAYLOR ENERGY PARTNERS
 TAYLOR, BRUCE
 TAYLOR, J.
 TAYLOR, WARREN
 TD ENERGY
 TECHNOCHEM ENVIRONMENTAL SYSTEMS
 TEHACHAPI-CUMMINGS CITY WATER DIST.
 TEMPLE GRANITE QUARRIES
 TEMPLETON (CITY OF)
 TEMPUS, LYLE
 TENN. PULP PAPER CO.
 TENNESSEE VALLEY AUTHORITY
 TERA WIND FACILITY
 TEXARKANA (CITY OF)
 TEXAS AGRICULT. EXPR. STATION
 TEXAS ELECTRIC CO.
 TEXAS UTILITIES ELECTRIC CO.
 TEXAS-NEW MEXICO POWER CO.
 TEXON
 THE HENLEY GROUP
 THERMAL REDUCTION
 THERMAL RESOURCES, INC.
 THERMO ELECTRON CORP.
 THIEF RIVER FALLS (CITY OF)
 THIRD NATIONAL BANK
 THOMAS DAIRY (BERTHA & WILLIAM)
 THOMAS HODGSON & SONS
 THOMAS INDUSTRIES
 THOMAS MILLER CO.
 THOMAS, SOUTHWORTH, & HARRISON
 THOMPSON WEINMAN CO.
 THOMPSON, ROBERT H.
 THREE VALLEYS MWD
 THUMB ELECTRIC COOP MICHIGAN
 THUNDER BAY POWER
 THUNDER HILL WIND POWER
 TIBBALS FLOORING COMPANY
 TILLAMOOK LUMBER COMPANY
 TILLAMOOK PEOPLES UTILITY DIST
 TILLOTSON RUBBER COMPANY
 TIMBER ENERGY INC.
 TIMCO WOOD
 TIRU, S.A.
 TITGEN, MR. & MRS. BILL
 TKO
 TOLEDO EDISON COMPANY
 TOLLES ENERGY RESOURCES
 TOM DIEVUS
 TOMAHAWK POWER & PULP
 TONDU INTERSTS

TOPP, KEN
 TOPP, RAY AND RODGER
 TORK TRUCKING & LANDFILL
 TORLINE
 TOURIN, JACK, JEANNE, AND PETER
 TOWN OF SUMMIT
 TOWNSEND ENTERPRISES
 TRAFALGAR POWER
 TRANS MOUNTAIN HYDRO CORP.
 TRANS-PACIFIC GEOTHERMAL CORP.
 TRANSPACIFIC GEO
 TRANSWORLD WIND CORP.
 TRAUTMAN I & II, TOM AND HAROLD
 TRAVERSE CITY LIGHT & POWER
 TRENT, DONALD L. AND RUBY J.
 TREYNOR FARM SUPPLY CO
 TRI-COUNTY ELECTRIC COOP
 TRI-STATE G & T ASSN INC.
 TRIAD AMERICAN ENERGY
 TRICON
 TRIO MANUFACTURING CO.
 TRITON POWER
 TROUT CO.
 TROYEN HYDRO CORP.
 TRUE GEOTHERMAL ENERGY
 TRUETT WORLEY
 TUCSON ELECTRIC CO.
 TULARE (CITY OF)
 TULE RIVER INDIAN RESERVATION
 TULSA (CITY OF)
 TUNGER, SIEGFRIED - WINDMILL
 TUOLUMNE COUNTY PUB POWER AGNY
 TURBINE POWER LTD. PARTNERSHIP
 (BROWNING-FERRIS)
 TURLOCK IRRIGATION DISTRICT
 TURNER, ROBERT
 TWIN FALLS ASSN
 TWO TIVERS INC.
 TYSON, MRS. FRANCES
 U. S. DEPARTMENT OF DEFENSE
 U. S. DEPARTMENT OF ENERGY
 U.S. BUREAU OF INDIAN AFFAIRS
 U.S. DEPT OF INTERIOR
 U.S. ENERGY CORP.
 U.S. FISH AND WILDLIFE DEPARTMENT
 U.S. GENERATING
 U.S. OPERATING SERVICES
 U.S. POWER CORP.
 U.S. SUGAR CORP.
 U.S. TUNGSTEN CORP.
 U.S. WINDPOWER
 UKIAH (CITY OF)
 UNALAKLEET VALLEY ELEC COOP
 UNALASKA ELECTRIC UTILITY
 UNION CAMP
 UNION CITY (VILLAGE OF)
 UNION COUNTY UTILITIES
 UNION ELECTRIC CO
 UNION REA
 UNION VILLAGE DAM

UNITED AMERICAN HYDRO
 UNITED ASSC/GENERAL ELECTRIC
 UNITED BIO-FUEL INDUSTRIES, INC.
 UNITED ELECTRIC COOP INC.
 UNITED ENVIRONMENTAL SERVICES
 UNITED ILLUMINATING CO.
 UNITED POWER ASSN
 UNITED POWER SERVICES INC.
 UNITED TIMBER COPR.
 UNITED WATER CONSERVATION DIST
 UNIVERSAL EXPORTING CO.
 UNIVERSAL PROPERTIES
 UNIVERSITY OF ARIZONA PHOTOVOLTAICS
 INSTALLATION
 UNIVERSITY OF ILLINOIS
 UNIVERSITY OF MINNESOTA
 UNIVERSITY OF NEW HAMPSHIRE
 UNIVERSITY OF TEXAS AT ARLINGTON
 UNKNOWN ARIZONA UNIVERSITY PV
 INSTALLATION
 UNKNOWN FEDERAL ARIZONA PHOTOVOLTAICS
 INSTALLATION
 UNKNOWN FEDERAL HAWAII PV INSTALLATION
 #2
 UNKNOWN FEDERAL HAWAII PV INSTALLATION
 #3
 UNKNOWN FEDERAL NEW MEXICO
 INSTALLATION
 UNKNOWN FLORIDA UNIVERSITY PV
 INSTALLATION
 UNKNOWN INDIVIDUAL
 UNKNOWN INDIVIDUAL KANSAS WIND TURBINE
 #1
 UNKNOWN INDIVIDUAL KANSAS WIND TURBINE
 #2
 UNKNOWN INDIVIDUAL KANSAS WIND TURBINE -
 FINNEY CO
 UNKNOWN INDIVIDUAL KANSAS WIND TURBINE -
 LANE CNTY
 UNKNOWN INDIVIDUAL KANSAS WIND TURBINE -
 NESS CNTY
 UNKNOWN NUG #1
 UNKNOWN NUG #2
 UNKNOWN NUG #3
 UNKNOWN PARTNERS
 UNKNOWN VIRGINIA BUSINESS PV PROJECT
 UNKNOWN VIRGINIA INDIVIDUAL PV
 INSTALLATION
 UNKNOWN WISCONSIN BUSINESS PV PROJECT
 UNKNOWN ILLINOIS BUSINESS PV INSTALLATION
 UNOCAL SCIENCE & TECH
 UNRUH
 UPLAND WATER DEPT.
 UPPER PENINSULA POWER CO.
 UPPER YAMPA WATER CONSERVANCY DISTRICT
 URRUTIA, JOHN
 USBIA-FLATHEAD POWER DIVISION
 USBIA-WAPATO IRRIGATION PROJ
 USCE-DETROIT DISTRICT
 USCE-FORT WORTH DISTRICT

USCE-KANSAS CITY DISTRICT
 USCE-LITTLE ROCK DISTRICT
 USCE-MISSOURI RIVER DISTRICT
 USCE-MOBILE DISTRICT
 USCE-NASHVILLE DISTRICT
 USCE-PORTLAND DISTRICT
 USCE-SAVANNAH DISTRICT
 USCE-SEATTLE DISTRICT
 USCE-ST LOUIS DISTRICT
 USCE-TULSA DISTRICT
 USCE-VICKSBURG DISTRICT
 USCE-WALLA WALLA DISTRICT
 USCE-WILMINGTON DISTRICT
 UTAH MUNICIPAL POWER AGENCY
 UTAH POWER & LIGHT CO.
 UTAH STATE UNIVERSITY
 VAAGEN LUMBER CO.
 VALLEJO (CITY OF)
 VALLEY ELECTRIC COOP INC.
 VALLEY FALLS ASSOCIATES
 VALLEY MOTEL
 VAN DE WETERING, JAMES
 VAN KEULEN & WINCHESTER LUMBER CO.
 VAN STANDER, MICHAEL
 VANCEBURG ELECTRIC SYSTEM
 VANDERBERGH, JOHN
 VANHEERTURA III, JOHN
 VARIOUS SCE CUSTOMER-OWNED WIND UNITS
 VAUGHN, MARK
 VEDCO ENERGY CORP.
 VEDDER
 VENICE RESOURCES
 VENTUS ENERGY CORP.
 VERDUYN, DR. W. H.
 VERLY, ROBERT
 VERMONT ELECTRIC COOP INC.
 VERMONT ENERGY RECOVERY INC.
 VERMONT INT. WASTE SOLUTIONS
 VERMONT POWER EXCHANGE
 VERMONT PUBLIC SUPPLY AUTHORITY
 VESSER, PAULINE
 VICON RECOVERY SYSTEMS
 VICTORY ELECTRIC COOP ASSN INC
 VIKING ENERGY
 VILLARICA, DR. JOSE D.
 VINELAND ELECTRIC UTILITY
 VIRGIL SCHOOLMEESTER
 VIRGINIA BIO-FUEL CORP.
 VIRGINIA ELECTRIC & POWER CO
 VIRGINIA POWER CO.
 VMISO 4 CORPORATION
 VON LAND CO.; VON LOGGING CO.
 VT MARBLE
 W S LIBBEY CO.
 W.J. COWEE INC.
 WADHAM ENERGY LTD. PARTNERSHIP
 WAGNER, TIM AND JOEL
 WAGSTAFF AND BRADY
 WAHL, PAT
 WAIALUA SUGAR CO INC.

WALKER, GARY
 WALKER, GEORGE
 WALKER, LARRY
 WALKER, RICHARD
 WALLA WALLA [CITY OF]
 WALLACE, WESLEY
 WALNUT VALLEY WATER DISTRICT
 WALT DISNEY'S EPCOT CENTER
 WALTER NOLT
 WANDZY/WHEELER-BREED
 WARD MILL HYDRO
 WARD PAPER CO.
 WAREHAM (TOWN OF)
 WARM SPRINGS FOREST PROD. INC.
 WARNER
 WARNER, ALVIN
 WARNER, ARLO
 WARREN ENERGY CORP.
 WARREN HYDRO CO.
 WARREN WOOLEN MILL
 WASHINGTON COUNTY WCD
 WASHINGTON ELECTRIC COOP INC.
 WASHINGTON PUB PWR SUPPLY SYS
 WASHINGTON WATER POWER CO
 WASHOE CO.
 WASTE ENERGY INC.
 WASTE MANAGEMENT
 WATERBURY, MRS. MARK
 WATERTOWN (CITY OF)
 WATERVILET (CITY OF)
 WATSON BIOGAS SYSTEMS
 WAUKESHA-PEARCE IND.
 WAUSAU PAPER MILL
 WAVERLY LIGHT AND POWER
 WAY, BARRRY
 WAYNE ENERGY RECOVERY
 WCU
 WEA BAKER CREEK INC.
 WEATHERLY ASSOCIATION
 WEBB, R.
 WEBER BASIN WATER CONSERV DIST
 WEBSTER HYDRO-ELEC. CO
 WEBSTER HYDROELECTRIC
 WEBSTER, HERSHEL
 WEBSTER, JOHN
 WECHSLER, NATHAN
 WEHRAN ENVIRO TECH.
 WEIDNER, PAUL
 WELLS (TOWN OF)
 WELLS RURAL ELECTRIC CO
 WENCO ENERGY
 WENDELL HOT SPRINGS
 WEST COAST COGENERATION
 WEST DUDLEY POWER CO.
 WEST PALM BEACH COUNTY
 WEST PENN POWER CO.
 WEST SUB. RECYCLING
 WEST TEXAS UTILITIES CO.
 WEST WIND INDUSTRIES
 WESTERN AREA POWER ADMIN[WAPA]

WESTERN COOP ELECTRIC ASSN INC
 WESTERN ILLINOIS ELEC COOP
 WESTERN MASSACHUSETTS ELEC CO.
 WESTERN WINDFARMS
 WESTFIELD RIVER PAPER CO.
 WESTINGHOUSE
 WESTINGHOUSE ELECTRIC CORP.
 WESTINGHOUSE ENERGY SYSTEMS DIV.
 WESTVACO
 WEXLER RESIDENCE
 WEYERHAEU CANADA & INLAND P.E.
 WEYERHAEUSER
 WHALE ROCK COMMISSION
 WHEELABRATOR ENVIRONMENTAL SYSTEMS
 WHEELABRATOR MACKAY BAY INC.
 WHEELABRATOR TECHNOLOGIES
 WHEELABRATOR-FALLS INC.
 WHEELER, JOHN
 WHIPPLE HYDRO
 WHIRLWIND COMPANY
 WHITE COUNTY RURAL E M C
 WHITE HYDRO
 WHITE J.E.
 WHITE MOUNTAIN HYDRO
 WHITE MOUNTAIN HYDROELECTRIC
 WHITE OAK
 WHITE PINE CO.
 WHITE WATER RANCH
 WHITE, TERRY
 WHITE, WESLEY
 WHITES BRIDGE HYDRO
 WHITEWATER ENERGY CORP.
 WHITMORE HYDROELECTRIC CO.
 WHITNEY MILLS
 WICKENBURG UTILITIES SYSTEM
 WIGGINS, DUANE
 WILBUR HYDRO-ELECTRIC PLANT
 WILD, FLOYD
 WILES, DICK
 WILL
 WILLER, ALLAN
 WILLIAMS ENERGY SYSTEMS
 WILLIAMS RIVER ELECTRIC CORP.
 WILLIAMS, ANN
 WILLIS, KEN
 WILSON'S MILL
 WILSON, CHARLES
 WINCHESTER WATER CONTROL DIST.
 WIND ENERGY SYSTEMS
 WIND GNERATOR PARKS
 WIND HARVEST
 WIND VENTURES
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 WINDFARM MANAGEMENT INC.
 WINDHAM [TOWN OF]
 WINDLAND INC.
 WINDMASTER
 WINDPOWER SYSTEMS OF WISCONSIN
 WINDRIDGE INC.
 WINDTRICITY

WINDUSTRIES
 WINDWAY
 WINEAGLE DEVELOPERS
 WINNEBAGO COUNTY LANDFILL
 WINNINGHAM, MR. AND MRS. DALE
 WINOOSKI HYDROELECTRIC CO.
 WINTech LTD.
 WIRKKALA, MARTIN R.
 WISCONSIN CREEK LTD.
 WISCONSIN EDISON
 WISCONSIN ELECTRIC POWER CO
 WISCONSIN POWER & LIGHT CO
 WISCONSIN PUBLIC SERVICE CORP
 WISCONSIN RIVER POWER CO.
 WITZIGMAN, NORBERT J.
 WOLF CREEK HIGHWAY WATER DISTRICT
 WOLFE, WILLIAM
 WOLFGANG SCHLEGEL
 WOLVERINE HYDROELECTRIC CORPOR
 WOLVERINE PWR SUPPLY COOP INC.
 WOOD AND ASSOCIATES
 WOOD MODE CABINETRY
 WOOD SCOTT
 WOOD, JAMES
 WOODBURY CNTY RRL EL COOP ASSN
 WOODLAND BIOMASS
 WOODS CREEK INC.
 WOODS LAKE HYDRO CO.
 WOODSIDE HYDRO
 WOODSVILLE HYDRO GROUP
 WOODSVILLE WATER & LIGHT DEPT
 WOODWIN, DOUGLAS A.
 WOOLCOTT, FRANK
 WOOLENS, O' DONNELL J.J.
 WOONSOCKET HYDRO
 WORCESTER HYDRO CO.
 WORTHINGTON, RAYMOND
 WRIGHT COUNTY RURAL ELEC COOP
 WRIGHT-SCHUCHART-HARBOR
 WYANT, JAMES
 XIDEX
 YADKIN INC.
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 YANKE
 YARNELL, GERALD
 YELLOW JACKET HYDRO
 YOLO COUNTY
 YORK CO. SOLID WASTE AND REFUSE AUTHORITY
 YUBA BEAR RIVER PROJ. OF NEV. IRR. DIST.
 YUBA COUNTY WATER AGENCY
 ZABORSKI, TOM
 ZEELAND BOARD OF PUBLIC WORKS
 ZELLER, PAUL
 ZEPHYR PARK LTD.
 ZILM, CHARLOTTE AND WILLIAM
 ZIMMERMAN, NOAH
 ZINGLER, RUDY
 ZOND SYSTEMS INC.
 ZOND WINDSYSTEM 85
 ZURN INDUSTRIES

Appendix B

REPiS3 Codes and Abbreviations

Table B-1. State Code and FERC Region

State	State Name	FERC Region
AK	Alaska	10
AL	Alabama	4
AR	Arkansas	6
AZ	Arizona	9
CA	California	9
CO	Colorado	8
CT	Connecticut	1
DC	District of Columbia	3
DE	Delaware	3
FL	Florida	4
GA	Georgia	4
HI	Hawaii	9
IA	Iowa	7
ID	Idaho	10
IL	Illinois	5
IN	Indiana	5
KS	Kansas	7
KY	Kentucky	4
LA	Louisiana	6
MA	Massachusetts	1
MD	Maryland	3
ME	Maine	1
MI	Michigan	5
MN	Minnesota	5
MO	Missouri	7
MS	Mississippi	4

MT	Montana	8
NC	North Carolina	4
ND	North Dakota	8
NE	Nebraska	7
NH	New Hampshire	1
NJ	New Jersey	2
NM	New Mexico	6
NV	Nevada	9
NY	New York	2
OH	Ohio	5
OK	Oklahoma	6
OR	Oregon	10
PA	Pennsylvania	3
RI	Rhode Island	1
SC	South Carolina	4
SD	South Dakota	8
TN	Tennessee	4
TX	Texas	6
UT	Utah	8
VA	Virginia	3
VT	Vermont	1
WA	Washington	10
WI	Wisconsin	5
WV	West Virginia	3
WY	Wyoming	8

Table B-2. Technology Codes

Tech Code	Description
BIO	Bioenergy
G	Geothermal
H	Hydro
P	Photovoltaic
ST	Solar Thermal
W	Wind

Table B-3. Fuel Codes

Fuel Code	Description	Classification
AR	Agricultural Residues (Waste)	Bioenergy
BG	Biogas	Bioenergy
ER*	Energy Crops	Bioenergy
GST	Geothermal Steam	Geothermal
MSW	Municipal Solid Waste (Including Industrial and Medical) and Medical)	Bioenergy
SUN	Solar	Sun
TR	Timber Residues (Milling and Logging Residues)	Bioenergy
WAT	Water	Water
WND	Wind	Wind

* Future component of REPiS database

Table B-4. Status Types

Status Type	Description	Classification
OP	Operating Out of Service Standby Testing	Operating
PL	Planned Postponed Planned (Unit Not Under Construction) Initial Planning Stage Resource Monitoring Begun Permitting in Progress (Environ. and/or Reg.; Including Siting) Financial Letter of Intent In Hand Fuel Source Commitment Signed Contracts Project Selected from RFP Process Contract Under Negotiation	Planned
PLHP	Under Construction Permitting Approved Financial Closure Firm Contract Equipment Has Been Ordered	Planned with High Probability of Success
RE	Cancelled Retired Retired and Dismantled Sold to and Operated by Nonutility	Retired

Table B-5. Owner Categories

Owner Category	Description	Classification
CAN	Canadian-Owned	Canadian
COP	Distribution Cooperatives	Cooperatives
COP	Generation Cooperatives	Cooperatives
IOU	Investor-Owned Utilities	Investor Owned
NUG	Oil Company	Nonutilities
NUG	Nonutilities	Nonutilities
PO	Federally Owned	Publicly Owned
PO	Municipal	Publicly Owned
PO	Public Authorities	Publicly Owned
PP	Power Pool/Planning Areas	Power Pool

Table B-6. Bioenergy (Biomass) Fuel Code Descriptions

Bioenergy Fuel Code	Description
AR	Agricultural Residues (Waste) Cannery Wastes Nut Hulls Fruit Pits Nut Shells
BG	Biogas Alcohol (Term Includes Butanol, Ethanol, and Methanol) Bagasse Hydrogen Landfill Gas (Refuse Gas) see also METHANE Livestock Manure Methane (LGAS or Sewage Gas) Includes Digester Gas Refuse Gas Municipal Sewage Wood Gas (from Wood Gasifier)
ER*	Energy Crops Grains (Corn, Rice, Wheat)
MSW	Municipal Solid Waste (Including Industrial and Medical) Hazardous Waste Refuse-Derived Fuel (Combustible Portion of Refuse) Refuse (Garbage, Trash) (Brush, Dirt, Food Waste, Grass, Greens, Leather, Leaves, Oils, Paints, Paper, Plastics, Rags, Rubber, Wood) Scrap Tires (Could be Shredded) Wastewater Sludge
TR	Timber Residues (Milling Residues and Logging Residues) Tree Bark Wood Chips (from Milling/Logging) Hog (Hogged) Fuel Pulping Liquor Paper Mill Sludge Peat Tree Pitch Sander Dust (from Milling) Sawdust (from Milling) Shavings (from Milling) Tree Trim (from Milling) Wood or Wood Waste

*Future component of REPiS database

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