THE 1984 NARUC CATALOG
OF
COMPUTER PROGRAMS AND DATA BASES

prepared by

THE NATIONAL REGULATORY RESEARCH INSTITUTE
2130 Neil Avenue
Columbus, Ohio   43210

in association with the

NATIONAL ASSOCIATION OF REGULATORY UTILITY
COMMISSIONERS STAFF SUBCOMMITTEE ON COMPUTERS

June 1984

Acknowledgements

FOREWORD

The 1984 NARUC Catalog of Computer Programs and Data Bases was prepared by Pran Paul, Robert Burns, and Jeffrey Shih of The National Regulatory Research Institute (NRRI) at the request of the National Association of Regulatory Utility Commissioners Staff Subcommittee on Computers.

The NRRI Board approved a $33,000 project for the NRRI to compile this catalog in 1984. The objective of this project is to help strengthen the capabilities of state regulatory agencies to perform computer-assisted analyses. This catalog helps to meet this objective by providing a directory of computer programs currently in use and available from the NARUC agencies.

Listed below are the members of the NARUC Committee on Accounts and the NARUC Staff Subcommittee on Computers.

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Paul Rodgers
Administrative Director
and General Counsel
NARUC

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SECTION I. INTRODUCTION

This catalog's purpose is to assist commissions in developing computer resources by providing a list of existing computer resources of other regulatory agencies. By providing a list of computer programs, this catalog helps commissions to pinpoint the sources of assistance in acquiring or developing computer programs to accomplish specific tasks.

With the introduction of computers in so many spheres of life, application of computer technology in regulatory work is not surprising. The NARUC Staff Subcommittee on Computers was formed to study and discuss the application of computer technology in regulatory work, to encourage commission use of computer technology, and to facilitate the exchange of data and informtion among commissions. One of the projects launched by the Subcommitee on Computers was the development of a catalog of computer programs and data bases in use by state and federal regulatory commissions.

The catalog was first published in 1977. It was then updated in 1981 by The National Regulatory Research Institute and published by NARUC as The 1981 NARUC Catalog of Computer Programs and Data Bases. Both catalogs have been widely used by commissions in the United States and Canada. The 1981 Catalog was based on information gathered in 1980. Since that time, the growth in application of computer technology in the regulatory field along with the revolution in microcomputers made it necessary again to update the catalog. The 1984 Catalog was prepared by the NRRI to achieve that goal by updating the 1981 Catalog program listings, deleting some program listings from the 1981 Catalog, and adding new program listings. This catalog contains 347 programs of 35 agencies. Information about computer hardware used by NARUC member agencies is in the appendix.

Because it is the intent of the Subcommittee to continue to maintain this catalog, commissions are requested to submit information pertaining to additions of new systems or programs, deletions or modifications of published systems or programs on a periodic basis to the NARUC Subcommittee on Computers, c/o NARUC, 1102 Interstate Commerce Commission Building, P.O. Box 684, Washington, D.C. 20044.

Computer programs may be obtained directly from the commission listing the program. There may be a charge or fee for securing a program, depending on the policies of the particular commission, and the nature and amount of work involved. In most cases the fee will be nominal and may include the cost of documentation and magnetic tape. In all cases, however, the fees will be handled directly between the requester (a member agency of NARUC) and the agency providing the information.

NARUC Agency Addresses

In order to facilitate the exchange of information among NARUC agencies, a list of agency names, addresses, and telephone numbers is given below.

1. ALABAMA PUBLIC SERVICE COMMISSION
   Post Office Box 991
   Montgomery, Alabama 36130
   (205) 832-3421

2. ALASKA PUBLIC UTILITIES COMMISSION
   420 L Street, Suite 100
   Anchorage, Alaska 99501
   (907) 276-6222

3. ALASKA TRANSPORTATION COMMISSION
   Suite 778, Frontier Building
   3601 C Street
   Anchorage, Alaska 99503
   (907) 561-4216

4. ALBERTA PETROLEUM MARKETING COMMISSION
   1900, 250-6 Avenue, S.W.
   Calgary, Alberta, Canada T2P 3H7
   (403) 262-8808

5. ALBERTA PUBLIC UTILITIES BOARD
   10055-106th Street
   Manulife House, 11th Floor
   Edmonton, Alberta, Canada T5J 2Y2
   (403) 261-6306

6. ARIZONA CORPORATION COMMISSION
   1200 W. Washington Street
   Phoenix, Arizona 85007
   (602) 255-3931

7. ARKANSAS PUBLIC SERVICE COMMISSION
   P.O. Box C 400
   Little Rock, Arkansas 72203
   (501) 371-1794

8. ARKANSAS TRANSPORTATION COMMISSION
   Justice Building
   Little Rock, Arkansas 72201
   (501) 371-1341

9. BRITISH COLUMBIA HYDRO AND POWER AUTHORITY
   970 Burrard Street
   Vancouver, British Columbia, Canada V6Z 1Y3
   (604) 663-2695

10. BRITISH COLUMBIA UTILITIES COMMISSION
    21st Floor, 1177 W. Hastings Street
    Vancouver, British Columbia, Canada V6E 2L7
    (604) 689-1831

11. CALIFORNIA PUBLIC UTILITIES COMMISSION
    California State Building
    350 McAllister Streeet
    San Francisco, California 94102
    (415) 557-1923

12. CANADIAN RADIO-TELEVISION AND TELECOMMUNICATIONS
       COMMISSION
    Ottawa, Ontario
    Canada K1A ON2
    (819) 997-0313

13. CIVIL AERONAUTICS BOARD
    1825 Connecticut Ave., N.W.
    Washington, D.C. 20428
    (202) 655-4000

14. COLORADO PUBLIC UTILITIES COMMISSION
    500 State Services Building
    1525 Sherman Street
    Denver, Colorado 80203
    (303) 866-3156

15. CONNECTICUT PUBLIC UTILITIES CONTROL AUTHORITY
    1 Central Park Plaza
    New Britain, Connectiuct 06051
    (203) 827-1553

16. DELAWARE PUBLIC SERVICE COMMISSION
    1560 South DuPont Highway
    Dover, Delaware 19901
    (302) 736-4247

17. DISTRICT OF COLUMBIA PUBLIC SERVICE COMMISSION
    451 Indiana Avenue, N.W.
    Washington, D.C. 20001
    (202) 727-3050

18. FEDERAL COMMUNICATIONS COMMISSION
    1919 M Street, N.W.
    Washington, D.C. 20554
    (202) 665-4000

19. FEDERAL ENERGY REGULATORY COMMISSION
    825 North Capitol Street, N.E.
    Washington, D.C. 20426
    (202) 357-8055

20. FEDERAL HIGHWAY ADMINISTRATION
    400 Seventh Street, S.W.
    Washington, D.C. 20590
    (202) 426-0677

21. FEDERAL RAILROAD ADMINISTRATION
    NASSIF Building
    400 Seventh Street, S.W.
    Washington, D.C. 20590
    (202) 426-0710

22. FLORIDA PUBLIC SERVICE COMMISSION
    1091 East Gaines Street
    Fletcher Building
    Tallahassee, Florida 32301-8153
    (904) 488-1234

23. GEORGIA PUBLIC SERVICE COMMISSION
    162 State Office Building
    244 Washington Street, S.W.
    Atlanta, Georgia 30334
    (404) 656-4501

24. HAWAII PUBLIC UTILITIES COMMISSION
    1164 Bishop Street, Sutie 911
    Honolulu, Hawaii 96813
    (808) 548-3990

25. IDAHO PUBLIC UTILITIES COMMISSION
    Statehouse
    Boise, Idaho 83720
    (208) 334-3143

26. ILLINOIS COMMERCE COMMISSION
    Leland Building
    527 East Capitol Avenue
    Springfield, Illinois 62706
    (312) 793-2850

27. INDIANA PUBLIC SERVICE COMMISSION
    901 State Office Building
    Indianapolis, Indiana 46204
    (317) 232-2701

28. INTERSTATE COMMERCE COMMISSION
    Interstate Commerce Commission Building
    12th Street and Constitution Ave, N.W.
    Washington, D.C. 20423
    (202) 655-4000

29. IOWA STATE COMMERCE COMMISSION
    Lucas Building
    Des Moines, Iowa 50319
    (515) 281-3631

30. IOWA TRANSPORTATION REGULATION AUTHORITY
    Department of Transportation
    507-10th Street
    Des Moines, Iowa 50319
    (515) 281-3631

31. KANSAS STATE CORPORATION COMMISSION
    State Office Building
    Topeka, Kansas 66612
    (913) 296-3326

32. KENTUCKY PUBLIC SERVICE COMMISSION
    730 Schenkel Lane
    P.O. Box 615
    Frankfort, Kentucky 40602
    (502) 564-3940

33. KENTUCKY RAILROAD COMMISSION
    Second Floor, State Office Building
    Frankfort, Kentucky 40622
    (502) 564-4640

34. LOUISIANA PUBLIC SERVICE COMMISSION
    One American Place
    Suite 1630
    Baton Rouge, Louisiana 70825
    (504) 342-4427

35. MAINE PUBLIC UTILITIES COMMISSION
    State House
    Augusta, Maine 04333
    (207) 289-3831

36. MARYLAND PUBLIC SERVICE COMMISSION
    American Building
    231 East Baltimore Street
    Baltimore, Maryland 21202
    (301) 659-6000

37. MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES
    100 Cambridge Street
    Boston, Massachusetts 02202
    (617) 727-3500

38. MICHIGAN PUBLIC SERVICE COMMISSION
    Mercantile Building
    6545 Mercantile Way
    Post Office Box 30221
    Lansing, Michigan 48909
    (517) 373-3244

39. MINNESOTA DEPARTMENT OF TRANSPORTATION
    411 Transportation Building
    John Ireland Boulevard
    St. Paul, Minnesota 55155
    (612) 296-3000

40. MINNESOTA PUBLIC UTILITIES COMMISSION
    780 American Center Building
    Seventh Floor
    160 East Kellogg Boulevard
    St. Paul, Minnesota 55101
    (612) 296-7124

41. MINNESOTA DEPARTMENT OF PUBLIC SERVICE
    160 East Kellogg Boulevard
    790 American Center Building
    St. Paul, Minnesota 55101
    (612) 296-7124

42. MISSISSIPPI PUBLIC SERVICE COMMISSION
    19th Floor, Walter Sillers State Office Bldg.
    Post Office Box 1174
    Jackson, Mississippi 39205
    (601) 961-5400

43. MISSOURI PUBLIC SERVICE COMMISSION
    Post Office Box 360
    Jefferson City, Missouri 65101
    (314) 751-4113

44. MONTANA PUBLIC SERVICE COMMISSION
    1227 - 11th Avenue
    Helena, Montana 59601
    (406) 449-3007

45. NATIONAL ENERGY BOARD (CANADA)
    473 Albert Street
    Ottawa, Ontario, Canada K1A 0E5
    (613) 992-6369

46. NATIONAL REGULATORY RESEARCH INSTITUTE
    2130 Neil Avenue
    Columbus, Ohio   43210
    (614) 422-9404

47. NATIONAL TELECOMMUNICATIONS AND INFORMATION
       ADMINISTRATION
    14th and Constitution Avenue, N.W.
    Commerce Department Building, Room 4898
    Washington, D.C.   20230
    (202) 377-1840

48. NEBRASKA PUBLIC SERVICE COMMISSION
    Post Office Box 94927
    Lincoln, Nebraska   68509
    (402) 471-3101

49. NEVADA PUBLIC SERVICE COMMISSION
    505 East King Street
    Carson City, Nevada   89701
    (702) 885-4180

50. NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION
    8 Old Suncook Road
    Concord, New Hampshire 03301
    (603) 271-2442

51. NEW JERSEY BOARD OF PUBLIC UTILITIES
    1100 Raymond Boulevard
    Newark, New Jersey   07102
    (201) 648-2026

52. NEW JERSEY DEPARTMENT OF TRANSPORTATION
    1035 Parkway Avenue, CN 600
    Trenton, New Jersey 08625
    (609) 292-3346

53. NEW MEXICO PUBLIC SERVICE COMMISSION
    Bataan Memorial Building
    Santa Fe, New Mexico 87503
    (505) 827-3361

54. NEW MEXICO STATE CORPORATION COMMISSION
    Post Office Drawer 1269
    Santa Fe, New Mexico 87501

55. NEW YORK POWER AUTHORITY
    10 Columbus Circle
    New York City, NY 10019
    (212) 397-6200

56. NEW YORK PUBLIC SERVICE COMMISSION
    Empire State Plaza
    Albany, New York 12223
    (518) 474-7080

57. NEW YORK STATE DEPARTMENT OF TRANSPORTATION
    1220 Washington Avenue
    State Campus
    Albany, New York 12232
    (518) 457-1060

58. NEWFOUNDLAND AND LABRADOR BOARD OF
        COMMISSIONERS OF PUBLIC UTILITIES
    P.O. Box 9188
    St. John's, Newfoundland
    Canada A1A 2X9

59. NORTH CAROLINA UTILITIES COMMISSION
    Dobbs Building
    430 North Salisbury Street
    P.O. Box 991
    Raleigh, North Carolina 27602
    (919) 733-4249

60. NORTH DAKOTA PUBLIC SERVICE COMMISSION
    State Capitol Building
    Bismarck, North Dakota 58505
    (701) 224-2400

61. NOVA SCOTIA BOARD OF COMMISSIONERS OF PUBLIC
        UTILITIES
    1526 Dreedson Row
    Post Office Box 3058
    Halifax South Postal Station
    Halifax, Nova Scotia B3J 3G7
    (902) 424-4448

62. NUCLEAR REGULATORY COMMISSION
    Washington, D.C. 20555
    (202) 492-7000

63. OHIO PUBLIC UTILITIES COMMISSION
    375 South High Street
    Columbus, Ohio 43215
    (614) 466-3016

64. OKLAHOMA CORPORATION COMMISSION
    Jim Thorpe Office Building
    Oklahoma City, Oklahoma 73105
    (405) 521-2351

65. ONTARIO ENERGY BOARD
    14 Carlton Street
    9th Floor
    Toronto, Ontario, Canada M5B 1J2
    (416) 598-4000

66. ONTARIO HYDRO
    700 University Avenue
    Toronto, Ontario
    Canada M5G 1X6
    (416) 592-5111

67. ONTARIO TELEPHONE SERVICE COMMISSION
    3625 Dufferin Street
    Suite 200
    Downsview, Ontario, Canada M3K 1Z2
    (416) 248-3831

68. OREGON PUBLIC UTILITY COMMISSIONER
    300 Labor and Industries Building
    Salem, Oregon 97310
    (503) 378-6372

69. PENNSYLVANIA PUBLIC UTILITY COMMISSION
    Post Office Box 3265
    Harrisburg, Pennsylvania 17120
    (717) 783-1740

70. PHILADELPHIA GAS COMMISSION
    1401 Arch Street, Suite 1200
    Philadelphia, Pennsylvania 19102
    (215) 563-6928

71. POSTAL RATE COMMISSION
    2000 L Street, N.W., Suite 500
    Washington, D.C. 20268
    (202) 254-5614

72. PRINCE EDWARD ISLAND PUBLIC UTILITIES COMMISSION
Post Office Box 557
Charlottetown, Prince Edward Island
Canada   C1A 7L1

73. PUERTO RICO PUBLIC SERVICE COMMISSION
Post Office Box-Call
Box CP-Hato Rey
San Juan, Puerto Rico   00919-3806
(809) 751-5050

74. QUEBEC ELECTRICITY AND GAS BOARD
2100 rue Drummond
Montreal, Quebec, Canada   H3G 1X1
(514) 873-2452

75. QUEBEC PUBLIC SERVICE BOARD
2875 Laurier Boulevard
Ste-Foy, Quebec, Canada   G1V 2M2
(418) 643-5560

76. RHODE ISLAND PUBLIC UTILITIES COMMISSION
100 Orange Street
Providence, Rhode Island   02903
(401) 277-3500

77. RURAL ELECTRIFICATION ADMINISTRATION,
UNITED STATES DEPARTMENT OF AGRICULTURE
14th Street and Independence Avenue, S.W.
Washington, D.C.   20250
(202) 655-4000

78. SASKATCHEWAN PUBLIC UTILITIES REVIEW COMMISSION
Study-Stone Centre
122 Third Avenue North
Saskatoon, Canada   S7K 2H6
(306) 664-7198

79. SECURITIES AND EXCHANGE COMMISSION
450 5th Street, N.W.
Washington, D.C. 20549
(202) 272-3100

80. SOUTH CAROLINA PUBLIC SERVICE COMMISSION
111 Doctors Circle
Post Office Box 11649
Columbia, South Carolina   29211
(803) 758-3721

81. SOUTH DAKOTA PUBLIC UTILITIES COMMISSION
    Capitol Building
    Pierre, South Dakota   57501
    (605) 773-3201

82. TENNESSEE PUBLIC SERVICE COMMISSION
    C1-120 Cordell Hull Building
    Nashville, Tennessee   37219
    (615) 741-2904

83. TENNESSEE VALLEY AUTHORITY
    400 Commerce Avenue
    Knoxville, Tennessee   37902
    (615) 632-2101

84. TEXAS PUBLIC UTILITY COMMISSION
    7800 Shoal Creek Boulevard
    Suite 400-N
    Austin, Texas   78757
    (512) 458-0100

85. TEXAS RAILROAD COMMISSION
    Drawer 12967
    Capitol Station
    Austin, Texas   78711
    (512) 445-1100

86. UTAH PUBLIC SERVICE COMMISSION
    160 East 300 South
    Post Office Box 5802
    Salt Lake City, Utah   84110
    (801) 530-6713

87. VERMONT PUBLIC SERVICE BOARD
    120 State Street
    State Office Building
    Montpelier, Vermont   05601
    (802) 828-2358

88. VIRGIN ISLANDS PUBLIC SERVICE COMMISSION
    Post Office Box 450
    Charlotte Amalie
    St. Thomas, Virgin Islands   00801
    (809) 776-1291

89. VIRGINIA STATE CORPORATION COMMISSION
    Jefferson Building
    Post Office Box 1197
    Richmond, Virginia   23209
    (804) 786-3672

90. WASHINGTON UTILITIES AND TRANSPORTATION
        COMMISSION
    Highways-Licenses Building
    Olympia, Washington 98504
    (206) 753-6423

91. WEST VIRGINIA PUBLIC SERVICE COMMISSION
    Room E-217, Capitol Building
    Charleston, West Virginia 25305
    (304) 348-2182

92. WISCONSIN DEPARTMENT OF TRANSPORTATION
    255 Hill Farms State Office Building
    Madison, Wisconsin 53707
    (608) 266-2235

93. WISCONSIN PUBLIC SERVICE COMMISSION
    477 Hill Farms State Office Building
    Post Office Box 7854
    Madison, Wisconsin 53707
    (608) 266-1241

94. WISCONSIN COMMISSIONER OF TRANSPORTATION
    477 Hill Farms State Office Building
    Post Office Box 7957
    Madison, Wisconsin 53707
    (608) 266-3408

95. WYOMING PUBLIC SERVICE COMMISSION
    Capitol Hill Building
    320 West 25th Street
    Cheyenne, Wyoming 82002
    (307) 777-7427

SECTION II. GUIDE TO USING THIS CATALOG

The computer programs listed in this catalog are divided into six application categories: Administration, Energy Management, Compliance/Enforcement, Rate and Cost Analysis, Case Processing and Management, and General Purpose and Other. Within each category the programs are arranged alphabetically by keywords which most appropriately describe the program application, such as budget analysis, cost of service, or hydroeletric. If a program's application is not confined to a single category, the program is listed under more than one category.

A brief description of each application category is given here.

Administration

Applications pertaining to the operations of the regulatory agency itself, such as:

> Budget Forecasting
> Personnel Reports
> Payroll
> Assessment and Tax Collections
> Time and Activity Reports
> Address Labels

Energy Management

Applications pertaining to the analysis of supply, demand, cost, price, and environmental impact of all forms of energy, such as:

> Load Forecasting
> Peak Load Analysis and Pricing
> Environmental Analysis
> Efficiency Studies
> Consumption Analysis

Compliance/Enforcement

Applications pertaining to the surveillance of the activities of regulated companies, such as:

> Quality of Service Study
> Complaints Analysis
> Safety Programs
> Railroad Bridge Analysis
> Railroad Crossing Analysis
> Carrier Mileage Factors
> Annual Financial Reports Audits

Rate and Cost Analysis

Applications pertaining to the determination and calculations of all costs and rates, such as:

Econometric Models
Corporate Models
Depreciation Analysis
Rate of Return Analysis
Cost-of-Service Study
Rate Structure Analysis
Financial Ratios
Operation/Maintenance Ratios
Revenue Reports
Cost of Capital

Case Processing and Management

Applications pertaining to the scheduling and monitoring of cases as they go through the regulatory process, including related legal activity, such as:

Legal Research and Precedents
Case Status Reports
Case Scheduling
Rulemaking Precedents
Case Costs

General Purpose and Other Programs

Programs which are general in purpose and can support more than one application, such as:

File Management
Retrieval Programs
Report Generating Programs

It also includes a useful program that does not fit into any of the above categories.

Each program is on a separate page and described in 13 items. Some items for a program may be indicated as "N.A." if the information item is not applicable to the program or the information was not available from the agency.

In order to search for computer programs and data bases of interest to the reader, the reader should use the indices contained in this section. The four indices in this section are entitled: (1) search for computer programs and data bases by application category, (2) search for computer programs and data bases by agency and

application category, (3) search for computer programs and data bases by utility sector and application category, and (4) search for computer programs and data bases by hardware configuration and application category. Instructions on how to use each index are presented at the beginning of each index.

Once a program is located, the program information can be read by following this item-by-item guide:

Application Category: The most appropriate application category is selected.

Program Keywords: The keywords which describe the application of the program.

Program Description: A description of the program.

Utility Sector: Indicates the type of utility to which the program applies. If the program does not apply to a single utility, Multi-utility or Other is indicated.

Language: The computer language in which the program is written.

Host System: The computer manufacturer and model.

Processing Mode: The type of processing operation to run the program.

Teleprocessing Monitor: If the system or any of the program are interactive requiring a teleprocessing monitor, the name of the teleprocessing monitor is listed.

Data Base Management System: If a data base management system software package is required, its name is listed.

Special Requirements: Hardware or software essential for the execution or operation of the program is listed.

Program Identification: The name or number used by the agency to identify the program.

Agency: Offical agency name that submitted the program information.

Contact Person: The person who would be able to answer inquiries about the program.

Program Acquisition and Documentation: Indicates whether there is any documentation available for the program, whether and how another commission could acquire the program.

SEARCH FOR
COMPUTER PROGRAMS AND DATA BASES
BY APPLICATION CATEGORY

This subsection enables the reader to search for computer programs and data bases by application category and keywords. In this section, each computer program and data base is listed alphabetically by keywords in the most appropriate application category. The application categories are administration, energy management, compliance/enforcement, rate and cost analysis, case processing and management, and general purpose and other.

ADMINISTRATION

ADMINISTRATION (Cont'd)

ENERGY MANAGEMENT

COMPLIANCE/ENFORCEMENT

RATE AND COST ANALYSIS

RATE AND COST ANALYSIS (Cont'd)

CASE PROCESSING AND MANAGEMENT

CASE PROCESSING AND MANAGEMENT (Cont'd)

GENERAL PURPOSE AND OTHER

SEARCH FOR
COMPUTER PROGRAMS AND DATA BASES
BY AGENCY AND APPLICATION CATEGORY

This subsection enables the reader to search for computer programs and data bases by NARUC agency and application category. Under each agency, the programs and data bases are listed by keywords in the most appropriate application category. Within each application category, keywords are listed alphabetically.

Energy Management

Compliance/Enforcement

Rate and Cost Analysis

Case Processing and Management

General Purpose and Other

FEDERAL COMMUNICATIONS COMMISSION

Administration

Compliance/Enforcement

Rate and Cost Analysis

FEDERAL ENERGY REGULATORY COMMISSION

Administration

Energy Management

Compliance/Enforcement

FLORIDA PUBLIC SERVICE COMMISSION

GEORGIA PUBLIC SERVICE COMMISSION

NEVADA PUBLIC SERVICE COMMISSION

NEW JERSEY BOARD OF PUBLIC UTILITIES

NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

NEW YORK STATE PUBLIC SERVICE COMMISSION

Administration (Cont'd)

Compliance/Enforcement

Rate and Cost Analysis

Case Processing and Management

General Purpose and Other

NORTH CAROLINA UTILITIES COMMISSION

Energy Management

SEARCH FOR
COMPUTER PROGRAMS AND DATA BASES
BY UTILITY SECTOR AND APPLICATION CATEGORY

This subsection enables the reader to search for computer programs and data bases by utility sector and application category. Programs and data bases are first listed according to their utility sector: electric, gas, telephone, water, and multi-utility and other. Under each utility sector, the programs and data bases are then listed by keywords in the most appropriate application category. Within each application category, keywords are listed alphabetically.

ELECTRIC   Page

Energy Management

Compliance/Enforcement

Rate and Cost Analysis

Rate and Cost Analysis (Cont'd)

TELEPHONE

Administration

Compliance/Enforcement

Rate and Cost Analysis

Case Processing and Management

General Purpose and Other

WATER

Energy Management

Administration (Cont'd)

Energy Management

Compliance/Enforcement

Compliance/Enforcement (Cont'd)

Rate and Cost Analysis

General Purpose and Other

SEARCH FOR
COMPUTER PROGRAMS AND DATA BASES
BY HARDWARE CONFIGURATION AND APPLICATION CATEGORY

This subsection enables the reader to search for computer programs and data bases by hardware configuration: mainframe, minicomputer, and microcomputer. Under each hardware configuration the programs and data bases are then listed by keywords in the most appropriate application category. Within each application category, keywords are listed alphabetically.

MAINFRAME

Administration (Cont'd)

Energy Management

Compliance/Enforcement

Compliance/Enforcement (Cont'd)

Compliance/Enforcement (Cont'd)

Rate and Cost Analysis

Rate and Cost Analysis (Cont'd)

Rate and Cost Analysis (Cont'd)

Case Processing and Management

General Purpose and Other

General Purpose and Other

MINICOMPUTER

Administration

Administration (Cont'd)

Compliance/Enforcement

Rate and Cost Analysis

Case Processing and Management

Rate and Cost Analysis (Cont'd)

General Purpose and Other

SECTION III

LISTING OF COMPUTER PROGRAMS BY
APPLICATION CATEGORY

    This Section contains program listings according to application
categories: Administration, Energy Management, Compliance/Enforcement,
Rate and Cost Analysis, Case Processing and Management, and General
Purpose and Other. Within each application category, the programs are
arranged alphabetically by keywords which describe the program
application.

Application Category: Administration

PROGRAM KEYWORDS: ACCOUNTING/BUDGETING SYSTEM

PROGRAM INFORMATION

    Program Description:

    Accounting/Budgeting System

    Utility Sector: [ ] Electric
                      [ ] Gas
                      [ ] Telephone
                      [ ] Water
                      [xx] Multi-utility and Other

    Language: MAPPER

    Host System: [xx] Mainframe: UNIVAC 1100 _____
                      [ ] Minicomputer: _____
                      [ ] Microcomputer: _____

    Processing Mode: Interactive

    Teleprocessing Monitor: TIP and CMS

    Data Base Management System: MAPPER

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: APRO

    Agency: State Corporation Commission of Kansas

    Contact Person: Dave Larson

    Program Acquisition and Documentation:

    Documentation and Programs available, free.

92<u>9lication Category</u>: Administration

PROGRAM KEYWORDS: ACCOUNTING SYSTEM, COMMISSION

PROGRAM INFORMATION

<u>Program Description</u>:

Supports the fiscal processes of all Commission operations. Provides
automated record of all revenue and expenditure transactions generated
by these processes; provides management control reports.

<u>Utility Sector</u>:   [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

<u>Language</u>:   DATA BASE - (COBOL)

<u>Host System</u>:   [xx] Mainframe: <u>SPERRY UNIVAC 1100/84</u>
                     [ ] Minicomputer: _____
                     [ ] Microcomputer: _____

<u>Processing Mode</u>:   Batch and Interactive

<u>Teleprocessing Monitor</u>:   TIP

<u>Data Base Management System</u>:   DMS 1100

<u>Special Requirements</u>:   N.A.

ACQUISITION AND ADDITIONAL INFORMATION

<u>Program Identification</u>:   ACT

<u>Agency</u>:   Virginia State Corporation Commission

<u>Contact Person</u>:   Chester A. Roberts

<u>Program Acquisition and Documentation</u>:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at
(804) 786-4418.

Application Category: Administration

PROGRAM KEYWORDS: ADDRESS LABELS

PROGRAM INFORMATION

Program Description:

The On-Line Access Mailing Label System provides the capability of
maintaining a name and address file without involvement of the com-
puter applications division. The system will provide the user the
means to selectively create labels and to maintain all items on a
master file. Computer produced labels are processed on the Cheshire
addresser machine in ASD, and used for mailing information to the
public.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: HONEYWELL 66/60 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Indexed Sequential Processor (ISP)

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Administration Branch

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: ADDRESS LABELS, MOTOR CARRIER

PROGRAM INFORMATION

Program Description:

Maintains the name and address plus a few other facts for the
regulated motor carriers who operate within the State of Connecticut,
and is capable of printing 3-up labels for the annual application
mailing.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3081 MODEl D
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PU1021-PU1025

Agency: Connecticut Department of Public Utility Control

Contact Person: Walter Leary

Program Acquisition and Documentation:

System is tailored to Connecticut's requirements and may not be
useful to another system.   The system may be transferred to a WANG
Alliance microcomputer in the near future.

Application Category: Administration

PROGRAM KEYWORDS: ADDRESS MAILING FILE AND LABEL GENERATION

PROGRAM INFORMATION

Program Description:

Print mailing labels for: state and federal representatives and
senators, various state and national media, libraries, chambers of
commerce, etc.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: MARK IV

Host System: [xx] Mainframe: AMDAHL 5850
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MAILING LABELS

Agency: Wisconsin Public Service Commission

Contact Person: Gene Masshardt

Program Acquisition and Documentation:

Documentation and software are available to other commissions on
request from the Director, Data Processing Bureau, Division of
Administrative Services.

Application Category: Administration

PROGRAM KEYWORDS: ADDRESS MAILING LABELS

PROGRAM INFORMATION

Program Description:

This program creates, lists, and prints labels for various mailing requirements.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL, DATABUS, and ASSEMBLER

Host System: [ ] Mainframe: _____
                 [xx] Minicomputer: DATAPOINT ARC _____
                 [ ] Microcomputer: _____

Processing Mode: Interactive and Batch

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ADD

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

Documentation for the program is poor. The Commission can send the source program on tape.

Application Category: Administration

PROGRAM KEYWORDS: ADDRESS MAILING LABELS, TV, RADIO

PROGRAM INFORMATION

Program Description:

The Master Log-in System provides a master station file containing
descriptive information for each commercial and non-commercial radio
and TV broadcast station. The major function of the system is to
facilitate handling of the numerous FCC forms received each year by
survey report systems. The data, though separately maintained, are
shared by each of the survey systems. In addition to providing the
common descriptive data to these systems for report purposes, the
log-in system provides mailing labels for initial mail-outs. It logs
in receipt of the survey forms as they are processed by the host
systems and can, on demand, identify and/or produce mailing labels or
listing of non-reporting (delinquent) stations.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: HONEYWELL 66/60 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Broadcase Branch

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: ADDRESS MAILING LISTS, COMMUNICATIONS

PROGRAM INFORMATION

Program Description:

This program records and prints addresses of parties interested in
receiving information from the Commission, dealing with matters in
either the broadcasting or telecommunications sector.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL, PL/I, and MARK IV

Host System: [xx] Mainframe: IBM 380X (OS/MVS)
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MAILING LISTS SYSTEM

Agency: Canadian Radio-Television and Telecommunication Commission

Contact Person: Mr. Jerry Olesncykyj, Chief of Comptr. Servs. Div.

Program Acquisition and Documentation:

Mailing lists are not available for release.

Application Category: Administration

PROGRAM KEYWORDS: ADDRESS MAILING LISTS, DEPARTMENT

PROGRAM INFORMATION

Program Description:

Generates mailing labels for use by department staff for mass mailing
purposes. The system contains the names of the utilities under regu-
lation, subscribers to department publications, media outlets, and
others. All are annotated as entries on various standard lists.
Labels are printed for the department's public relation's officer,
order and notice section, central files unit, and office of hearing
examiners.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL

Host System: [ ] Mainframe: _____
                  [xx] Minicomputer: __PRIME 750_____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ML

Agency: New York State Public Service Commission

Contact Person: Robert McNulty

Program Acquisition and Documentation:

Documentation is available. Will copy source code to tape for
transfer. Will respond to phone calls for assistance.

Application Category: Administration

PROGRAM KEYWORDS: ASSESSMENT BILLING

PROGRAM INFORMATION

Program Description:

The purpose of this program is to enter utilities' gross revenues,
compute and print assessments.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
                  [ ] Minicomputer:
                  [ ] Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: DMS II

Special Requirements: ODESY Data Input

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: VAIS

Agency: Pennsylvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation:

Documentation is available and may be acquired by permission of
the Director of Operations.

Application Category: Administration

PROGRAM KEYWORDS: ASSESSMENT, NON-DOCKET COST

PROGRAM INFORMATION

Program Description:

The annual assessment of utilities to recover cost of regulation not billed as direct docket expenditures. Assessment is based on utility gross intrastate operating revenues and non-docket annual expenditures.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: MARK IV

Host System: [xx] Mainframe: __AMDAHL 5850_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ANNUAL REMAINDER ASSESSMENT

Agency: Wisconsin Public Service Commission

Contact Person: Gene Masshardt

Program Acquisition and Documentation:

Documentation available. Software available by request from the Director, Bureau of Data Processing, Division of Administrative Services. Implementation help would be available via phone.

Application Category: Administration

ASSESSMENT, PENALTY REPORT

PROGRAM INFORMATION

Program Description:

This program produces a report of those companies which are delinquent
in paying assessment fees. The input is a punched card file main-
tained manually.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: DYL-260

Host System: [xx] Mainframe: IBM 3033MP _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: DYL-260

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PEN05215

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is no documentation for this system. Printouts can be sent
out. There is not much JCL or code involved.

Application Category: Administration

PROGRAM KEYWORDS: BUDGET ANALYSIS AND DEVELOPMENT

PROGRAM INFORMATION

Program Description:

This program is used in conjunction with the development of the annual budget. It produces spreadsheets from which budget options can be analyzed.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: APPLE II-E

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Apple II-E microcomputer with VisiCalc software
                        package.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: BUDGET ANALYSIS

Agency: New Jersey Board of Public Utilities

Contact Person: Walter Sandell

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: BUDGET ANALYSIS, PERSONNEL

PROGRAM INFORMATION

Program Description:

The activity reporting system uses per-hour reporting. Data is
collected from each employee detailing the amount of time spent on
various bureau activities. Reports are used by field operations
managerial staff for its personnel and budget analysis.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: HONEYWELL 66/60
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FAR

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Engineering & Enforcement Branch

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: BUDGET FORECASTING

PROGRAM INFORMATION

Program Description:

This program is used in conjunction with the development of the annual
budget. It produces position listings by number, title and unit with
salary projections.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DATA BASE MASTER

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: APPLE II-E _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: DB Master

Special Requirements: Apple II-E microcomputer utilizing DB
                       Master software package.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: POSITION CONTROL

Agency: New Jersey Board of Public Utilities

Contact Person: Walter Sandell

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: CARRIER PROFILE SYSTEM

PROGRAM INFORMATION

Program Description:

Data is recorded from the Enforcement Section of the Commission in
regard to arrest and warning citations, terminal inspection, safety
violations, hazardous material violations penalty fines and assess-
ments, etc. Various printed reports are produced from the database as
requested by the Transportation Administrator.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: N.A.

Host System: [ ] Mainframe: _____
                    [xx] Minicomputer: DATAPOINT 6600
                    [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CPS

Agency: Washington Utilities and Transportation Commission

Contact Person: Rod Herman

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: CASH MANAGEMENT, COMMISSION

PROGRAM INFORMATION

Program Description:

Supports the depositing of funds collected by the Commission. Pro-
vides proper audit trail and automated record of deposits made by the
seven depositing units. Each unit processes payments using its own
payment types and source codes but the system security and pseudo-
name processing does not allow any depositing area to access the
records of any other depositing area. The disciplines imposed by this
system guarantee deposits are made within 24 hours of receipt.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: SPERRY UNIVAC 1100/84
                    [ ] Minicomputer: _____
                    [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CCMACT

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at
(804) 786-4418.

Application Category: Administration

PROGRAM KEYWORDS: COMPUTER USAGE

PROGRAM INFORMATION

Program Description:

Computer Usage – Extract, list, costs

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 100.01

Agency: California Public Utilities Commission

Contact Person: Richard A. Hieta

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Administration

PROGRAM KEYWORDS: COMPUTER UTILIZATION ACCOUNTING

PROGRAM INFORMATION

Program Description:

An in-house developed package that keeps track of computer usage on a
Prime computer. Summarizes by user, account, time of day and device.
Includes "login" program.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN and INFO

Host System: [ ] Mainframe: _____
                 [xx] Minicomputer: PRIME 750_____
                 [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: INFO

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: HKHAC

Agency: New York State Public Service Commission

Contact Person: Michael Short

Program Acquisition and Documentation:

No separate documentation is available, but programs are com-
mented. Will copy source code to tape for transfer. Will respond
to telephone calls for assistance.

Application Category: Administration

PROGRAM KEYWORDS: CONTROLLER'S REVENUE SYSTEMS

PROGRAM INFORMATION

Program Description:

This is a batch-oriented system using key-tape input and RJE to
process daily revenue transactions.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: RPG

Host System: [xx] Mainframe: ___IBM 3033 MVS/MP___
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 05215

Agency: Washington Utiilties and Transportation Commission

Contact Person: Jim Ryan

Program Acquisition and Documentation:

Program and JCL source available on 9 track 800 bpi magnetic tape.
System documentation includes functional charts and job stream
narratives.

Application Category: Administration

PROGRAM KEYWORDS: COST ACCOUNTING

PROGRAM INFORMATION

Program Description:

This program is used by the Controller's office for cost accounting
purposes. Journal entries are combined with payroll data to produce
the reports for monthly expense ledger, year-to-date, life-to-date,
and case cost.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL and RPG

Host System: [xx] Mainframe: IBM 3033MP
                 [xx] Minicomputer: DATAPOINT ARC
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 05212

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is no documentation for the program. The Commission can
send source program and JCL on tape.

Application Category: Administration

PROGRAM KEYWORDS: DOCKET BILLING SYSTEM

PROGRAM INFORMATION

Program Description:

Designed to store and retrieve time card data supplied by each agency
employee. Can handle multiple agencies. Generates a quarterly
invoice for each regulated company and report for non-docketed items
as well. Reports cases worked on by each employee in given year.
Reports total hours per rate case.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DATA BASE

Host System: [xx] Mainframe: CDC CYBER 845/NOS 1.4-522
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: Scientific Information Retrieval (SIR)
                         version 2.1.1

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DOCKET BILLING SYSTEM

Agency: Minnesota Department of Public Service

Contact Person: Dr. Alan Miner (612) 296-8495

Program Acquisition and Documentation:

User manual and magnetic tape copy available at reproduction cost.

Application Category: Administration

PROGRAM KEYWORDS: DOCKET SYSTEM, REIMBURSABLE

PROGRAM INFORMATION

Program Description:

This system gathers and stores personnel time and voucher expenses by agency code and docket number. Prepares staff activity reports and invoices.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: MAPPER

Host System: [xx] Mainframe: UNIVAC 1100 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP and CMS

Data Base Management System: MAPPER

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RDOCKET

Agency: State Corporation Commission of Kansas

Contact Person: Dave Larson

Program Acquisition and Documentation:

Documentation available for free.

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Application Category: Administration

PROGRAM KEYWORDS: FINANCIAL MANAGEMENT SYSTEM, TELECOMMUNICATIONS

PROGRAM INFORMATION

Program Description:

The resource management system (DRM) is an integrated budgeting,
accounting, reporting, and financial management system. The primary
purpose of this system is to monitor actual expenditure by budget line
item against the planned/established spending pattern of the Federal
Communications Commission. Major categories of data processed by
allocation, program, and function for expense targets, obligations,
accrued expenditures, and disbursements.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [xx] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: HONEYWELL 66/60 ____
                 [ ] Minicomputer: ____
                 [ ] Microcomputer: ____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DRM

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Administrative Branch

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: INTERNAL ACCOUNTING

PROGRAM INFORMATION

Program Description:

This direct entry system provides for entry of annual line-item budget
for each division, generates voucher printing for payments and pre-
pares purchase orders. Direct access to specific P.O.'s and vouchers
is provided as well as budget line-item summary screens. P.O. and
voucher entries are applied directly as entered providing up-to-date
budget information. Reports are prepared using a Mark IV report
generator.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3081 (D)
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: DL/1

Data Base Management System: IMS

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ON-LINE ACCOUNTING SYSTEM

Agency: Wisconsin Public Service Commission

Contact Person: Mary Krinke

Program Acquisition and Documentation:

Complete documentation exists. Other commissions could acquire
the software by request from the Director, Bureau of Data Proces-
sing, Division of Administrative Services. Written instructions
in addition to consulting via phone would be available.

Application Category: Administration

PROGRAM KEYWORDS: INVENTORY, DEPARTMENT PROPERTY

PROGRAM INFORMATION

Program Description:

Contains data on all equipment owned by the department. The files are
constructed so that all data required by the state comptroller's rules
and regulations are contained in the system. The files are updated as
new equipment is purchased and/or obsolete and unusuable equipment is
discarded. Lists for each unit are generated on a quarterly basis or
more frequently if required.

Utility Sector: [ ] Electric
               [ ] Gas
               [ ] Telephone
               [ ] Water
               [xx] Multi-utility and Other

Language: INFO

Host System: [ ] Mainframe: _____
             [xx] Minicomputer: PRIME 750 _____
             [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: INFO

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PR

Agency: New York State Public Service Commission

Contact Person: Carmela Turpin

Program Acquisition and Documentation:

No documentation is available. Will copy source code to tape for
transfer. Will respond to calls for assistance.

Application Category: Administration

PROGRAM KEYWORDS: INVENTORY SYSTEM, EQUIPMENT

PROGRAM INFORMATION

Program Description:

This enables the storeroom personnel to take a fast and accurate audit
of each piece of modular equipment within each bureau of the Public
Utility Commission.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MEIS

Agency: Pennsylvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation:

Documentation is available and may be acquired by permission of
the Director of Operations.

Application Category: Administration

PROGRAM KEYWORDS: INVENTORY SYSTEM, FURNITURE

PROGRAM INFORMATION

Program Description:

This enables the storeroom personnel to take a fast and accurate audit
of each piece of traditional furniture within each bureau of the
Public Utility Commission.

Utility Sector: [ ] Electric
[ ] Gas
[ ] Telephone
[ ] Water
[xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
[ ] Minicomputer: _____
[ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: GEMCOS

Data Base Management System: N.A.

Special Requirements: SCOPE

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TFI

Agency: Pennsylvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation:

Documentation is available and may be acquired by permission of
the Director of Operations.

Application Category: Administration

PROGRAM KEYWORDS: KEYPUNCH PERFORMANCE

PROGRAM INFORMATION

Program Description:

Keypunch Performance - Extract, list

Utility Sector: [ ] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                [ ] Minicomputer:
                [ ] Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 100.02

Agency: California Public Utilities Commission

Contact Person: Shigeru J. Nakabe

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Administration

PROGRAM KEYWORDS: PAYROLL, CHECKS/BONDS

PROGRAM INFORMATION

Program Description:

The automated payroll system produces a check and bond bi-weekly for the department of treasury check/bond issuance to Federal Communications Commission individuals. This is a batch system that is primarily driven by an automated personnel system.

Utility Sector: [ ] Electric
[ ] Gas
[ ] Telephone
[ ] Water
[xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: HONEYWELL 66/60
[ ] Minicomputer: _____
[ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Indexed Sequential Processor (ISP)

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DPY

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Administrative Branch

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: PERSONNEL

PROGRAM INFORMATION

Program Description:

This system stores basic data for all PSC personnel. Any field can be
updated or retrieved on-line. This system can produce reports for
administrative questions on short notice.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: INFO

Host System: [ ] Mainframe: _____
                  [xx] Minicomputer: PRIME 750
                  [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: New York State Public Service Commission

Contact Person: Carmela Turpin

Program Acquisition and Documentation:

Documentation consists of description of codes used in files.
Will copy source code to tape for transfer. Will respond to tele-
phone calls for assistance.

Application Category: Administration

PROGRAM KEYWORDS: PERSONNEL, COSTS OF FCC PROGRAMS

PROGRAM INFORMATION

Program Description:

The activity reporting system provides a method whereby the man-power
costs of FCC programs, services and activities can be accurately de-
termined. The reports provide data for a continuous analysis of the
distribution of man-hours among organization units, communications
services and programs for productivity measurement and analysis, and
for related budgetary and management purposes.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: HONEYWELL 66/60
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DAR

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Administrative Branch

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: PERSONNEL SYSTEM

PROGRAM INFORMATION

Program Description:

Personnel System - Update, list, label

Utility Sector: [ ] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
             [ ] Minicomputer: _____
             [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 535.01

Agency: California Public Utilities Commission

Contact Person: Joyce A. Fong

Program Acquisition and Documentation:

Documentation available. Request for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Administration

PROGRAM KEYWORDS: PRINT SHOP STATISTICS

PROGRAM INFORMATION

Program Description:

The Machine Room Reports System summarizes production statistics in the print shop, providing number of jobs and turnaround time by division, operator, and machine.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [ ] Mainframe: _____
                   [xx] Minicomputer: PRIME 750 _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MRH

Agency: New York State Public Service Commission

Contact Person: Peter Holmberg

Program Acquisition and Documentation:

Documentation is available. Will copy source code to tape for transfer. Will respond to telephone calls for assistance.

Application Category: Administration

PROGRAM KEYWORDS: PROGRAM INFORMATION SYSTEM

PROGRAM INFORMATION

Program Description:

Program Information System - Update, extract, list

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 100.06

Agency: California Public Utilities Commission

Contact Person: Yuki Santos

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

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Application Category: Administration

PROGRAM KEYWORDS: PROJECT MANAGEMENT

PROGRAM INFORMATION

Program Description:

Project management using the computer program named PROVIEW.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL68

Host System: [xx] Mainframe: SPERRY 1100/70 _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 100.07

Agency: California Public Utilities Commission

Contact Person: Stennis Scruggs

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Administration

PROGRAM KEYWORDS: PROJECT MONITOR

PROGRAM INFORMATION

    Program Description:

    Project Monitor "PROMISE" - Update, extract, list

    Utility Sector: [ ] Electric
                       [ ] Gas
                       [ ] Telephone
                       [ ] Water
                       [xx] Multi-utility and Other

    Language: FORTRAN66 and COBOL74

    Host System: [xx] Mainframe: SPERRY 1100/70
                       [ ] Minicomputer: _____
                       [ ] Microcomputer: _____

    Processing Mode: Batch

    Teleprocessing Monitor: N.A

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: 475.02

    Agency: California Public Utilities Commission

    Contact Person: Stennis Scruggs

    Program Acquisition and Documentation:

    Documentation available. Requests for program acquisition should
    be directed to the Executive Director, CPUC.

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Application Category: Administration

PROGRAM KEYWORDS: PUBLIC INFORMATION

PROGRAM INFORMATION

Program Description:

This set of programs produces a list of the legislators interested in
case updates for any given company, and also a list of the companies
that any given legislator is interested in.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DATA BASE

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: Vector 4_____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: dBASE II

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: Public Information Officer Data Base

Agency: Indiana Public Service Commission

Contact Person: Chris Newlon, Senior Programmer:
                 Economics & Finance Dept.

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chris Newlon, Senior Programmer, Economics and Finance Dept. at
(317) 232-7035.

Application Category: Administration

PROGRAM KEYWORDS: SECURITIES LISTING, PROHIBITED

PROGRAM INFORMATION

Program Description:

Data collected from certain schedules of the FERC form Nos. 1, 2, and
6 (Annual Reports) processed into the Name/Address Master File (EIA)
to identify the jurisdictional companies, their parent, holding
company and subsidiaries to establish a listing of prohibited securi-
ties applicable to FERC staff members.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3033
                   [ ] Minicomputer: _____
                   [·] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Form Fill-in

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 8004

Agency: Federal Energy Regulatory Commission

Contact Person: Elaine M. Dawson

Program Acquisition and Documentation:

Report programs are currently being finalized and should be avail-
able through EIA in the Spring, 1984.

Application Category: Administration

PROGRAM KEYWORDS: SHIPS, BILLING, INTERNATIONAL TELECOMMUNICATIONS

PROGRAM INFORMATION

Program Description:

This system maintains data pertaining to the ownership of ships in
connection with billings for international telecommunications. The
file is used for ready reference in correlating ship to owner for
bills received from foreign countries.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: HONEYWELL 66/60
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DIT

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Administrative Branch

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: STAFF ACTIVITY REPORTING

PROGRAM INFORMATION

Program Description:

This system produces reports showing staff hours and salary dollars
which are taken from the activities record of employee time sheets and
the department's roster. These reports relate section case number,
activity and item to be used for budget planning.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: IBM 3033_____
                  [ ]   Minicomputer: _____
                  [ ]   Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: SAS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ARH

Agency: New York State Public Service Commission

Contact Person: Doug Dame

Program Acquisition and Documentation:

Documentation is available but somewhat out of date. Will copy
source code to tape for transfer. Will respond to telephone calls
for assistance.

Application Category: Administration

PROGRAM KEYWORDS: STAFF TIME ALLOCATION

PROGRAM INFORMATION

Program Description:

Weekly and historic editing, tracking and reporting of time by
categories. Tracking of leave accrual and usage.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DPL and FORTRAN

Host System: [xx] Mainframe: DEC-10
                   [ ] Minicomputer:
                   [ ] Microcomputer:

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: DPL

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TIME ALLOCATION

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Design and user documentation, source code, data forms and
instructions available, 9 track EBCDIC tape.

Application Category: Administration

PROGRAM KEYWORDS: TARIFF RERATE SYSTEM

PROGRAM INFORMATION

Program Description:

Hour class 100 rate tariffs are stored on-line. Program EUP05215 processes adds, deletes, and changes to the tariff files. Program "rerate 01" increases or decreases the tariff data by flat amount or percentage. The entire file can be updated or only selected portions based on scale numbers and rate basis numbers. The tariff can be printed completely or only for the pages changed. There is one separate file for commodity rates which can be updated similar to the class rates.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3033MP _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RATO 5215

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is an out-of-date user's guide for the system. The Commission can send source programs and JCL on tape.

Application Category: Administration

PROGRAM KEYWORDS: TERMINAL ACCESS COUNT, CARRIER

PROGRAM INFORMATION

Program Description:

Carrier - Count terminal accesses

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: N.A.

Host System: [xx] Mainframe: SPERRY 1100/70 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 003.01

Agency: California Public Utilities Commission

Contact Person: Norma J. Kristovich

Program Acquisition and Documentation:

Documentation available. Requests for program acquistion should
be directed to the Executive Director, CPUC.

Application Category: Administration

PROGRAM KEYWORDS: TIME ACCOUNTING SYSTEM, SEMI-MONTHLY

PROGRAM INFORMATION

Program Description:

This system processes employee time sheet data to show hours and
dollars charged to general classifications of employee and total
commission. The system also keeps track of personnel leave status.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DATABUS and COBOL

Host System: [xx] Mainframe: IBM 3033MP
                 [xx] Minicomputer: DATAPOINT ARC
                 [ ]   Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PAY

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is an out-of-date user guide for the system. There are also
record layouts etc., but not well organized. The Commission can
send the source programs on tape.

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Application Category: Administration

PROGRAM KEYWORDS: TIME MANAGEMENT

PROGRAM INFORMATION

Program Description:

This system generates reports on how AKPUC personnel allocate their
time to projects shown on their weekly time sheets. Reports can be
generated by reference no., section, function, activity, or task.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: BASIC PLUS-2

Host System: [ ] Mainframe: _____
                  [xx] Minicomputer: DEC PDP 11-24
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TIME MANAGEMENT SYSTEM

Agency: Alaska Public Utilities Commission

Contact Person: Lorraine Plaga

Program Acquisition and Documentation:

Fully documented. Programs may be obtained by contacting the com-
mission through Lorraine Plaga at (907) 263-2169. Distribution of
source code is by magnetic tape (1600 bpi).

Application Category: Administration

PROGRAM KEYWORDS: TIME REPORTING

PROGRAM INFORMATION

Program Description:

Standard Time Reports (CPUC) - Edit, list

Utility Sector: [ ] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 500.01

Agency: California Public Utilities Commission

Contact Person: Joyce A. Fong

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Administration

PROGRAM KEYWORDS: TIME REPORTING

PROGRAM INFORMATION

Program Description:

The Time Distribution Reporting System reports staff time devoted to
case processing, by product category and organization.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 4341 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Omega Screen handling

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TDRS

Agency: Federal Energy Regulatory Commission

Contact Person: Barbara Wade

Program Acquisition and Documentation:

Data base limited to FERC use only. Documentation available;
software tailored to FERC. Inquiries may be addressed to the
Division of Public Information, FERC.

Application Category: Administration

PROGRAM KEYWORDS: TIME REPORTING

PROGRAM INFORMATION

Program Description:

The time reporting system records Commission employee's time and
calculates direct labor cost by utility type to assess groups of
utilities in an equitable manner.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: SCOPE software used for data input

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TIME

Agency: Pennsylvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation:

Documentation available. To acquire documentation, contact Direc-
tor of Operations.

Application Category: Administration

PROGRAM KEYWORDS: TRUCK ACCIDENTS SUMMARY

PROGRAM INFORMATION

Program Description:

Data are recorded on a continuing basis from truck accident reports.
Various printed reports are produced to show breakdown between private
and common carriers. A summary and analysis booklet is printed yearly
for use in the Governor's office and various other state agencies.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL and DATABUS

Host System: [ ] Mainframe: _____
                   [xx] Minicomputer: DATAPOINT 6600
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Washington Utilities and Transportation Commission

Contact Person: Rod Herman

Program Acquisition and Documentation: N.A.

Application Category: Administration

PROGRAM KEYWORDS: VEHICLE COSTS

PROGRAM INFORMATION

Program Description:

Processes all charges (i.e., gas, repairs, etc.), plus accumulated
miles and rate of depreciation on a fiscal year basis. Reports are
generated showing these costs for the current month and life of the
vehicle plus shows cost per mile, and gallon, and mile per gallon sta-
tistics.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DATABUS and RPG

Host System: [ ] Mainframe: _____
                 [xx] Minicomputer: DATAPOINT ARC
                 [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CAR

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is a somewhat out-of-date user's guide for the system. The
Commission can send the source programs on tape.

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Application Category: Energy Management

PROGRAM KEYWORDS: COAL INVENTORIES, TRACK ELECTRIC CO.

PROGRAM INFORMATION

Program Description:

This is an in-house data base for coal inventories.

Utility Sector: [xx] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [ ] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                [ ] Minicomputer: _____
                [xx] Microcomputer: HP-85 _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: INVENTORY

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy on HP
Cartridge, HP 5 1/4" disk or by listings.

Application Category: Energy Management

PROGRAM KEYWORDS: DEGREE-DAY PROGRAM, WEIGHTED

PROGRAM INFORMATION

Program Description:

This program calculates cooling and heating degree days for electric
company by weighted billing cycle.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: FORTRAN

Host System: [xx]   Mainframe: IBM 3081
                  [ ]   Minicomputer:
                  [ ]   Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: WDDP

Agency: North Carolina Utilities Commission

Contact Person: Cathy Hsu

Program Acquisition and Documentation:

The documentation is available. Anyone can acquire this program.
The staff will provide punched cards, program listing and test run
result.

Application Category: Energy Management

PROGRAM KEYWORDS: FORECASTING METHOD, SEASONAL

PROGRAM INFORMATION

Program Description:

The program provides decomposition of seasonal data, fits data into selected functions, computes seasonal factors and forecasts seasonal "normalized data." Provides x-y plot and printed output.

Utility Sector: [   ]   Electric
                  [   ]   Gas
                  [   ]   Telephone
                  [   ]   Water
                  [xx]   Multi-utility and Other

Language: BASIC

Host System: [   ]   Mainframe: _____
               [   ]   Minicomputer: _____
               [xx]   Microcomputer: HP-85

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: HP 7225 Plotter

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DECOMPOSITION ANALYSIS

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as being developed "in-house" can be furnished via copy on HP Cartridge, HP 5 1/4" disk or by listings.

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Application Category: Energy Management

PROGRAM KEYWORDS: FORECASTING, REGRESSION, STATISTICAL ANALYSIS

PROGRAM INFORMATION

Program Description:

This is a set of three regression programs written for Omnitab
(National Bureau of Standards). FITTER fits exponential, linear,
quadratic, cubic, logarithmic, and power curves, and provides fore-
casts with confidence intervals. GROWTH provides three measures of
growth rates for bookvalue, dividends per share, and earnings per
share. BSWLINE provides a resistant linear fit, using the bi-square
weighting method of Mosteller and Tukey. All output is clean and
ready-for-testimony.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: OMNITAB

Host System: [xx] Mainframe: _CDC CYBER 170-845_____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: Minnesota Omnitab Programs

Agency: Minnesota Department of Public Service

Contact Person: Gordon Plorin

Program Acquisition and Documentation:

Omnitab is documented by the National Bureau of Standards. MNDPS
has documentation for three programs.

Application Category: Energy Management

PROGRAM KEYWORDS: FOSSIL FUEL RECEIPTS

PROGRAM INFORMATION

Program Description:

The fossil fuel receipts system records all purchases of coal, oil, and gas by the 8 major electric utilities of Pennsylvania. The data collected is quite comprehensive. The fuel data includes: broker; vendor & fuel source; coded BASE; FREIGHT and BONUS penalty costs by supplier and mode of transportation; type; terms of purchase; and quality analysis of coal.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: ODESY data input

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: SEC3/FUEL

Agency: Pennsylvania Public Utility Commission

Contact Person: Mis Chief

Program Acquisition and Documentation:

Documentation is available and may be acquired by permission of the Director of Operations.

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Application Category: Energy Management

PROGRAM KEYWORDS: GAS CONSUMPTION, DEGREE-DAY

PROGRAM INFORMATION

Program Description:

This program provides state, regional, and national summary of monthly
heating degree-days and comparison with "normal" months. It also
provides degree-day average for 35 gas pipeline systems based on their
state-by-state distribution area.

Utility Sector: [ ] Electric
                  [xx] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: IBM 3033 _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: HEATING DEGREE DAY/WEATHER REPORT

Agency: Federal Energy Regulatory Commission

Contact Person: Robert Trimble

Program Acquisition and Documentation:

No documentation exists. Inquiries regarding program acquisition
should be directed to the Director, Division of Public Informa-
tion, FERC.

Application Category: Energy Management

PROGRAM KEYWORDS: GAS CONSUMPTION, DEGREE-DAY

PROGRAM INFORMATION

Program Description:

Space heating consumption of natural gas tends to be dependent on
ambient temperature as measured by degree-day-deficiencies (DDD).
Actual gas consumption experienced during a historical year is norma-
lized to a forecast year based on reported DDDs. This program
provides monthly gas consumption by baseload, space heating load, and
totals. It also provides informative regression statistics.

Utility Sector: [ ] Electric
                  [xx] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: N.A.

Host System: [xx] Mainframe: IBM 3081_____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Local meterologic records of degree day
                        deficiencies

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: NORMALIZATION

Agency: Alberta Public Utilities Board

Contact Person: David Mackie

Program Acquisition and Documentation:

Program source code available on request. Available documentation
is limited. Commission should expect to undertake modifications
to the code to incorporate local meterologic station locations.

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Application Category: Energy Management

PROGRAM KEYWORDS: HYDROELECTRIC POWER SITES, CHARACTERISTICS

PROGRAM INFORMATION

Program Description:

The Hydroelectric Power Resources Assessment (HPRA) system uses input
from Form 4557 to the HPRA System 2000 data base with some editing
performed. Data includes existing, potential and retired hydroelec-
tric power sites using FERC river basin code. Output reports include
Hydroelectric Power Resources produced every four years, summary and
detail reports prepared yearly, and special reports which are produced
as needed.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3033 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 8835

Agency: Federal Energy Regulatory Commission

Contact Person: Gene Jarecki

Program Acquisition and Documentation:

Requests for the data base, system, and documentation should be
directed to the Division of Public Information, FERC.

123

Application Category: Energy Management

PROGRAM KEYWORDS: LOAD ANALYSIS

PROGRAM INFORMATION

Program Description:

These models develop projections of future load duration curves
(LDCs). Input data requirements are hourly load observations for a
historical year, together with forecasts of future peak loads and
annual energy. LDCs can be developed on an annual, seasonal, or
monthly basis. Effects of time-of-day rates or load management can be
incorporated.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: UNIVAC 1108 _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FRED/LAM

Agency: Maryland Public Service Commission

Contact Person: Anthony Fest

Program Acquisition and Documentation:

Part of Cost of Service Information System (COSIS). Acquired from
Temple, Barker & Sloane consulting firm (Lexington, Massachu-
setts).

124

Application Category: Energy Management

PROGRAM KEYWORDS: LOAD ANALYSIS

PROGRAM INFORMATION

Program Description:

This program analyzes EEI load data and plots by time period and type
of day, peak periods, load duration, and load frequency.

Utility Sector: [xx] Electric
[ ] Gas
[ ] Telephone
[ ] Water
[ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: IBM 3081
[ ] Minicomputer: _____
[ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 852

Agency: Public Utilities Commission of Ohio

Contact Person: Karen L. Miller

Program Acquisition and Documentation:

Permission of Director of Utilities Department required. Cost of
providing source code and documentation may be involved.

Application Category: Energy Management

PROGRAM KEYWORDS: LOAD ANALYSIS, FREQUENCY AND DURATION

PROGRAM INFORMATION

Program Description:

This program performs the analysis of certain time-of-use load characteristics of an electric utility. The basic input is the hourly load data in the Edison Electric Institute (EEI) format.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: AMDAHL 470/V8 (IBM Compatible)
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FRED

Agency: National Regulatory Research Institute

Contact Person: Pran Paul

Program Acquisition and Documentation:

Program and documentation is available from NRRI. The name of the document is "The Load Frequency and Duration (FRED) Data Analysis Program User's Manual."

126

Application Category: Energy Management

PROGRAM KEYWORDS: LOAD CHARACTERISTICS, LOAD PROBABILITY

PROGRAM INFORMATION

Program Description:

The NRRI version of FRED program converted to Honeywell TSS. The only
enhancement made was the ability to write the load probability curve
to a file in a format compatible with the NRRI production cost simu-
lation program.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: HONEYWELL 66/60 DPS II
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TSS

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FRED

Agency: State Corporation Commission of Kansas

Contact Person: David Larson

Program Acquisition and Documentation:

Documenation available for free.

127

Application Category: Energy Management

PROGRAM KEYWORDS: LOAD DATA, SHIFTED

PROGRAM INFORMATION

Program Description:

This is an NRRI "shift" program converted to Honeywell. It has also
been modified to handle variable time periods, include Saturday in the
period if desired and does not print all the plots as the original
did. This version simply creates a new set of shifted system hourly
load which can then be used in other programs as data.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: HONEYWELL 66/60 DPS II
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TSS

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: SHIFT

Agency: State Corporation Commission of Kansas

Contact Person: David Larson

Program Acquisition and Documentation:

Documentation and program available for free.

Application Category: Energy Management

PROGRAM KEYWORDS: LOAD IMPACT, PRODUCTION COST AND CAPACITY EXPANSION

PROGRAM INFORMATION

Program Description:

This is a two-step model:
1. LIM - Load Impact Model: to generate an annual load duration curve.
2. PC & CEM - Production Cost, Capacity Expansion Model: to minimize
   the cost of producing energy to meet a given load duration curve,
   generated by the LIM, subject to physical, economic and regulatory
   constraints.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: N.A.

Host System: [xx]   Mainframe: IBM 3081 _____
                  [ ]   Minicomputer: _____
                  [ ]   Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: LIM and CEM

Agency: North Carolina Utilities Commission

Contact Person: Cathy Hsu

Program Acquisition and Documentation:

Partial documentation is available. Anyone can acquire this
program by supplying his own tape. The staff will provide the
program listing and sample run result.

129

Application Category: Energy Management

PROGRAM KEYWORDS: LOSS OF LOAD PROBABILITY

PROGRAM INFORMATION

Program Description:

The loss-of-load probability program determines the number of days per
period that peak load can be expected to exceed capacity. This calcu-
lation is performed by the convolution of a generation probability
vector with a load probability vector.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: N.A.

Host System: [xx] Mainframe: IBM 3081
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: LOLP1

Agency: North Carolina Utilities Commission

Contact Person: Cathy Hsu

Program Acquisition and Documentation:

The documentation is available. Anyone can acquire this program.
Limited assistance is available.

Application Category: Energy Management

PROGRAM KEYWORDS: NATURAL GAS DELIVERIES, ALTERNATE FUEL, CURTAILMENT

PROGRAM INFORMATION

Program Description:

This is a data base containing Form FERC-50 data. Form FERC-50 collects data annually from interstate and intrastate natural gas pipe lines, municipalities and other suppliers of natural gas. Data include annual supplies by supplier, deliveries to and curtailments of end users by category and state, deliveries to and curtailments of large end users, and alternate fuels used to offset curtailment.

Utility Sector: [ ] Electric
                [xx] Gas
                [ ] Telephone
                [ ] Water
                [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3033 _____
               [ ] Minicomputer: _____
               [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: ADABAS

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FERC-50

Agency: Federal Energy Regulatory Commission

Contact Person: Thomas J. Brownfield

Program Acquisition and Documentation:

Documentation exists. Inquiries regarding data base acquisition should be directed to the Energy Information Administration/DOE.

131

Application Category: Energy Management

PROGRAM KEYWORDS: NATURAL GAS PIPELINE SUPPLY RESERVES

PROGRAM INFORMATION

Program Description:

This is a data base containing Form FERC-15 data. Form FERC-15 col-
lects data annually from interstate natural gas pipelines on report
year production, purchases, remaining reserves owned or under con-
tracts, and projected deliveries. Imported natural gas and LNG as
well as domestic supplies of coal, gas, LNG, and SNG are also
included.

Utility Sector: [ ] Electric
                 [xx] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3033 _____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FERC-15

Agency: Federal Energy Regulatory Commission

Contact Person: Wayne M. Thompson

Program Acquisition and Documentation:

Inquiries regarding data base acquisition should be directed to
the Energy Information Administration, DOE.

132

Application Category: Energy Management

PROGRAM KEYWORDS: NATURAL GAS PIPELINE SUPPLY, STORAGE, DEMAND,
DISPOSITION

PROGRAM INFORMATION

Program Description:

This data base contains Form FERC-16 data. Form FERC-16 collects data
semiannually from interstate natural gas pipelines on actual and pro-
jected 1) deliveries, requirements and net deficiency by customers, 2)
summary of supply, requirements, and net deficiency 3) sources of
supply and 4) storage operations.

Utility Sector: [ ]   Electric
                   [xx]   Gas
                   [ ]   Telephone
                   [ ]   Water
                   [ ]   Multi-utility and Other

Language: COBOL

Host System: [xx]   Mainframe: IBM 3033 _____
                   [ ]   Minicomputer: _____
                   [ ]   Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FERC-16

Agency: Federal Energy Regulatory Commission

Contact Person: Robert Schroeder

Program Acquisition and Documentation:

Inquiries regarding data base acquisition should be directed to
the Energy Information Administration, DOE.

133

Application Category: Energy Management

PROGRAM KEYWORDS: OUTAGE GRAPHICS, GENERATING UNITS

PROGRAM INFORMATION

Program Description:

This is an in-house program.   It provides graphic analysis of
generating units outage data over various periods.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: BASIC

Host System: [ ]   Mainframe: _____
                  [ ]   Minicomputer: _____
                  [xx]   Microcomputer: HP-85

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: HP 7225 Plotter

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: OUTAGE REPORT

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied.   Those programs described as
being developed "in-house" can be furnished via copy on HP
Cartridge, HP 5 1/4" disk or by listings.

Application Category: Energy Management

PROGRAM KEYWORDS: UTILITY ENERGY FLOW

PROGRAM INFORMATION

Program Description:

This program uses transmission data to determine maximum energy
transfer potential of interconnected systems.

Utility Sector: [xx] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: __IBM 3033_____
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PWRFLO

Agency: Federal Energy Regulatory Commission

Contact Person: Bill Wheelock

Program Acquisition and Documentation:

Documentation is available by request through the Commission's
Division of Public Information.

Application Category: Energy Management

PROGRAM KEYWORDS: WATER CONSUMPTION ANALYSIS

PROGRAM INFORMATION

Program Description:

Water Consumption - Analysis

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [xx] Water
                   [ ] Multi-utility and Other

Language: FORTRAN 77

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer:
                   [ ] Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 676.01

Agency: California Public Utilities Commission

Contact Person: Yuki Santos

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: ANNUAL REPORTS, TELEPHONE

PROGRAM INFORMATION

Program Description:

This system is used to produce the annual telephone statistics. Once
the annual reports have been received they are entered into the com-
puter, machine audited; and, when all companies are in balance, the
computer is used to produce the annual telephone statistics.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [xx] Telephone
                    [ ] Water
                    [ ] Multi-utility and Other

Language: COBOL and DATABUS

Host System: [xx] Mainframe: IBM 3033MP
                    [xx] Minicomputer: DATAPOINT ARC
                    [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: UAR

Agency: Washington Utilities and Transporation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is no documentation for the system. Source files can be
sent on tape.

137

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: ASSESSMENT FEE, BILLING SYSTEM

PROGRAM INFORMATION

Program Description:

This program generates mailing lists of utilities subject to Regula-
tory Assessment Fee, accounts for payments made, and compares payments
made to liabilities based on annual reports. Currently in develop-
ment.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: dBASE II

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: XEROX 1618 _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: To generate mailing lists, requiress PSC
                       software package Master Commission Directory

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Florida Public Service Commission

Contact Person: Administrator, Office of Information Processing

Program Acquisition and Documentation:

Call (904) 487-2680 or write to the Administrator of Information
Processing for the documentation.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: AUDITOR'S CALCULATIONS

PROGRAM INFORMATION

Program Description:

To calculate adjustments and allow for changes to be tracked quickly
across all calculations.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: DEC-10
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: DPL

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: AUDCAL

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Design and users' documentation and source code on 9 track EBCDIC
tape.

139

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: BILLING ANALYSIS, CUSTOMER CLASS

Program Description:

Computes the consolidated factor or billing analysis for each class of
service. The consolidated factor will determine the revenue which
will be derived from specific rates. Produces tables describing con-
sumption level versus bills rendered for each consumption level of a
given utiity.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [xx] Water
                    [ ] Multi-utility and Other

Language: dBASE II

Host System: [ ] Mainframe: _____
                    [ ] Minicomputer: _____
                    [xx] Microcomputer: XEROX 1618 _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: dBASE II

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: BANAL

    Agency: Florida Public Service Commission

    Contact Person: Administrator, Office of Information Processing

    Program Acquisition and Documentation:

    Call (904) 487-2680 or write to the Administrator of Information
    Processing for the documentation.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: BROADCAST LICENSING

PROGRAM INFORMATION

Program Description:

This data base and its support program are used to record applications
for changes to existing broadcast licenses or for new licenses, and to
schedule public hearings for the applications. The data base also
records the decisions concerning these applications.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL, PL/I, and MARK IV

Host System: [xx] Mainframe: IBM 380x (OS/MVS)
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: TOTAL/7

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: LICENSING DATA BASE

Agency: Canadian Radio-television and Telecommunications Comm.

Contact Person: Mr. Jerry Olesnyckyj, Chief of Computer Services
                 Div. (819) 994-1292

Program Acquisition and Documentation:

Documentation and access to data is not available for people out-
side the Canadian Radio-television and Telecommunications
Commission. Some statistical and index output reports are avail-
able. For more information about these contract Mr. J. Wiseman at
(819) 997-3673.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: BROADCASTING, TECHNICAL, SIGNALS

PROGRAM INFORMATION

Program Description:

This system records a number of technical data about broadcast
stations, such as their signal radiation patterns, antenna char-
acteristics.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: XEROX SIGMA 9 (CP-V)
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: VIP

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TECHNICAL DATA BASE

Agency: Canadian Radio-television and Telecommunications Comm.

Contact Person: Mr. Jerry Olesnyckyj, Chief of Computer Services
                 Div. (819) 994-1292

Program Acquisition and Documentation:

Please contact the above-named person for more information.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: CARRIER INFORMATION SYSTEM

PROGRAM INFORMATION

Program Description:

This system makes the status and authority of the carriers available
to the enforcement officers through the use of remote terminals. The
authorities are updated in an interactive mode.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: DATABUS and COBOL

Host System: [ ] Mainframe: _____
                  [xx] Minicomputer: DATAPOINT ARC _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: AUI

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There are many pieces of documentation for this system, but they
are not organized. The source files can be sent on tape.

143

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: COMPLAINT SYSTEM

PROGRAM INFORMATION

Program Description:

The complaint system logs the nature and disposition of every consumer
complaint handled by the Commission. The system can query the data
base and print reports and mailing lists on a variety of keys.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: MAPPER

Host System: [xx] Mainframe: UNIVAC 1100
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TIP and CMS

Data Base Management System: MAPPER

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COMPLAINT

Agency: State Corporation Commission of Kansas

Contact Person: Dave Larson

Program Acquisition and Documentation:

Documentation and programs available, free.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: COMPLAINT TRACKING STATISTICS, COMMUNICATIONS

PROGRAM INFORMATION

Program Description:

A series of programs to statistically analyze consumer complaints.
Special features include ability to report on source of complaint,
company, whether the complaint is billing service or miscellaneous,
and the specific type of complaint. Flexible enough to crosstab any
variables. Quick subsets of master file are easy to obtain.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: IBM 3033 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CT

Agency: New York State Public Service Commission

Contact Person: Carmela Turpin

Program Acquisition and Documentation:

Documentation on error messages only; more may be availale in the
future. Will copy source code to tape for transfer. Will respond
to telephone calls for assistance.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: COMPLAINTS, CONSUMER

PROGRAM INFORMATION

Program Description:

This program summarizes complaints received by the Public Interest
Center by type of complaint.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL and MARK IV

Host System: [xx] Mainframe: IBM 3081 OS/MVS
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Must have MARK IV available for some reports

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 601

Agency: Public Utiities Commission of Ohio

Contact Person: Joann McKinster

Program Acquisition and Documentation:

Permission of department director required to release information.
Cost of providing source code and documentation may be invoiced.
Program documentation and program source code available.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: COMPLAINTS, CONSUMER

PROGRAM INFORMATION

Program Description:

This consumers complaint tracking system allows a Public Service Com-
mission employee to enter complaint information on-line while talking
to the customer. Subsequently, this complaint information can be up-
dated and finally resolved on-line. Lists and frequencies of types of
complaints can also be generated.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [xx] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: INFO

Host System: [ ] Mainframe: _____
                  [xx] Minicomputer: PRIME 750
                  [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: INFO

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CC

Agency: New York State Department of Public Service

Contact Person: Carmela Turpin

Program Acquisition and Documentation:

An on-line help option provides a brief documentation. Will copy
source code to tape for transfer. Will respond to telephone calls
for assistance.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: COMPLAINTS, CONSUMER

PROGRAM INFORMATION

Program Description:

Consumer Complaint - Update list

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 520.01

Agency: California Public Utilities Commission

Contact Person: Helen M. Lum

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: COMPLAINTS, RATES, PRACTICES

PROGRAM INFORMATION

Program Description:

The purpose of this system is to provide a means by which the common carrier bureau can automatically track complaints and respond to general public inquiries regarding common carrier rates and practices.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [xx] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: C

Host System: [ ] Mainframe: _____
                  [ ] Minicomputer: _____
                  [xx] Microcomputer: ZILOG MODEL 31____

Processing Mode: Interactive

Teleprocessing Monitor: UNIX

Data Base Management System: INFORMIX

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CPS

Agency: Federal Communications Commission

Contact Person: Chief, CAD

Program Acquisition and Documentation:

Documentation may be acquired via request to commission. No assistance in program transfer.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: DAM SITE INSPECTION

PROGRAM INFORMATION

Program Description:

This system provides for on-line data entry of inspection, license
status, and construction statistics, relating to dam site inspection.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: ___IBM 3033_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: System 2000

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 8818

Agency: Federal Energy Regulatory Commission

Contact Person: Don Lees

Program Acquisition and Documentation:

Documentation exists - its availability is very limited.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: DEPRECIATION ANALYSIS

PROGRAM INFORMATION

Program Description:

Using vintaged data, the program determines a composite average
service life and remaining life. Given an Iowa Survivor Curve,
average service and truncation period, the program computes an
abbreviated average life and remaining life of each vintage and a
composite life for the entire group of vintages.

Utility Sector: [ ] Electric
                   [xx] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ___IBM 3033_____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 8641

Agency: Federal Energy Regulatory Commission

Contact Person: Ron Lucas

Program Acquisition and Documentation:

Limited documentation exists. Inquiries regarding program acqui-
sition should be directed to the Director, Division of Public In-
formation, FERC.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: DEPRECIATION ANALYSIS, ACTUARIAL

PROGRAM INFORMATION

Program Description:

To match vintaged property records to standard Iowa Curves to deter-
mine retirement patterns and average service lives.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: DEC-10
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ACTUARIAL

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Users documentation and source code available on 9 track EBCDIC
tape.

Application Category: Compliance/Enforcement

   PROGRAM KEYWORDS: DEPRECIATION ANALYSIS, SIMULATED PLANT RETIREMENTS

PROGRAM INFORMATION

   Program Description:

   This program simulates a retirement pattern from averaged data,
   matches the retirment pattern to a standard Iowa Curve, and computes
   average life curves.

   Utility Sector: [ ] Electric
                     [ ] Gas
                     [ ] Telephone
                     [ ] Water
                     [xx] Multi-utility and Other

   Language: FORTRAN

   Host System: [xx] Mainframe: DEC-10
                     [ ] Minicomputer: _____
                     [ ] Microcomputer: _____

   Processing Mode: Batch and Interactive

   Teleprocessing Monitor: TOPS-10

   Data Base Management System: N.A.

   Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

   Program Identification: SIMULATED

   Agency: Arkansas Public Service Commission

   Contact Person: Mary Rusk

   Program Acquisition and Documentation:

   Source code and user documentation available on 9 track EBCDIC
   tape.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: DEPRECIATION RESERVE

PROGRAM INFORMATION

Program Description:

This system calculates life expectancy from a survivor curve to
determine the adequacy of depreciation reserve.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: DEC-10
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: DPL (not required)

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RESERVE

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Source code and users documentation available on 9 track EBCDIC
tape.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: DOCKET TRACKING/CASE MANAGEMENT SYSTEM

PROGRAM INFORMATION

Program Description:

This system captures and tracks all filings and official business of
the Commission. Provides computer generated agendas, calendars,
division and team caseload reports, and daily filing activity. Also
provides various statistical and filing history reports.

Utility Sector: [ ] Electric
[ ] Gas
[ ] Telephone
[ ] Water
[xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: _____IBM 3083_____
[ ] Minicomputer: _____
[ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: CICS Command Level

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PS15

Agency: Nevada Public Service Commission

Contact Person: William H. Vance

Program Acquisition and Documentation:

System is available to other state regulatory agencies upon
request. System documentation is fair and this Commission would
provide assistance in transferring.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: ECONOMIC DATA, ELECTRIC UTILITIES, FERC FORM 1

PROGRAM INFORMATION

Program Description:

Investor-owned utilities submit corporate economic data on the FERC
Form No. 1., Annual Report, which is processed by EIA and published in
"Statistics of Privately-Owned and Publicly-Owned Electric Utilities
in the United States."

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: ___IBM 3033___
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 8922

Agency: Federal Energy Regulatory Commission

Contact Person: Elaine M. Dawson

Program Acquisition and Documentation:

Tapes (by years) are available through Energy Information Adminis-
tration (EIA), Department of Energy.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: EXHIBIT MANIPULATION

PROGRAM INFORMATION

Program Description:

Summarizes information for auditor's exhibits and tracks changes
through all the affected exhibits automatically.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ___ DEC-10 _____
                    [ ] Minicomputer: _____
                    [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: EXHIBIT MANIPULATION

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Design and users' documentation and source code available on 9
track EBCDIC tape.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: FINANCIAL AND OPERATING ACCOUNTS, GAS COMPANIES

PROGRAM INFORMATION

Program Description:

Data base containing selected Form FERC-2 data. Data base includes
annual data from Class A and B interstate natural gas pipelines in
such areas as depreciation, depletion, and amortization; income state-
ments and retained earnings; materials and supplies; salary and wage
distribution; CWIP; operating revenues; and O & M expenses.

Utility Sector: [ ] Electric
                 [xx] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: ___IBM 3033_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 8922 and 6839

Agency: Federal Energy Regulatory Commission

Contact Person: Elaine M. Dawson

Program Acquisition and Documentation:

Tapes available through Energy Information Administration (EIA),
Department of Energy. Phone No. (202) 487-4808 - National Tech-
nical Information Service (NTIS)

Application Category: Compliance/Enforcement

   PROGRAM KEYWORDS: FINANCIAL AND STATISTICAL DATA, QUARTERLY, REPORTING
                                     SYSTEM

PROGRAM INFORMATION

     Program Description:

     The quarterly reporting system records quarterly financial and statis-
     tical data from 8 major electric, 8 major gas, and 17 other gas utili-
     ties. A free form report can produce up to 999 separate headings;
     each heading can display up to 15 generated calculations for a company
     or group of companies as well as group mean.

     Utility Sector: [ ] Electric
                       [ ] Gas
                       [ ] Telephone
                       [ ] Water
                       [xx] Multi-utility and Other

     Language: COBOL

     Host System: [xx] Mainframe: BURROUGHS B1855
                       [ ] Minicomputer: _____
                       [ ] Microcomputer: _____

     Processing Mode: Batch

     Teleprocessing Monitor: N.A.

     Data Base Management System: N.A.

     Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

     Program Identification: UIS/QTR

     Agency: Pennsylvania Public Utility Commission

     Contact Person: MIS Chief

     Program Acquisition and Documentation: N.A.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: FINANCIAL DATA, BROADCASTING

PROGRAM INFORMATION

Program Description:

This system records financial data for privately-owned broadcasting
enterprises. This information can be analyzed to determine rates of
return on investment, to compare enterprises, etc.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: PL/I

Host System: [xx] Mainframe: ___IBM 380X (OS/MVS)___
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: VSAM

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ANNUAL FINANCIAL RETURNS SYSTEM

Agency: Canadian Radio-television and Telecommunications Commissions

Contact Person: Mr. Jerry Olesnyckyj, Chief of Computer Servs. Div.

Program Acquisition and Documentation

Financial data is confidential and as such cannot be released on an
individual basis to people outside the Canadian-television and Tele-
communications Commission. Aggregate data can be acquired from
Statistics Canada.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: FINANCIAL REPORTING, MONTHLY

PROGRAM INFORMATION

Program Description:

Each month Pacific Northwest Bell supplies a detailed accounting tape.
The data is stored on a disk, and reports can be produced covering any
12 consecutive months.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: DATABUS and COBOL

Host System: [xx] Mainframe: IBM 3033MP
                   [xx] Minicomputer: DATAPOINT ARC
                   [ ] Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PNB

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is no documentation for the system. The Commission can send
source programs and chain files on tape.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: FUEL AND OIL COSTS

PROGAM INFORMATION

Program Description:

Fuel and Oil Costs — update, delinquents, list

Utility Sector: [ ] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: ___SPERRY 1100/70___
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 305.01

Agency: California Public Utilities Commission

Contact Person: Merrill Gillespie

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: FUEL COST AND QUALITY, ELECTRIC UTILITIES

PROGRAM INFORMATION

Program Description:

This system processes data collected on FPC Form 423. Data are sub-
mitted by electric utilities with combined fossil fuel generating
capacity of 25 MW or greater. Data are validated and produced in
monthly and annual reports ("Cost and Quality of Fuels for Electric
Utility Plants") and in the "Electric Power Monthly."

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: COBOL

Host System: [xx]   Mainframe: ___IBM 3033_____
                  [ ]   Minicomputer: _____
                  [ ]   Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 6501

Agency: Federal Energy Regulatory Commission

Contact Person: Alex Gakner

Program Acquisition and Documentation:

Inquiries may be directed to the Energy Information Administration.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: FUEL MONITORING SYSTEM

PROGRAM INFORMATION

Program Description:

Supports the ratemaking role of the Commission pertinent to the
regulation of energy utilities. The Fuel Monitoring System is an
automated data collection and reporting system which provides reports
showing variance between utility projected fuel cost and actual
experienced cost on a monthly and an annual basis. The reports show
variances between fuel usage data as well.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: COBOL

Host System: [xx]   Mainframe: SPERRY UNIVAC 1100/84
                  [ ]   Minicomputer: _____
                  [ ]   Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: DMS-1100

Special Requirements: QLP Software

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FMS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: GAS INVESTIGATION

PROGRAM INFORMATION

Program Description:

This system consists of two programs. Program #1 builds the data
file. The gas inspectors fill out a report that shows the compliance
or violations of the inspection. This includes initial and follow-up
inspections. Program #2, which is not run until all inspections are
received, produces the summary report.

Utility Sector: [ ] Electric
                   [xx] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: _____IBM 3033_____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: SAS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: GI

Agency: New York State Public Service Commission

Contact Person: Peter Holmberg

Program Acquisition and Documentation:

Documentation is available. Will copy to tape for transfer. Will
respond to phone calls for assistance.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: GAS PRICE/NGPA 1978, SEC. 102, 103, 107, 108

PROGRAM INFORMATION

Program Description:

The Interim Price Tracking System (IPTS) processes data reported on
FERC Form 121. The applicant submits prices for gas from new wells
approved by state commissions. FERC monitors this data with state
plans for price regulation submitted previously. Data received at
FERC are reported in the Federal Register daily.

Utility Sector: [ ] Electric
                 [xx] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: DATA BASE

Host System: [xx] Mainframe: IBM 3033
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: System 2000

Special Requirements: SUPERWYLBUR and Capex Software

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Federal Energy Regulatory Commission

Contact Person: Brooks Carter

Program Acquisition and Documentation:

Documentation and copies of the data base are available through
the National Technical Information Service.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: HAZARDOUS MATERIALS SURVEILLANCE DATA

PROGRAM INFORMATION

Program Description:

Records data pertaining to hazardous materials shipment.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DATABUS and RPG II

Host System: [ ] Mainframe: _____
                 [xx] Minicomputer: DATAPOINT ARC
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: HAZ

Agency: Washington Utilities and Transportation Commission

Contact Person: Jim Ryan

Program Acquisition and Documentation:

Program source available on 9 track 800 bpi magnetic tape. No
system documentation available except file layouts.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: HYDROELECTRIC PROJECTS, HEADWATER BENEFITS INVESTIGATION

PROGRAM INFORMATION

Program Description:

Used to determine benefits received by downstream hydropower plants
from upstream Federal or licensed reservoirs.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: PL/I

Host System: [xx] Mainframe: IBM 3033
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Reservoir Subroutines

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: HWBEGV

Agency: Federal Energy Regulatory Commission

Contact Person: Patrick O. Jefferson

Program Acquisition and Documentation:

Users manual available.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: HYDROELECTRIC PROJECTS, LICENSING

PROGRAM INFORMATION

Program Description:

This system provides for on-line entry of data pertaining to current
requirements of permits, licenses, and exemptions issued to utilities
owning hydroelectric projects. System generates reports indicating
compliance or non-compliance with requirements.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: ___IBM 3033___
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 8817

Agency: Federal Energy Regulatory Commission

Contact Person: Donald Lees

Program Acquisition and Documentation:

Documentation not yet available.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: HYDROELECTRIC PROJECTS, RECREATIONAL OPPORTUNITIES

PROGRAM INFORMATION

Program Description:

Recreational facilities and opportunities for a hydroelectric site are
reported to FERC by the licensee. The data are used for development
of a biannual publication. The FERC Form 80 is used for reporting.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL and SYSTEM 2000

Host System: [xx] Mainframe: IBM 3033
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: SYSTEM 2000

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 8816

Agency: Federal Energy Regulatory Commission

Contact Person: Maria B. Catlett

Program Acquisition and Documentation:

Documentation is available on a limited basis through FERC
Division of Public Information.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: INFORMATION MANAGEMENT, UTILITIES

PROGRAM INFORMATION

Program Description:

Maintains a file of all utilities regulated by the PUC. Tracks insur-
ance compliance (1QTR84), the filing of annual reports (1WTR84), and
taxis permitted to operate within a given geographic area. Tracks all
docketed cases through the Commission. Provides consistent, valid
data in synopsis form, retrievable instantly.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: GEMCOS

Data Base Management System: DMS II

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: UIMS

Agency: Pennsylvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation:

Contact MIS Division, Secretary's Bureau - users manual available.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: INTERIM RATE MONITORING

PROGRAM INFORMATION

Program Description:

Program monitors bonds, corporate undertakings, escrow accounts, and letters of credit, where revenues are subject to refund. Produces reports on the interim rates and assurance bonds.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [xx] Water
                    [ ] Multi-utility and Other

Language: dBASE II

Host System: [ ] Mainframe: _____
                    [ ] Minicomputer: _____
                    [xx] Microcomputer: XEROX 1618

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: dBASE II

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Florida Public Service Commission

Contact Person: Administrator, Office of Information Processing

Program Acquisition and Documentation:

Call (904) 487-2680 or write to the Administrator of Information Processing for the documentation.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: METER TESTING RESULTS ANALYSIS, GAS

PROGRAM INFORMATION

Program Description:

Inputs the results of gas meter tests performed by commission staff.
Program determines the effect of meter type, use, and component part
on the accuracy of the meter. The program also establishes by analy-
sis the maximum effective or useful life of gas meters. The results
are used to revise meter inspection regulations, and, within commis-
sion monitoring inspection system, to vary meter selection to maintain
sample integrity.

Utility Sector: [ ]   Electric
                  [xx]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: FORTRAN

Host System: [xx]   Mainframe: ___IBM 3033_____
                  [ ]   Minicomputer: _____
                  [ ]   Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: GT

Agency: New York State Public Service Commission

Contact Person: Robert McNulty

Program Acquisition and Documentation:

Documentation is available. Will copy source code to tape for
transfer. Will respond to phone calls for assistance.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: MICROWAVE, INTERFERENCE

PROGRAM INFORMATION

Program Description:

This system includes an automated microwave engineering data base with
file handling and retrieval capabilities and a set of associated
analysis programs. The following analytic capabilities are available:
a basic carrier to interference (C/I) calculation model, which acces-
ses data in both the MELF and MEF, to calculate co-channel interfer-
ence levels between existing and proposed links; a statistical summary
print routine that quantifies several frequency-usage parameters based
on MELF data.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ___HONEYWELL 66/60___
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: EMW

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Engineering and Enforcement Branch

Program Acquisition and Documentation: N.A.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: MONITORING, ENFORCEMENT, INSPECTION, INVESTIGATION

PROGRAM INFORMATION

Program Description:

The system provides a single computerized data base for the major case
history files located in the monitoring, inspections, and investiga-
tions branches of the enforcement division of the field operations
bureau. Provides the ability to cross reference among the three
branches to prevent duplication of enforcement activities on current
major cases. Also tracks in-progress status on current cases.
Additionally, the system produces, in a timely manner cumulative
reporting information currently unavailable or extremely time
consuming to create via manual operation.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: HONEYWELL 66/60
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FDN

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Engineering and Enforcement Branch

Program Acquisition and Documentation: N.A.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: MONITORING, OBSERVATION, COMMUNICATION

PROGRAM INFORMATION

Program Description:

This system is used by the FCC to collect statistics from surveillance
of the air waves by its field office monitoring stations, and by
stations of domestic-based international communication systems, such
as RCA and ITT.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: __HONEYWELL 66/60__
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: EMT

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Engineering and Enforcement Branch

Program Acquisition and Documentation: N.A.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: MOTOR CARRIER INFORMATION

PROGRAM INFORMATION

Program Description:

Lists and classifies all motor carrier operating authorities, insur-
ance, and vehicle identification information for inter- and intra-
state motor carriers operating within Indiana. This package is being
adopted from a similar motor carrier information system from Missouri.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: IMS/ADF and COBOL

Host System: [xx] Mainframe: ___IBM 3081___
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: IMS

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: Indiana Motor Carrier Information System
                         (IMCIS)

Agency: Indiana Public Service Commission

Contact Person: Michael Jacks, Director: Transportation Dept.

Program Acquisition and Documentation:

For acquisition and documentation, please contact Michael Jacks,
Director: Transportation Department at (317) 232-2724 (or Wayne L.
Lash, Chief Economist/Director of Data Processing: Economics &
Finance Department at (317) 232-2746).

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: MOTOR CARRIER INFORMATION SYSTEM

PROGRAM INFORMATION

Program Description:

On-line storage and retrieval of carrier information, authorities,
associated names, addresses, tickler messages, and compliance informa-
tion. Lookup of carrier by ID number, authority number or ICC numbers
or any associated name. Lookup of authority and carrier by county.
Various batch reports. On-line concurrent update of data with journ-
aling. Full transaction history maintained.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: DEC-20, IBM 3081
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TOPS-20

Data Base Management System: DBMS-20

Special Requirements: ANSI Compatible Terminal; Traffic-20

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 740

Agency: Public Utilities Commission of Ohio

Contact Person: Robert Romoser

Program Acquisition and Documentation:

Permission of department director required. User guide and
technical documentation available. System available on
DEC-compatible tape, contact Commission for acquisition detail.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: MOTOR CARRIER INFORMATION SYSTEM

PROGRAM INFORMATION

Program Description:

Motor Carrier Information System for all motor carriers: permits,
rates, etc.

Utility Sector: [ ]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [xx]   Multi-utility and Other

Language: COBOL

Host System: [ ]   Mainframe: _____
                  [xx]   Minicomputer: TI 990 _____
                  [ ]   Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MCIS

Agency: Minnesota Department of Transportation

Contact Person: Alan Soder

Program Acquisition and Documentation:

Documentation and assistance is available

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: MOTOR CARRIER REGISTRATION

PROGRAM INFORMATION

Program Description:

The Franklin Fee System provides for the annual collection of fees and issuance of intrastate and interstate stamps and records information on approximately 23,000 motor carriers.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL and EASYTRIEVE

Host System: [xx] Mainframe: AMDAHL 5860 and IBM
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TSO and CICS

Data Base Management System: ISAM and DOCUMASTER

Special Requirements: 327X Terminal

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FRANCHISE FEE SYSTEM

Agency: Illinois Commerce Commission

Contact Person: Ron Dace

Program Acquisition and Documentation:

None

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: MOTOR CARRIER SYSTEM

PROGRAM INFORMATION

Program Description:

Supports the conduct of activities of the Division of Motor Carrier
Operations and the Division of Motor Carrier Compliance and Services.
Provides automated record of the characteristics of both motor carrier
operations and commercial vehicles which they operate. Supplies auto-
mated processes for the conduct of the registration, taxation, audit,
and enforcement activities of the Commission in its administration of
the motor carrier provisions of the Code of Commission Rules.

Utility Sector: [ ]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [xx]   Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx]   Mainframe: __SPERRY UNIVAC 1100/84__
                  [ ]   Minicomputer: _____
                  [ ]   Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification   MCS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact Chester
A. Roberts, Director of Planning and Development at (804) 786-4418.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: MOTOR VEHICLE FILE

PROGRAM INFORMATION

Program Description:

This file contains for each carrier in the state, a list of equipment
such as tractors, trailers, dollies, etc. by registration number.
This program can also generate address labels for all registered
carriers in the state. The Commission is frequently requested by many
insurance companies and other interested groups to furnish this
labeled list of carriers.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 302.01

Agency: California Public Utilities Commission

Contact Person: Merrill Gillespie

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: PIPELINE SAFETY

PROGRAM INFORMATION

Program Description:

Used for sizing gas pressure regulators.

Utility Sector: [ ] Electric
                    [xx] Gas
                    [ ] Telephone
                    [ ] Water
                    [ ] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                    [ ] Minicomputer: _____
                    [xx] Microcomputer: Vector 4 and Commodore 64

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CAPACITY BAS

Agency: Indiana Public Service Commission

Contact Person: Ed Little, Pipeline Safety Engineer:
                 Engineering Dept.

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Edward Little at (317) 232-2754.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RADIO EQUIPMENT LIST, AUTHORIZATION, LICENSING

PROGRAM INFORMATION

Program Description:

The radio equipment list, containing entries for transmitting equip-
ment considered acceptable for licensing, is published semi-annually
by the Commission. The determination of additions to or deletions
from the radio equipment list is a function of the equipment authori-
zation branch laboratory division, in the office of the Chief Scien-
tist.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: __HONEYWELL 66/60__
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Index Sequential Processor (ISP)

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ERE

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Engineering and Enforcement Section

Program Acquisition and Documentation: N.A.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD ACCIDENTS

PROGRAM INFORMATION

    Program Description:

    Railroad accidents, not grade crossings - Update, list

    Utility Sector: [ ] Electric
                       [ ] Gas
                       [ ] Telephone
                       [ ] Water
                       [xx] Multi-utility and Other

    Language: COBOL68

    Host System: [xx] Mainframe: SPERRY 1100/70
                    [ ] Minicomputer:
                    [ ] Microcomputer:

    Processing Mode: Batch

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: 376.01

    Agency: California Public Utilities Commission

    Contact Person: Danielier J. Heard

    Program Acquisition and Documentation:

    Documentation available. Requests for program acquisition should
    be directed to the Executive Director, CPUC.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD CROSSING ACCIDENTS

PROGRAM INFORMATION

Program Description:

Grade crossing accidents - Edit, update, list

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN66 and COBOL68

Host System: [xx] Mainframe: _____ SPERRY 1100/70 _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 376.01

Agency: California Public Utilities Commission

Contact Person: Stennis Scruggs

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD CROSSING ACCIDENTS

PROGRAM INFORMATION

Program Description:

Grade crossing accidents - List, extract

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
               [ ] Minicomputer:
               [ ] Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 376.07

Agency: California Public Utilities Commission

Contact Person: Stennis Scruggs

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD CROSSING ACCIDENTS

PROGRAM INFORMATION

Program Description:

This system maintains a record of each accident involving trains
and/or vehicle/train which occurs at a railroad crossing. Statistical
summary reports for the railroad section are produced.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DATABUS

Host System: [ ] Mainframe: _____
                   [xx] Minicomputer: DATAPOINT ARC
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RLD

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is no documentation for the system. Source files can be
sent on tape.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD CROSSING INVENTORY

PROGRAM INFORMATION

Program Description:

Information relating to railroad crossings is maintained in the
railroad crossing file. This information includes: (1) location, (2)
crossing geometrics, (3) active and passive protection, (4) accumu-
lated accidents, and (5) status. The program maintains the file and
generates inventory reports which are used by state, city, federal and
private agencies.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: DATABUS, COBOL, and RPG

Host System: [xx] Mainframe: IBM 3033MP
                  [xx] Minicomputer: DATAPOINT ARC
                  [ ] Microcomputer:

Processing Mode: Batch and Interactive

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: DYL-260

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RLD

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

The master file itself and the interactive update program are
documented. Other parts of the system are not documented. Source
files can be sent on tape.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD CROSSING, PRIORITY RANKING

PROGRAM INFORMATION

Program Description:

Formulas developed by the Railroad Section have been incorporated in the program to rank railroad crossings according to accident potential. The program processes records in the railroad crossing file.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL and DYL-260

Host System: [xx] Mainframe: IBM 3033MP
                [ ] Minicomputer:
                [ ] Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: DYL-260

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: R3012215

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is a little bit of documentation. The source files can be sent on tape.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD CROSSING, PROTECTION FILE, SHARED COST
ACCOUNTING

PROGRAM INFORMATION

Program Description:

Each railroad crossing has a file on tape, updated on punch cards in a
monthly cycle process. A small Fortran program computes the updated
file. Other programs make annual crossing lists and financial state-
ments. Two principal types of data input are (1) crossing inventory
by location and type of protection; (2) financial data such as record
of annual costs and apportionment to user railroads, cities, and
counties, along with payments recieved and/or due, and disbursements
against invoices or railroad bills.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN66 and COBOL68

Host System: [xx] Mainframe: ___SPERRY 1100/70___
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 376.03

Agency: California Public Utilities Commission

Contact Person: Stennis Scruggs

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD CROSSING, PROTECTIONS

PROGRAM INFORMATION

Program Description:

Grade crossings protection - Update, sort, list

Utility Sector: [ ] Electric
[ ] Gas
[ ] Telephone
[ ] Water
[xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: ___SPERRY 1100/70___
[ ] Minicomputer: _____
[ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 376.07

Agency: California Public Utilities Commission

Contact Person: Norma J. Kristovich

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Compliance/Enforcement

   PROGRAM KEYWORDS: RAILROAD CROSSING, YEAR-TO-DATE, MONTHLY, YEAR-END

PROGRAM INFORMATION

    Program Description:

    The railroad crossing system provides the basic inventory of crossings
    statewide, identified by I.D. number, railroad and branch, locale,
    type of protection, and physical characteristics. The file is updated
    monthly with accident data, types of vehicles, injuries and mortali-
    ties, weather and illumination, etc. Year-end statistics may be pro-
    duced by railroad, by city or county, by type of protection, by type
    of accident, by severity, etc.

    Utility Sector: [ ] Electric
                      [ ] Gas
                      [ ] Telephone
                      [ ] Water
                      [xx] Multi-utility and Other

    Language: FORTRAN66 and COBOL68

    Host System: [xx] Mainframe: SPERRY 1100/70
                      [ ] Minicomputer: _____
                      [ ] Microcomputer: _____

    Processing Mode: Batch

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: 376.01

    Agency: California Public Utilities Commission

    Contact Person: Stennis Scruggs

    Program Acquisition and Documentation:

    Documentation available. Requests for program acquisition should
    be directed to the Executive Director, CPUC.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD, FINANCIAL DATA, CLASS I

PROGRAM INFORMATION

Program Description:

This application is a compilation and display of railroad financial data.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DATA BASE

Host System: [xx] Mainframe: IBM 370
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Compressed Printer Font (TI 800 Series)

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RAIL FINANCIAL DATA BASE (RFDB)

Agency: Federal Railroad Administration

Contact Person: Thomas F. Ferrara

Program Acquisition and Documentation:

Software is commercially proprietary to TYMSHARE, Inc. The data is publicly available from the data submitted to the ICC.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD-HIGHWAY CROSSING INVENTORY

PROGRAM INFORMATION

Program Description:

The Crossing Inventory and Statistical Inventory System (CRISIS) was
built from the National Crossing Inventory. Illinois Commerce Commis-
sion historical data and crossing identification was added allowing
the system to provide statistical reports on accident occurences, case
tracking on formal proceedings, trend analysis for safety program
development, and coordination of informal complaints for the 25,000
crossings of public and private highways with railroad tracks in the
State of Illinois.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL, EASYTRIEVE and FORTRAN

Host System: [xx] Mainframe: AMDAHL 5860 (IBM Compatible)
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TSO

Data Base Management System: IMS/VS

Special Requirements: 327X Compatible Terminal

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CRISIS

Agency: Illinois Commerce Commission

Contact Person: Ron Dace

Program Acquisition and Documentation:

Documentation on programs only.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD INFORMATION SYSTEM

PROGRAM INFORMATION

    Program Description:

    On-line storage and retrieval of accident, complaint and inspection
    information by county, railroad or structure. Batch update also
    provided.

    Utility Sector: [ ] Electric
                        [ ] Gas
                        [ ] Telephone
                        [ ] Water
                        [xx] Multi-utility and Other

    Language: COBOL

    Host System: [xx] Mainframe: DEC-20_____
                        [ ] Minicomputer: _____
                        [ ] Microcomputer: _____

    Processing Mode: Batch and Interactive

    Teleprocessing Monitor: TOPS-20

    Data Base Management System: DBMS-20

    Special Requirements: VT-52 Compatible Terminal, Traffic-20

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: 750

    Agency: Public Utilities Commission of Ohio

    Contact Person: Robert Romoser

    Program Acquisition and Documentation:

    Permission of department director required. User guide and tech-
    nical documentation available, system available on DEC-compatible
    tape. Contact Commission for acquisition details.

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD OPERATIONAL ACCIDENTS

PROGRAM INFORMATION

Program Description:

This system maintains a record of each accident involving trains
and/or vehicle/train. Statistical summary reports for the railroad
section are generated.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DATABUS

Host System: [ ] Mainframe: _____
                 [xx] Minicomputer: DATAPOINT ARC
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RLD

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is no documentation for the system. Source files can be
sent on tape.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: RAILROAD REGULATION

PROGRAM INFORMATION

Program Description:

Transportation Information System contains statewide data on roadways, bridges, traffic, accidents, railroads. One use is for regulation of railroad grade crossings.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: PL/I and ASSEMBLER

Host System: [xx] Mainframe: ___IBM 3033___
              [ ] Minicomputer: _____
              [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TIS

Agency: Minnesota Department of Transportation

Contact Person: Jim Johnson

Program Acquisition and Documentation:

Documentation and assistance is available.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: REMOTE TESTING, TELEPHONE, MILLIWATT

PROGRAM INFORMATION

Program Description:

Programs used to manage and pool the information concerning remote
testing of central offices. Percent blockage information for each
exchange can be generated.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [xx] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: DATARIEVE

Host System: [ ] Mainframe: _____
                  [xx] Minicomputer: DEC PDP 11-24
                  [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TRAFFIC STUDIES (DIR)

Agency: Alaska Public Utilities Commission

Contact Person: Lorraine Plaga

Program Acquisition and Documentation:

Little Documentation available. Programs may be obtained by con-
tacting the commission through Lorraine Plaga at (907) 263-2169.
Distribution of source code is by magnetic tape (1600 bpi).

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Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: SERVICE REPORTS, TELEPHONE

PROGRAM INFORMATION

Program Description:

Monthly, quarterly, and annual reports are produced. Displays customer trouble reports per 100 stations by central office and entity. Each rate is graded depending on the service component. Weak spots are highlighted. Two levels of required action are indicated for locations having less than satisfactory results on the monthly report.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL

Host System: [ ] Mainframe: _____
                   [xx] Minicomputer: PRIME 750 _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TS

Agency: New York State Public Service Commission

Contact Person: Doug Dame

Program Acquisition and Documentation:

Documentation is out of date. It may be updated in the future. Will copy source code to tape for transfer. Will respond to phone calls for assistance.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: TARIFF SUBSCRIPTION

PROGRAM INFORMATION

Program Description:

This system keeps track of the number of copies of each tariff the
carrier wants to receive. When a tariff change is made, address
labels are printed for the affected carriers along with the number of
copies they are to receive. The subscription data are also used in
generating the annual tariff billing forms.

Utility Sector: [ ] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [xx] Multi-utility and Other

Language: DATABUS and COBOL

Host System: [xx] Mainframe: IBM 3033MP
               [xx] Minicomputer: DATAPOINT ARC
               [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Washington Utilities and Transportation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There is no documentation for the system. Source files can be
sent on tape.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: TELEVISION, DATA BASE, PETITIONS, TRANSLATOR, CHANNEL
                                              STUDY

PROGRAM INFORMATION

Program Description:

The TV data base update system is designed to maintain and validate
the TV engineering data base. This data base contains technical data
for existing stations, proposed stations, TV management, rulemaking
petitions/proposals, foreign stations (Canada and Mexico), and TV
translators. Its primary function is to serve as input to TV channel
study programs.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL, FORTRAN, and ASSEMBLY

Host System: [xx] Mainframe: ___HONEYWELL 66/60___
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: BTM

Agency: Federal Communications Commission

Contact Person: Chief, CAD: Broadcast Branch

Program Acquisition and Documentation: N.A.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: TELEVISION, PROGRAMS, CANADIAN CONTENT, REGULATIONS

PROGRAM INFORMATION

Program Description:

This system records the program logs of most television stations. The logs can be analyzed to determine that stations are adhering to the regulations specified by the Broadcasting Act, and to conditions specified by their licenses.

Utility Sector: [ ] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [xx] Multi-utility and Other

Language: COBOL and MARK IV

Host System: [xx] Mainframe: IBM 380x (OS/MVS)
                [xx] Minicomputer: SYSTEMS APPROACH LTD. IM70 (TOS)
                [xx] Microcomputer: PERELE DATA SYSTEM 212

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TELEVISION LOGS

Agency: Canadian Radio-television and Telecommunications Comm.

Contact Person: Mr. Jerry Olesnyckyj, Chief of Computer Service
                Div. (819) 994-1292.

Program Acquisition and Documentation:

TV logs data is confidential and as such cannot be released on an individual basis to people outside the Canadian Radio-television and Telecommunications Commission. Some statistical reports on an aggregate basis are available. For more information contact Mr. Romanow of the Statistical Information Centre at (819) 997-6885.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: TERMINATION OF SERVICES, ELECTRIC, GAS

PROGRAM INFORMATION

Program Description:

Purpose of the service termination report system is to capsulize major
electric and gas termination of service for residential on a monthly
basis; and for industrial, and commercial on a quarterly basis.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: ODESSEY software used for data input

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TOSS

Agency: Pennsylvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation:

Documentation available. To acquire documentation, contact
Director of Operations.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: TRAFFIC REPORT, TELEPHONE

PROGRAM INFORMATION

Program Description:

Given the number of trunks and average CCS for all exchanges, these
programs are used to generate a 3-month and a 1-year trouble report.
A trouble report shows areas which experience over 12 CCS/trunk or
over P.05.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: BASIC PLUS-2

Host System: [ ] Mainframe: _____
                   [xx] Minicomputer: DEC PDP 11-24
                   [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TRAFFIC STUDIES (BASIC)

Agency: Alaska Public Utilities Commission

Contact Person: Lorraine Plaga

Program Acquisition and Documentation:

Little documentation is available. Programs may be obtained by
contacting the commission through Lorraine Plaga at (907) 263-
2169. Distribution of source code is by magnetic tape (1600 bpi).

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: TRAFFIC STUDY, CONTINUOUS

PROGRAM INFORMATION

Program Description:

Processes statistically bills of lading for carriers operating within/through the state of Washington. The bills are then used to reflect the entire traffic movement within/through the state and to aid in showing the impact of future rate increases, by use of a rerate program.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: N.A.

Host System: [xx] Mainframe: IBM 3033
               [ ] Minicomputer: _____
               [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CTS

Agency: Washington Utilities and Transportation Commission

Contact Person: Rod Herman

Program Acquisition and Documentation: N.A.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: TRANSPORATION INVESTIGATOR ACTIVITY

PROGRAM INFORMATION

Program Description:

Tabular and graphic reports appraise management of the level of
compliance of motor carriers and of the comparative performances of
the field investigators.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ____IBM 3081_____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: IBM 3800 Printing Subsystem

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TRANSPORTATION ENFORCEMENT REPORTING
                          SYSTEM

Agency: Public Utilities Commission of Ohio

Contact Person: Robert Romoser

Program Acquisition and Documentation:

Permission of Transportation Department Director required. Cost
of providing copies of documentation and program source code may
be invoiced.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: TRUCK STATISTICS, QUARTERLY

PROGRAM INFORMATION

Program Description:

This system is used to produce the Quarterly Truck Statistics. Once
the forms have been received they are entered into the system, machine
audited; and, when all carriers have been processed, the computer is
used to produce a camera-ready copy of statistics.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DATABUS and RPG

Host System: [ ] Mainframe: _____
                   [xx] Minicomputer: DATAPOINT ARC_____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: DATASHARE

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TRK

Agency: Washington Utilities and Transporation Commission

Contact Person: Bob Klein

Program Acquisition and Documentation:

There are many pieces of documentation, but they are poorly
organized. The source programs can be sent on tape.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: UNDERGROUND NATURAL GAS STORAGE

PROGRAM INFORMATION

Program Description:

The Underground Natural Gas Storage System (UNGS) processes data
reported on the FPC Form 8. Approximately forty (40) companies report
monthly storage volume including owned, processed, field under devel-
opment, injections, and withdrawals. Selected data are automated and
used for short- and long-term trend analysis. Statistics are pub-
lished in the DOE/EIA monthly Energy Review and Energy Data Reports.

Utility Sector: [ ]   Electric
                   [xx]   Gas
                   [ ]   Telephone
                   [ ]   Water
                   [ ]   Multi-utility and Other

Language: COBOL

Host System: [xx]   Mainframe: IBM 3033
                   [ ]   Minicomputer: _____
                   [ ]   Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: SUPERWYLBUR

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 6411

Agency: Federal Energy Regulatory Commission

Contact Person: John Joseph

Program Acquisition and Documentation:

Inquiries regarding data base acquisition should be directed to
the Energy Information Administration, DOE.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: WATER COMPANIES

PROGRAM INFORMATION

Program Description:

Prints current directory of water companies. The file contains data
regarding the demography, storage facilities, and other miscellaneous
data of approximately 500 water companies under regulation.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [xx] Water
                    [ ] Multi-utility and Other

Language: INFO

Host System: [ ] Mainframe: _____
                    [xx] Minicomputer: PRIME 750 _____
                    [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: INFO

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: WC

Agency: New York State Public Service Commission

Contact Person: Carmela Turpin

Program Acquisition and Documentation:

Documentation is available but not updated for Prime. Will copy
source code to tape for transfer. Will respond to telephone calls
for assistance.

Application Category: Compliance/Enforcement

PROGRAM KEYWORDS: WATS LINE USAGE STATISTICS

PROGRAM INFORMATION

Program Description:

The WATS Line reporting system summarizes the activity of the "800"
numbers in the department with weekly, monthly, quarterly, and annual
reports.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL

Host System: [ ] Mainframe: _____
                  [xx] Minicomputer: PRIME 750 _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: WLS

Agency: New York State Public Service Commission

Contact Person: Peter Holmberg

Program Acquisition and Documentation:

Documentation available but not updated for Prime. Will copy
source code to tape for transfer. Will respond to telephone calls
for assistance.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: ACCOUNTING INFORMATION

PROGRAM INFORMATION

Program Description:

This system was acquired from the Missouri Department of Consumer
Affairs. It provides screens for the input of accounting data, then
produces reports on rate base, income statement, revenue requirements,
income tax, schedule of adjustments, average revenue log, cash working
capital, total plant in service, depreciation expense, and deprecia-
tion reserve.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: CLIST and PL/I

Host System: [xx] Mainframe: IBM 3081
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: EXHIBIT MANIPULATION SYSTEM (EMS)

Agency: Indiana Public Service Commission

Contact Person: Chris Newlon, Senior Programmer:
                  Economics & Finance Department

Program Acquisition and Documentation:

Suggest contacting Howard Toombs, Systems Analyst III-MIS,
Missouri Department of Consumer Affairs, Regulation and Licensing
at (314) 751-5461.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: ACCOUNTS BALANCE FORECASTING SYSTEM

PROGRAM INFORMATION

Program Description:

This system analyzes individual internal accounts of a utility to
determine a modeling approach which best describes the performance of
the account. The system compares the account performance with company
budgets to determine the reliability of the company's modeling
approach.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: FORTRAN V and CCL

Host System: [xx]   Mainframe: _____ CDC CYBER 760 _____
                  [ ]   Minicomputer: _____
                  [ ]   Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Versatec Plotter, EZGRAF Plotting Package

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Florida Public Service Commission

Contact Person: Administrator, Office of Information Processing

Program Acquisition and Documentation:

Call (904) 487-2680 or write to the Administrator of Information
Processing for the documentation.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: BILLING IMPACT ANALYSIS

PROGRAM INFORMATION

Program Description:

This application is used in conjunction with the development of the
tariff of a petitioner. Schedules are produced that demonstrate the
impact of rate changes on a utility company's customer billing.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: APPLE II-E _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Apple II-E microcomputer with VisiCalc
                       Software Package

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: BILLING DIRECT ANALYSIS

Agency: New Jersey Board of Public Utilities

Contact Person: Henry Rich

Program Acquisition and Documentation:

Not available until mid-1984.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: CAPACITY ANALYSIS MODEL

PROGRAM INFORMATION

Program Description:

This program gives least-cost capacity expansion plans, i.e., sched-
ules of generating unit additions which minimize revenue requirements.
Input requirements include capital costs and operating data for candi-
date units, operating data for exisiting capacity, load projections,
and reserve or reliability constraints. MINIRAM develops revenue mul-
tipliers for input required for this program.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: N.A.

Host System: [xx]   Mainframe: _____UNIVAC 1108_____
                  [ ]   Minicomputer: _____
                  [ ]   Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Linear Programming package must be available
                       to use CAM.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CAM and MINIRAM

Agency: Maryland Public Service Commission

Contact Person: Anthony Fest

Program Acquisition and Documentation:

Part of Cost-of-Service Information System (COSIS), acquired
from Temple, Barker & Sloane consulting firm (Lexington,
Massachusetts).

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: CAPACITY EXPANSION AND RELIABILITY EVALUATION SYSTEM

PROGRAM INFORMATION

Program Description:

It is a computer program that finds the least-cost electric generation
expansion plan over a period of up to 20 years. The forward dynamic
programming technique is used to find the optimum expansion plan.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: AMDAHL 470/V8 IBM Compatabile)
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: 500K Memory

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CERES

Agency: National Regulatory Research Institute

Contact Person: Pran Paul

Program Acquisition and Documentation:

Program and documentation are available from NRRI. The documenta-
tions are: (1) "CERES: Capacity Expansion and Reliabiity Evalua-
tion System" and (2) "CERES Operational Procedure."

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: CAPACITY EXPANSION PLANS, OPTIMUM

PROGRAM INFORMATION

Program Description:

The program uses selected utility data to determine optimal expansion capabilities.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: FORTRAN

Host System: [xx]   Mainframe: IBM 3033
                  [ ]   Minicomputer:
                  [ ]   Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: WASP II

Agency: Federal Energy Regulatory Commission

Contact Person: Bill Wheelock

Program Acquisition and Documentation:

Documentation is available by request through the Commission's Division of Public Information.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: CAPACITY EXPANSION PLANS, OPTIMUM

PROGRAM INFORMATION

Program Description:

The program determines optimal expansion, considering cost and load requirements, for individual utilities.

Utility Sector: [xx] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: IBM 3033
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CERES I

Agency: Federal Energy Regulatory Commission

Contact Person: Bill Wheelock

Program Acquisition and Documentation:

Documentation is available by request through the Commission's Division of Public Information.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: CAPACITY PLANNING, OVER/UNDER

PROGRAM INFORMATION

Program Description:

This is the EPRI over/under capacity planning model. The program has
not been modified other than to make it operate on the Honeywell.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: HONEYWELL 66/60 DPS II
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: TSS

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: OVER/UNDER

Agency: State Corporation Commission of Kansas

Contact Person: Dave Larson

Program Acquisition and Documentation:

Available from EPRI.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: CARRIER, EXTRACT, LIST

PROGRAM INFORMATION

Program Description:

Carrier - Extract, list

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
              [ ] Minicomputer: _____
              [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 540.01

Agency: California Public Utilities Commission

Contact Person: Joyce A. Fong

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: CARRIER, OPERATING REVENUES, TWO YEARS STATISTICS

PROGRAM INFORMATION

Program Description:

Six reports are produced covering the eight most recent quarters.
Data for the latest quarter is supplied from the carrier file tape and
data for the earlier seven quarters is supplied from small card decks.
The reports provide some division of carriers into types: all
carriers, highway carriers, selected highway carriers, railway
carriers, and non-passenger freight carriers.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 453.02

Agency: California Public Utilities Commission

Contact Person: Joyce A. Fong

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COGENERATION CREDITS

PROGRAM INFORMATION

Program Description:

Calculation of cogeneration credits pursuant to Indiana PSC rulemakings.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: ___IBM 3081_____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: N.A.

Special Requirements: SAS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COGEN

Agency: Indiana Public Service Commission

Contact Person: Labros Filalis, Principal Utility Analyst:
                 Economics & Finance Department

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Wayne L. Lash, Chief Economist/Director of Data Processing:
Economics & Finance Department at (317) 232-2746.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COMPUSTAT CONVERSION TO SAS DATASET

PROGRAM INFORMATION

Program Description:

This program uses several external files of variables to create
another, customized program. The customized program is then used to
read data from a Compustat tape into a large SAS dataset, and write
that dataset back out to tape.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: _____IBM 3081_____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: N.A.

Special Requirements: SAS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COMPUSTAT CONVERSION PROGRAM

Agency: Indiana Public Service Commission

Contact Person: Tom Hsiao, Utility Analyst: Economics &
                 Finance Department

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Wayne L. Lash, Chief Economist/Director of Data Processing:
Economics & Finance Department at (317) 232-2746.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COMPUSTAT RATIOS AND COMPARISONS

PROGRAM INFORMATION

Program Description:

Series of programs to load portions of Compustat tape files to disk
files, dump selected data as formatted printouts, and calculate ratios
for comparison over time and between companies. The compustat tapes
contain financial, statistical, and market information on utility and
other industrial companies. Batch programs produce the formatted
dumps. Interactive programs are run through the IBM Time Sharing Op-
tion (TSO) to select companies and data items for calculation of
ratios.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: PL/I

Host System: [xx] Mainframe: ___IBM 3081_____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Compustat files from Standard & Poor's

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 855

Agency: Public Utilities Commission of Ohio

Contact Person: Karen L. Miller

Program Acquisition and Documentation:

Some user documentation is available, but it is outdated. Permis-
sion of Utilities Department Director is needed to release program
code and/or documentation. Reproduction cost may be invoiced.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST ALLOCATION AND RATE DESIGN

PROGRAM INFORMATION

Program Description:

ICAS is a computer software application tool used to assist regulators
in developing cost allocation methodologies for rate design and analy-
sis. It has the capability to accept a complete network of cost allo-
cations with the flexibility to expand or consolidate its data base
interactively. Features: English language command structure, user-
defined accounts and cost categories, report generator, iterative
process to solve allocations, and on-line data inquiry and retrieval.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: AMDAHL 470/V8 (IBM Compatible)
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: 512K Memory

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ICAS

Agency: National Regulatory Research Institute

Contact Person: Michael Wong

Program Acquisition and Documentation:

A user's manual is available from NRRI publications: A Decision
Support System: A User's Manual for the Interactive Cost Alloca-
tion System, March 1984.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST ANALYSIS, TELEPHONE

PROGRAM INFORMATION

Program Description:

Cash flow, cost study, and tariff evaluations.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [xx] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: APPLESOFT BASIC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: APPLE II

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Quebec Public Service Board

Contact Person: Jean-Yves Fortier

Program Acquisition and Documentation:

Internal documentations exists for each program.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST OF CAPITAL

PROGRAM INFORMATION

Program Description:

Determines weighted cost of capital. Determines revenue deficiency.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                    [ ] Minicomputer: _____
                    [xx] Microcomputer: APPLE II+ _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: VisiCalc Software, printer, 5 1/4" floppy
                       disk drive.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: WCC-SHORTFORM

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation:

Program is on 5 1/4" floppy disk. Run instructions, program
listing, and description are available on request.

Application Category: Rate and Cost Analysis

COST OF CAPITAL, DCF METHOD

PROGRAM INFORMATION

Program Description:

This is an in-house program. Calculates DCF cost of capital for a
group of com- panies and produces printed output suitable for rate
case exhibits.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                    [ ] Minicomputer: _____
                    [xx] Microcomputer: HP-85

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Printer

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DCF COST OF EQUITY

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy of HP
Cartridge, HP 5 1/4" disk, or by listings.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST OF EQUITY

PROGRAM INFORMATION

Program Description:

Using the method set out by Dr. John B. Legler, the cost of common
equity is computed.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: APPLE II+

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: 5 1/4" floppy disk drive, printer, VisiCalc
                       software

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: WCC-LEG

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation:

Program on 5 1/4" floppy disk, run instruction, program listing
and description are available on request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST OF EQUITY

PROGRAM INFORMATION

Program Description:

Program is an econometric model. It is a multiple regression model to estimate the cost of equity based on market price to book value methodology.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: IBM 3380
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Uses data from COMPUSTAT data base

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Maryland Public Service Commission

Contact Person: John Grady (301) 659-6024

Program Acquisition and Documentation:

Program written and model developed by staff. Documentation not yet available.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST OF EQUITY

PROGRAM INFORMATION

    Program Description:

    Program develops log linear historical growth rates for equity share
    data.

    Utility Sector: [ ]   Electric
                      [ ]   Gas
                      [ ]   Telephone
                      [ ]   Water
                      [xx]   Multi-utility and Other

    Language: FORTRAN

    Host System: [xx]   Mainframe: _____ IBM 3380 _____
                   [ ]   Minicomputer: _____
                   [ ]   Microcomputer: _____

    Processing Mode: Batch and Interactive

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: N.A.

    Agency: Maryland Public Service Commission

    Contact Person: John Grady (301) 659-6024

    Program Acquisition and Documentation:

    Program written by staff, minimal documentation available. Hard
    copy of program is available.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE

PROGRAM INFORMATION

Program Description:

Financial model designed to compute cost-of-service for new construc-
tion projects. Using input data on construction costs, terms of
financing, rates of return, life of project, method of depreciation,
etc., the model tracks rate case, source and use of funds during
construction and operating periods. It calculates yearly cost-of-
service.

Utility Sector: [ ] Electric
                    [xx] Gas
                    [ ] Telephone
                    [ ] Water
                    [ ] Multi-utility and Other

Language: PL/I

Host System: [xx] Mainframe: ___IBM 3033___
                    [ ] Minicomputer: _____
                    [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: NEW CONSTRUCTION PROJECT COST OF SERVICE

Agency: Federal Energy Regulatory Commission

Contact Person: Thomas J. Brownfield

Program Acquisition and Documentation:

Limited documentation exists. Inquiries regarding program acqui-
sition should be directed to the Director, Division of Public
Information, FERC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE

PROGRAM INFORMATION

Program Description:

Allocates plant, expenses, and revenues to utility service
classifications. Developed by New York State Commission.

Utility Sector: [ ] Electric
                 [xx] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ___IBM 3081_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COS

Agency: North Carolina Utilities Commission

Contact Person: John Garrison

Program Acquisition and Documentation:

The documentation is not available. Anyone can acquire this
program. Limited assistance is available.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE

PROGRAM INFORMATION

Program Description:

Provides capability to perform cost-of-service studies using various
scenarios. Acquired from Price Waterhouse Company for PURPA studies.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: _____ IBM 370/168 _____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PS07COST

Agency: Nevada Public Service Commission

Contact Person: William H. Vance

Program Acquisition and Documentation: N.A.

Application Category: Rate and Cost Analyis

PROGRAM KEYWORDS: COST-OF-SERVICE

PROGRAM INFORMATION

Program Description:

Series of 4 related programs converted by Temple, Barker, & Sloane
Consultants:
  Load data analysis
  Time-of-day pricing
  Peak probability
  Megawatt hour generation
Data from FERC, PURPA §133 filings, and EEI hourly load data.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: BURROUGHS B1855
                   [ ] Minicomputer:
                   [ ] Microcomputer:

Processing Mode: Batch and Interactive

Teleprocessing Monitor: SMCS

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COSUS

Agency: Pennsylvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation: N.A.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE

PROGRAM INFORMATION

Program Description:

Program calculates total cost of service using endogenous calculations
for taxes, cost of capital, working capital allowance, etc.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                    [ ] Minicomputer: _____
                    [xx] Microcomputer: ___APPLE III_____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: 256K Memory

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Massachusetts Department of Public Utilities

Contact Person: Douglas Short

Program Acquisition and Documentation:

Programs documented by formulas showing calculations. Commissions
can acquire program by submitting blank disk, or can call to
arrange other means.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE

PROGRAM INFORMATION

Program Description:

The New York Cost Allocation model via Wisconsin. The KCC is
modifying it to be easier to handle the input and output data.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: HONEYWELL 66/60 DPS II
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: TSS

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: WISCOST

Agency: State Corporation Commission of Kansas

Contact Person: Dave Larson

Program Acquisition and Documentation:

Documentation and program are available for free.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE, ALLOCATED

PROGRAM INFORMATION

Program Description:

Adapted version of FERC model. Provides allocated cost of service for electric utility for jurisdictional separations between retail and wholesale customers.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: _____UNIVAC_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COST-OF-SERVICE

Agency: Georgia Public Service Commission

Contact Person: Elton Calder

Program Acquisition and Documentation:

Documentation conforms with FERC cost-of-service manual.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE BY CUSTOMER CLASS

PROGRAM INFORMATION

Program Description:

A model to distribute to various classes of customers their appropriate share of projected rate increases.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN

Host System: [ ] Mainframe: _____
                   [xx] Minicomputer: __PRIME 750_____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 1050

Agency: New York State Public Service Commission

Contact Person: Frank Radigan

Program Acquisition and Documentation:

Documentation is available. Will copy source code to tape for transfer. Will respond to phone calls for assistance.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE, ELECTRIC, WHOLESALE

PROGRAM INFORMATION

Program Description:

The program is used to compute the cost of service, both total utility
and as allocated to up to nine customer groups.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: _____IBM 3033_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ELECTRIC COST OF SERVICE PROGRAM

Agency: Federal Energy Regulatory Commission

Contact Person: N.A.

Program Acquisition and Documentation:

Program and documentation are available upon request to the
Commission's Division of Public Information, 825 North Capitol
Street, Washington, D.C. 20426. There is a charge.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE, EMBEDDED, CLASS AND JURISDICTIONAL

PROGRAM INFORMATION

Program Description:

Allocates cost to customer classes: residential, commercial, etc.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____ IBM 370/158 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CSSAPL

Agency: Maryland Public Service Commission

Contact Person: Barry Levi (301) 659-6026

Program Acquisition and Documentation:

Proprietary

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE, FULLY ALLOCATED

PROGRAM INFORMATION

Program Description:

The program performs an embedded cost-of-service study using utility accounting cost data and customer class allocation factors as basic inputs.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: AMDAHL 470/V8 (IBM Compatible)
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FACOS

Agency: National Regulatory Research Institute

Contact Person: Pran Paul

Program Acquisition and Documentation:

Program and documentation are available from NRRI. The name of the documentation is "The Fully Allocated Cost-of-Service (FACOS) Program User's Manual."

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE INFORMATION SYSTEM

PROGRAM INFORMATION

Program Description:

Supports the ratemaking role of the Commission coincident to the
regulation of energy utilities. Consists of an integrated set of
computer models which project the fiscal and operational charac-
teristics, requirements, and rates of a major power utility under
various economic scenarios.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [XX] Mainframe: SPERRY UNIVAC 1100/84
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COSIS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development (804)
786-4418.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST-OF-SERVICE STUDY

PROGRAM INFORMATION

Program Description:

Flexible, file-driven program produces levelized return, with demand-
energy-customer breakdown.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ___IBM 3081_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 872

Agency: Public Utilities Commission of Ohio

Contact Person: Bernard L. Baltz

Program Acquisition and Documentation:

Permission of Director of Utilities required. Documentation is
available. Cost of tape and documentation may be invoiced.

Application Category: Rate and Cost Analysis

    PROGRAM KEYWORDS: COST-OF-SERVICE, TIME DIFFERENTIATED EMBEDDED COST,
                        TIME DIFFERENTIATED MARGINAL COST

PROGRAM INFORMATION

    Program Description:

    Performs computations on time differentiated average embedded and
    marginal cost of service for electric utilities.

    Utility Sector: [xx] Electric
                     [ ] Gas
                     [ ] Telephone
                     [ ] Water
                     [ ] Multi-utility and Other

    Language: FORTRAN IV/FORTRAN V, and CCL

    Host System: [xx] Mainframe: __CDC 760_____
                     [ ] Minicomputer: _____
                     [ ] Microcomputer: _____

    Processing Mode: Batch and Interactive

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: Uses CDC Cyber Record Manager Routines

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: N.A.

    Agency: Florida Public Service Commission

    Contact Person: Administrator, Office of Information Processing

    Program Acquisition and Documentation:

    Call (904) 487-2680 or write to the Administrator of Information
    Processing for the documentation.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: COST PER KILOWATT VERSUS KILOWATT-HOUR

PROGRAM INFORMATION

Program Description:

Program #1 applies the rates to each observation by voltage level,
account, period, month, and hour. Program #2 multiplies the rates out
and summarizes each account by period. The rates are applied and
changed by tenths for comparison. The range is from all kW rate to
all kWh rate. Program #3 summarizes the rate products by account for
final comparison.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: _____ IBM 3033 _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MCR

Agency: New York State Public Service Commission

Contact Person: Mike Short

Program Acquisition and Documentation:

No documentation available. Will copy to tape for transfer. Will
respond to telephone calls for assistance.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION

PROGRAM INFORMATION

Program Description:

Standard computed mortality program used for depreciation analyses.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: IBM 370
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COMPMOR

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation: N.A.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION

PROGRAM INFORMATION

Program Description:

Simulates plant property balances using curve fitting techniques on
the Iowa Curves.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____IBM 370_____
              [ ] Minicomputer: _____
              [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: TSO

Data Base Management System: TTY Protocol Capability

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: SIMULATED PLANT BALANCES

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation: N.A.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION

PROGRAM INFORMATION

Program Description:

These two programs IOWAT and IOWAF generate yearly values for Iowa
Depreciation Curves. IOWAT uses linear interpolation with tables of
1% of life intervals. IOWAF uses textbook formulae.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: CDC CYBER 845/NOS. 1.4-522
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: IOWA CURVE GENERATION

Agency: Minnesota Department of Public Service

Contact Person: Gordon Plorin

Program Acquisition and Documentation:

No documentation required.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION

PROGRAM INFORMATION

Program Description:

Develops average service life and depreciation rate for plant accounts based on least sum-of-squares. Developed by Iowa State University.

Utility Sector: [ ] Electric
[xx] Gas
[ ] Telephone
[ ] Water
[ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____ IBM 3081 _____
[ ] Minicomputer: _____
[ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DEP

Agency: North Carolina Utilities Commission

Contact Person: John Garrison

Program Acquisition and Documentation:

The documentation is not available. Anyone can acquire this program. Limited assistance is available.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION ANALYSIS, EQUAL LIFE GROUP

PROGRAM INFORMATION

Program Description:

Step 1: Matches starting dollars, average life, and Iowa Curve type to curve data to determine survivor fraction and accrual rates. Step 2: Accrual rates are matched to actuarial data--survivors by vintage.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ___DEC-10_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: Iowa Curve Survivor Fractions

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ELG

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Program documentation and source code available upon request - can provide on 9 track EBCDIC tape.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION ANALYSIS, LIFESPAN

PROGRAM INFORMATION

Program Description:

Depreciation Analysis System. Input includes surviving investment
dollars, age, retirement data, interim retirement date, and salvage.
Output includes location life, annual accrual, future accrual,
theoretical reserve, averages, and totals.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____DEC-10_____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: NEWLFS

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Source code on 9 track EBCDIC tape available upon request.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION ANALYSIS, SIMULATED PLANT RETIREMENTS

PROGRAM INFORMATION

Program Description:

Depreciation Analysis system matches addition and retirement inputs to
Iowa Curves, giving average lives, mortality dispersions, and indexes
of variation and retirement.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____DEC-10_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: TOPS-10

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: BURNS

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Source code on 9 track EBCDIC tape available upon request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION AND LIFE ANALYSIS STUDIES,
UTILITY PLANTS AND EQUIPMENT

PROGRAM INFORMATION

Program Description:

The Depreciation and Life Analysis System (DLAS) program package is
designed to be used by individuals who have a working knowledge (1) of
depreciation methods, procedures, and techniques; and (2) of the
development and application of life and salvage analysis which are
appropriate for the straight line method and average service life--
average salvage procedure. The system consists of two subsystems, one
subsystem for actuarial analyses based on historical data and a second
subsystem for simulation analyses utilizing imaged data.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN and PL/I

Host System: [xx] Mainframe: ____IBM 3033 MP_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: DRIVER CLISTS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: Depreciation Life Analysis System (DLAS)

Agency: Federal Energy Regulatory Commission

Contact Person: William C. Anderson

Program Acquisition and Documentation:

Limited documentation does exist; however, detailed instructions
on implementation, data requirements, and layout are not clearly
defined. Inquires regarding program acquisition should be
directed to the Director, Division of Public Information, FERC.

Application Category: Rate and Cost Analysis

    PROGRAM KEYWORDS: DEPRECIATION, ELECTRIC, GAS, WATER, COMMUNICATION

PROGRAM INFORMATION

    Program Description:

    Calculates accelerated versus straight line depreciation and passes
    tax benefits on to ratepayers. Nine variables entered prior to exe-
    cute time (7 of 9 variables can change for each year of the study) -
    study years to 50, extend to 99 years.

    Utility Sector: [ ] Electric
                       [ ] Gas
                       [ ] Telephone
                       [ ] Water
                       [xx] Multi-utility and Other

    Language: FORTRAN

    Host System: [xx] Mainframe: UNIVAC 1182
                       [ ] Minicomputer: _____
                       [ ] Microcomputer: _____

    Processing Mode: Interactive

    Teleprocessing Monitor: TIP

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: BFUI/WGLPF

    Agency: Pennsylvania Public Utility Commission

    Contact Person: MIS Chief

    Program Acquisition and Documentation: N.A.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION, GEOMETRIC MEAN ANALYSIS

PROGRAM INFORMATION

Program Description:

Determines an average service life approximation by account from addition, retirement, and balance data.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____DEC-10_____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: GEMEAN

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Program documentation and source code on 9 track EBCDIC tape available upon request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION, LEAST SQUARES PLANT LIFE CURVE FITTING

PROGRAM INFORMATION

Program Description:

This program finds the Iowa Curve type and average service life which best represent the observed survivor data for a utility company plant account. Least-squares curve fitting is used. The observed survivor data is input and then fitted to the standard Iowa Survivor Curves. The best-fit Iowa Survivor Curve calculated by the program is the one which generates the lowest sum of the squared residuals.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____IBM 3081_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Uses disk file containing Iowa Survivor
                       Curve data

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 864

Agency: Public Utilities Commission of Ohio

Contact Person: Karen L. Miller

Program Acquisition and Documentation:

Both user and programmer documentation are available. Permission of the Utilities Department Director is needed to release program code and/or documentation. Cost of providing copies of documentation and program source may be invoiced.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION, MORTALITY OR RETIREMENT RATE METHOD

PROGRAM INFORMATION

Program Description:

The program uses survivors and retirements by account by vintage from
selected start date and computes and prints out percentage surviving
by age of plant. Results are plotted and compared with Iowa Curves
and average service life selected from best fit. Survivor and retire-
ment data by year, for each vintage from year selected to initiate
study through year selected to end study, is essential.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: UNIVAC 1108
                   [ ] Minicomputer:
                   [ ] Microcomputer:

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 1060

Agency: Maryland Public Service Commission

Contact Person: James Wishart

Program Acquisition and Documentation: N.A.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION SALVAGE ANALYSIS

PROGRAM INFORMATION

Program Description:

An IBM PL/1 program calculates gross salvage, cost of removal, and net salvage as percentages of retirements using historical dollar amounts. This program also creates a data file with results to be graphed. The data file is graphed using a DEC-20 Fortran program with Plot-10 graphics software.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: FORTRAN and PL/I

Host System: [xx] Mainframe: _____IBM 3081, DEC-20_____
                    [ ] Minicomputer: _____
                    [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Uses Plot-10 graphics software and interfaces
                       with Tektronix graphics equipment

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 862

Agency: Public Utilities Commission of Ohio

Contact Person: Karen L. Miller

Program Acquisition and Documentation:

Documentation is not available. Permission of the Utilities Department Director is needed to release program code documentation. Cost of providing copies of documentation and program source code may be invoiced.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DEPRECIATION STUDIES, TELEPHONE

PROGRAM INFORMATION

Program Description:

This system is a set of automated applications which are used in the
evaluation of common carrier depreciation methods and schedules. It
involves numerous and extensive studies, statistical and graphical
analyses of common carrier mortality; and salvage data, for the deter-
mination and evaluation of depreciation rates.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [xx] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN and BASIC

Host System: [xx] Mainframe: ___HONEYWELL 66/60___
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Tektronix graphics terminal 4113A and plotter
                       4662 w/option 31 are used for some programs.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CPL 001 DEPRECIATION STUDIES

Agency: Federal Communications Commission

Contact Person: Adrianne F. Brent

Program Acquisition and Documentation:

Some of the programs in this system have users guides but only one
contains (limited) programmer's documentation. Several state pub-
lic utility commissions have already received card decks for a few
of the programs. This could be repeated. Electronic transfer via
telephone or tapes could be tried, but card decks are preferred.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DISCOUNTED CASH FLOW

PROGRAM INFORMATION

   Program Description:

   Calculates historical growth per share, measures and presents them in
   tabular form.

   Utility Sector: [ ] Electric
                      [ ] Gas
                      [ ] Telephone
                      [ ] Water
                      [xx] Multi-utility and Other

   Language: PL/I

   Host System: [xx] Mainframe: __IBM 3081 MODEL D_____
                      [ ] Minicomputer: _____
                      [ ] Microcomputer: _____

   Processing Mode: Batch

   Teleprocessing Monitor: N.A.

   Data Base Management System: N.A.

   Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

   Program Identification: DCF

   Agency: Connecticut Department of Public Utility Control

   Contact Person: Groves J. Byers

   Program Acquisition and Documentation:

   Documentation and PL/I code are available upon request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: DISCOUNTED CASH FLOW, NATURAL GAS WELLS

PROGRAM INFORMATION

Program Description:

Program performs discounted cash flow analysis for natural gas wells. Inputs can be production, liquid revenue, pre-production revenue, operating expenses, salvage value, etc. The program calculates the price to be charged per unit of production and performs a proof using the price calculated to show the sum of the discounted cash flow approaches zero. Output is up to an eight-page report with footnotes for each column. Input procedure is interactive, through CRT terminals.

Utility Sector: [ ] Electric
                [xx] Gas
                [ ] Telephone
                [ ] Water
                [ ] Multi-utility and Other

Language: PL/I and SPF

Host System: [xx] Mainframe: ___IBM 3033___
             [ ] Minicomputer: _____
             [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TSO/SPF

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DCF

Agency: Federal Energy Regulatory Commission

Contact Person: William F. Greene

Program Acquisition and Documentation:

No documentation exists. Inquiries regarding program acquisition should be directed to the Director, Division of Public Information, FERC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCE

PROGRAM INFORMATION

Program Description:

This listing covers numerous programs written in SAS which are con-
stantly created and/or modified in order to analyse the financial data
pertinent to any given case. A number of these programs produce gra-
phics, while some produce tables.

Utility Sector: [ ] Electric
                     [ ] Gas
                     [ ] Telephone
                     [ ] Water
                     [xx] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: _____ IBM 3081 _____
                     [ ] Minicomputer: _____
                     [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: N.A.

Special Requirements: SAS and IBM Color Printer

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COMPUSTAT DATA MANIPULATION

Agency: Indiana Public Service Commission

Contact Person: Wayne L. Lash, Chief Economist:
                 Economics & Finance Department

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Wayne L. Lash, Chief Economist/Director of Data Processing:
Economics & Finance Department at (317) 232-2746.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL COMPARISON, ELECTRIC, FERC FORM 1

PROGRAM INFORMATION

Program Description:

This data base contains financial data for the 204 Class A and B pri-
vately owned US electric utilities for years 1971-1980. There are
seven major files, each corresponding to a section of the "Form 1"
filed yearly by each utility--Balance Sheet, Income Statement,
Operating Revenues, Operating and Maintenance Expenses, Physical
Quantities, and Utility Plant and Changes in Financial Position. This
system compares the performance of NYS utilities to the utilities
contained in the data base

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe:_____IBM 3033_____
                  [ ] Minicomputer:_____
                  [ ] Microcomputer:_____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: UM

Agency: New York State Department of Public Service

Contact Person: Carmela Turpin

Program Acquisition and Documentation:

Documentation, at this point, consists of lists of variable de-
scriptions and available utility codes. Will copy source code to
tape for transfer and respond to telephone calls for assistance.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL DATA BANK, UTILITY

PROGRAM INFORMATION

Program Description:

Edits and stores data from annual financial reports submitted by sig-
nificant companies (class A and B). Provides report generating facil-
ities through which user defines reports and calculations desired.
Provides for retaining defined reports and automatic redefinition for
succeeding years.

Utility Sector: [ ] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [xx] Multi-utility and Other

Language: COBOL and MARK IV

Host System: [xx] Mainframe: IBM 3033
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: MARK IV

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: UD

Agency: New York State Public Service Commission

Contact Person: Robert McNulty

Program Acquisition and Documentation:

Documentation is available. Will copy source code to tape for
transfer. Will respond to phone call for assistance.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL DATA BASE

PROGRAM INFORMATION

Program Description:

This file contains financial data on small utilities in Indiana.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DATA FILE

Host System: [xx] Mainframe: ___IBM 3081_____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: Small Utility Data Base

Agency: Indiana Public Service Commission

Contact Person: Tom Hsiao, Utility Analyst:
                 Economics & Finance Department

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Wayne L. Lash, Chief Economist/Director of Data Processing:
Economics & Finance Department at (317) 232-2746.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL DATA SUMMARIES SYSTEM FOR INDUSTRIES

PROGRAM INFORMATION

Program Description:

Calculates various financial ratios and statistics for industries.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: N.A.

Host System: [xx] Mainframe: IBM 3081
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: IFDSS

Agency: North Carolina Utilities Commission

Contact Person: Cathy Hsu

Program Acquisition and Documentation:

The documentation is not available. Anyone can acquire this
program. The staff will provide punched cards, program listing,
and test run result.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL DATA, TELECOMMUNICATION

PROGRAM INFORMATION

Program Description:

This system records financial data for federally-regulated telecommunications carriers. The information can be analyzed to determine rates of return on investments, and to compare carriers, etc.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: FORTRAN, COBOL, and PL/I

Host System: [xx] Mainframe: IBM 380x (OS/MVS)
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TELECOMMUNICATIONS INFORMATION &
                         REGULATORY SYSTEM

Agency: Canadian Radio-television and Telecommunications Comm.

Contact Person: Mr. Jerry Olesnyckyj, Chief of Computer Services
                 Division (819) 994-1292

Program Acquisition and Documentation:

Financial data is confidential and as such cannot be released on an individual basis to people outside the Canadian Radio-television and Telecommunications Commission.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL INFORMATION

PROGRAM INFORMATION

Program Description:

Provides a summary of selected values used in the weighted cost of
capital analysis. These values are determined from summary financial
information about the company and about the regulated industry.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                    [ ] Minicomputer: _____
                    [xx] Microcomputer: APPLE II+

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: VisiCalc, printer, 5 1/4" floppy disk

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FIN INFO

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation:

5 1/4" floppy disk, program listing, run instructions and descrip-
tion are available on request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL, REGULATORY ANALYSIS

PROGRAM INFORMATION

Program Description:

Regulatory analysis model (RAm). Computes alternative approaches to revenue requirements and cost-of-service activity of the utility corporations, includes regression analysis and ten-year forecasting.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ___IBM 3081___
              [ ] Minicomputer: _____
              [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: TSO

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 853

Agency: Public Utilities Commission of Ohio

Contact Person: Bernard L. Baltz

Program Acquisition and Documentation:

Permission of Director of Utilities Department required.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL, REGULATORY ANALYSIS

PROGRAM INFORMATION

Program Description:

Regulatory Analysis Financial Model (RAM) is used for forecasting the results of operation for various electric utilities.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN66

Host System: [xx] Mainframe: ___SPERRY 1100/70___
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 835.01

Agency: California Public Utilities Commission

Contact Person: Richard A. Hieta

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should be directed to the Executive Director, CPUC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL, REGULATORY ANALYSIS

PROGRAM INFORMATION

Program Description:

The program gives financial projections for an electric utility. The
output from the program consists of historical and projected income,
balance sheets, sources and uses of funds, operations and maintenance
projections, and regression summaries.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: AMDAHL 470/V8 (IBM Compatible)
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RAm

Agency: National Regulatory Research Institute

Contact Person: Pran Paul

Program Acquisition and Documentation:

Program and user's manual are available from NRRI.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL SOLUTION

PROGRAM INFORMATION

Program Description:

This is a vendor supplied package. Provides solutions for: 1) com-
pound interest and loan amortization; 2) discounted cash flow
analysis; 3) depreciation (various methods); 4) simple interest and
interest conversions; 5) bonds and notes (prices and yields);
(6) break-even analysis; and 7) odd days interest.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: __HP-85_____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FINANCIAL DECISIONS PAC

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy on HP
cartridge, HP 5 1/4" disc or by listings.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL STATEMENTS

PROGRAM INFORMATION

Program Description:

The Financial Information Model (FIN) is a financial analysis model
that constructs up to fifteen years of pro forma financial statements
for a utility given a set of assumptions or projections concerning de-
mand, capital expenditures, operating expenses, and financial and reg-
ulatory policies. FIN enables the analyst to quickly and accurately
measure the long term impact of a proposed change in regulatory pol-
icy, accounting policy, capital expenditure, or asset divestiture on
revenue requirements and financial condition of a regulated company

Utility Sector: [ ]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [xx]   Multi-utility and Other

Language: BASIC

Host System: [ ]   Mainframe: _____
                  [ ]   Minicomputer: _____
                  [xx]   Microcomputer: ____VECTOR 3_____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FIN

Agency: Maryland Public Service Commission

Contact Person: Jeffrey B. Bowling (301) 659-2878

Program Acquisition and Documentation:

The Maryland PSC will be happy to discuss the system with
interested parties, but any Commission wishing to acquire FIN
should contact Dr. Mark S. Gerber at 1357 West Lane Avenue,
Columbus, Ohio 4322, (614) 486-6711.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FINANCIAL SUMMARIES, FIVE YEAR

PROGRAM INFORMATION

Program Description:

Five year financial summaries - Extract

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN66

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 801.04

Agency: California Public Utilities Commission

Contact Person: Mary Ann Calantropio

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FUEL CHARGE CALCULATION

PROGRAM INFORMATION

    Program Description:

    Program takes historical fuel cost data and forecast fuel costs and
    calculates appropriate fuel charge.

    Utility Sector: [xx] Electric
                       [ ] Gas
                       [ ] Telephone
                       [ ] Water
                       [ ] Multi-utility and Other

    Language: VISICALC

    Host System: [ ] Mainframe: _____
                       [ ] Minicomputer: _____
                       [xx] Microcomputer: APPLE III

    Processing Mode: Interactive

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: N.A.

    Agency: Massachusetts Department of Public Utilities

    Contact Person: Douglas Short

    Program Acquisition and Documentation:

    Program is documented by formulas showing calculation. Commis-
    sions can acquire program by submitting blank disk, or can call to
    arrange other means.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: FUEL PURCHASE PRACTICES, ELECTRIC UTILITY

PROGRAM INFORMATION

Program Description:

This data base consists of information filed by utilities in response
to Commission Docket IN79-6, pertaining to utility fuel purchase
practices.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3033
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: IN79-6

Agency: Federal Energy Regulatory Commission

Contact Person: Bill Wheelock

Program Acquisition and Documentation:

Requests for copies of the documentation should be made to the
Commission's Division of Public Information.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: INCREMENTAL COSTS, LAMBDA, LOAD FACTORS

PROGRAM INFORMATION

Program Description:

The Marginal Cost Studies system uses an extensive, long-term data
base, constructed with load factors and systems lambdas from all elec-
tric companies and the power pool, to investigate the relationship
between costs and revenues for power companies. Based on the theory
of incremental costs, the programs represent some of the most sophis-
ticated research in this field.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: IBM 3033
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: SAS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MCR

Agency: New York State Public Service Commission

Contact Person: Peter Holmberg

Program Acquisition and Documentation:

No documentation is available. Will copy source code to tape for
transfer. Will respond to telephone calls for assistance.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: LABOR COSTS

PROGRAM INFORMATION

Program Description:

Prevailing wages (labor costs) - Update, list

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN66

Host System: [xx] Mainframe: SPERRY 1100/70
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 301.01

Agency: California Public Utilities Commission

Contact Person: George J. Parras

Program Acquisition and Documentation:

Documentation available. Requests for program acquisiton should
be directed to the Executive Director, CPUC.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: LOAD FACTORS, RATE, IMPACT ON

PROGRAM INFORMATION

Program Description:

This program computes the percent change to customers of various load factors between the present rate and a proposed rate.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: Z-BASIC

Host System: [ ]   Mainframe: _____
                  [ ]   Minicomputer: _____
                  [xx]   Microcomputer: ZENITH Z-100

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: MS-DOS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: IMPACT

Agency: State Corporation Commission of Kansas

Contact Person: David Larson

Program Acquisition and Documentation:

Program and documentation are available for free.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: MARGINAL COST ANALYSIS

PROGRAM INFORMATION

Program Description:

These three programs generate marginal cost curves. They operate in conjunction with the PCS model.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____ UNIVAC 1108 _____
              [ ] Minicomputer: _____
              [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PRETERB/LANBDA/MARGIE

Agency: Maryland Public Service Commission

Contact Person: Anthony Fest (301) 659-6023

Program Acquisition and Documentation:

Part of Cost-of-Service Information System (COSIS), acquired from Temple, Barker & Sloane consulting firm (Lexington, Massachusetts).

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: MARGINAL COST FORECAST, ELECTRIC UTILITY

PROGRAM INFORMATION

Program Description:

Using the historical shape of load duration curves and projected peak
demands, this program calculates the expected generation by plant to
meet the expected load pattern. A probabilistic method is used to
simulate forced outages. Using projected fuel costs, the expected
cost of generation is calculated.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: IBM 3081
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MARC

Agency: Public Utilities Commission of Ohio

Contact Person: Bernard L. Baltz

Program Acquisition and Documentation:

Permission of Director of Utilities Department required. Cost of
providing source code and documentation may be invoiced.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: MARGINAL COST, ELECTRICITY

PROGRAM INFORMATION

Program Description:

The program estimates the long-run marginal cost of electricity on a
yearly basis using the (1) forecasted generation, (2) transmission,
(3) distribution, (4) running costs, and (5) load data of a utility as
input.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: __AMDAHL 470/V8 (IBM Compatible)__
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MARGINALCOST

Agency: National Regulatory Research Institute

Contact Person: Pran Paul

Program Acquisition and Documentation:

Program and documentation are available from NRRI. The name of
the user's manual is "A User's Manual for MARGINALCOST."

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: MARGINAL PRICING, ELECTRICITY

PROGRAM INFORMATION

Program Description:

MEMCOM is a probabilistic model for calculating marginal electricity generation costs for economically dispatched plants. Input requirements are plant information and hourly load forecasts. The program allows for two monthly maintenance periods, run-of-river and pondage hydro, peak and off-peak hours, and accuracy checks. Output includes peak and off-peak marginal costs, fuel and variable O&M costs, plant running times, and loss-of-load probabilities.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN (M77)

Host System: [xx] Mainframe: CDC CYBER 170/845
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MINNESOTA ELECTRICAL MARGINAL MODEL:
                         MEMCOM

Agency: Minnesota Department of Public Service

Contact Person: Gordon Plorin and Allen Krug

Program Acquisition and Documentation:

MEMCOM was written to follow the general flow of NERA's COSIMO program and their documentation describes the input values. However, the theory and programmming have been extensively modified for accuracy and speed. Documentation for these changes is available from MNDPS.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: OPERATION AND MAINTENANCE COSTS

PROGRAM INFORMATION

Program Description:

The program uses selected operating data to estimate future utility
operation and maintenance costs.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: IBM 3033
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: OMCOST

Agency: Federal Energy Regulatory Commission

Contact Person: Bill Wheelock

Program Acquisition and Documentation:

Documentation is available by request through the Commission's
Division of Public Information.

Application Category: Rate and Cost Analysis

   PROGRAM KEYWORDS: OPERATION/MAINTENANCE RATIOS, CORPORATE MODELS

PROGRAM INFORMATION

   Program Description:

   This SIR data base is designed to store and retrieve historical or
   projected state and FERC annual report data for regulated utilities
   under the uniform system of accounts. Gas, electric, and telephone
   companies can be handled separately or combined. Various types of
   simple analysis can be performed on the stored data. FAS is intended
   to be the data front end of an analytical corporate model which has
   yet to be completed. However, it can stand alone.

   Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

   Language: SCIENTIFIC INFORMATION RETRIEVAL

   Host System: [xx] Mainframe: CDC CYBER 845/NOS 1.4-522
                     [ ] Minicomputer: _____
                     [ ] Microcomputer: _____

   Processing Mode: Batch and Interactive

   Teleprocessing Monitor: N.A.

   Data Base Management System: SCIENTIFIC INFORMATION RETRIEVAL (SIR)
                                 version 2.1.1

   Special Requirements: 9 track magnetic tape drive is almost essential

ACQUISITION AND ADDITIONAL INFORMATION

   Program Identification: FINANCIAL ANALYSIS SYSTEM (FAS)

   Agency: Minnesota Department of Public Service

   Contact Person: Dr. Alan Miner (612) 296-8495

   Program Acquisition and Documentation:

   User manual and magnetic tape copy available at reproduction cost.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: PLANT CONSTRUCTION COSTS

PROGRAM INFORMATION

Program Description:

The program uses selected financial data to estimate the cost of
constructing a new power plant

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____ IBM 3033 _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CONCEPT V

Agency: Federal Energy Regulatory Commission

Contact Person: Bill Wheelock

Program Acquisition and Documentation:

Documentation is available by request through the Commission's
Division of Public Information.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: POSTAL SERVICE COST FORECASTING MODEL

PROGRAM INFORMATION

Program Description:

Starts with a "base year" cost matrix composed of 50 mail categories (rows) and 200 cost categories (columns). Calculates one or more future year cost matrices based on inputs dealing with forecasted changes in cost levels, volumes, length of work year, and labor productivity.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: FORTRAN

Host System: [ ] Mainframe: _____
                [ ] Minicomputer: _____
                [xx] Microcomputer: RADIO SHACK MODEL II

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ROLL-FORWARD MODEL

Agency: Postal Rate Commission

Contact Person: Charles McBride

Program Acquisition and Documentation:

Available on 9 track tape from Commission Docket Room. Documented in "Docket No. R80-1 Opinion and Recommended Decision," Appendix E, February 19, 1981.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: POWER BILL COMPUTATION

PROGRAM INFORMATION

Program Description:

A power bill computation covering most aspects of rate structures, including energy and demand, hours use, minimum charge, customer surcharge, summer surcharge, fuel, and other adjustments. Seasonal or time-of-day rates included; comparison of 2 or 3 rate structures, including percent of change, available.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: FORTRAN and CPL

Host System: [ ] Mainframe: _____
                  [xx] Minicomputer: PRIME 750 _____
                  [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: PT-45

Data Base Management System: N.A.

Special Requirements: Runs on a Prime 50-series computer only

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PB

Agency: New York State Public Service Commission

Contact Person: Michael B. Short

Program Acquisition and Documentation:

Limited documentation available. Will copy source code to tape for transfer. Will respond to phone calls for assistance.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: POWER VALUES

PROGRAM INFORMATION

Program Description:

The program uses selected utility data to assess the cost of energy produced by the system.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: IBM 3033
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: HYDROP 35

Agency: Federal Energy Regulatory Commission

Contact Person: Bill Wheelock

Program Acquisition and Documentation:

Documentation is available by request through the Commission's Division of Public Information.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: PRODUCTION COST

PROGRAM INFORMATION

Program Description:

Production Cost Model (PURPA) - Calculates, lists

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: FORTRAN77

Host System: [xx] Mainframe: SPERRY 1100/70
                    [ ] Minicomputer:
                    [ ] Microcomputer:

Processing Mode: N.A

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 652.01

Agency: California Public Utilities Commission

Contact Person: George J. Parras

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: PRODUCTION COST ANALYSIS

PROGRAM INFORMATION

Program Description:

PCS estimates total system production costs. It requires running cost and operating data for each unit, as well as projected load duration curves. DISPATCH calculates an economic loading order for input into PCS.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: UNIVAC 1108
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PCS & DISPATCH

Agency: Maryland Public Service Commission

Contact Person: Anthony Fest (301) 659-6023

Program Acquisition and Documentation:

Part of Cost-of-Service Information System (COSIS), acquired from Temple, Barker & Sloane consulting firm (Lexington, Massachusetts).

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: PRODUCTION COST, ELECTRIC

PROGRAM INFORMATION

Program Description:

Model use selected utility operating data to project future production
costs.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ____IBM 3033____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: POWRSYM V-49

Agency: Federal Energy Regulatory Commission

Contact Person: Bill Wheelock

Program Acquisition and Documentation:

Documentation is available by request through the Commission's
Division of Public Information.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: PRODUCTION COST, ELECTRIC

PROGRAM INFORMATION

Program Description:

Electric Production Costing Model

Utility Sector: [xx]   Electric
                   [ ]   Gas
                   [ ]   Telephone
                   [ ]   Water
                   [ ]   Multi-utility and Other

Language: FORTRAN IVG1

Host System: [xx]   Mainframe: _____IBM_____
                [ ]   Minicomputer: _____
                [ ]   Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: FORTRAN IVG1 Capability

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: POWERSYM

Agency: Illinois Commerce Commission

Contact Person: Roy Buxton and John Hasselbring

Program Acquisition and Documentation:

Acquired from the Tennessee Valley Authority.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: PRODUCTION COST, MONTECARLO, ELECTRIC

PROGRAM INFORMATION

Program Description:

Monte Carlo Electric Energy Production Costing Model

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN MICROSOFT

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: ALTOS (8 Bit), IBM (16 Bit)

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: PURCHASE MODEL, CPM/64K (8 Bit), DOS 2.0 and
                       128K (16 Bit)

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ENPRO

Agency: Illinois Commerce Commission

Contact Person: Roy Buxton

Program Acquisition and Documentation:

To acquire contact ENTEC, 4316 Hill Crest Circle, Madison, WI
53705, (608) 233-3313.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: PRODUCTION COST SIMULATION

PROGRAM INFORMATION

Program Description:

The program simulates the operation of generating units of an electric
utility for a one year period using the probabilistic simulation
method. The simulation estimates the loss-of-load probability as a
reliability measure as well as generating costs under various classi-
fications.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: AMDAHL 470/V8 (IBM Compatible)
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PCS-A2

Agency: National Regulatory Research Institute

Contact Person: Pran Paul

Program Acquisition and Documentation:

Program and user's manual are available from NRRI. The name of
the user's manual is "User's Manual for the PCS (Production Cost
Simulation) Program Version A2."

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: PRODUCTION COST SIMULATION

PROGRAM INFORMATION

Program Description:

The NRRI version of PCS converted to Honeywell. Added two features.
First, a module to sort the unit data by on-line date was provided.
Second, the output reports were modidifed to handle a purchased power
category.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: HONEYWELL 66/60 DPS II
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: TSS

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PCS

Agency: State Corporation Commission of Kansas

Contact Person: Dave Larson

Program Acquisition and Documentation:

Documentation and program are available for free.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: PRODUCTION COST SYSTEM

PROGRAM INFORMATION

Program Description:

Supports Commission in its ratemaking role and its role in determining
fuel cost adjustments coincident to regulation of energy utilities.
Its projections capability allows simulation of the operation and
resulting cost of power production facilities at unit, system, plant,
and company levels. Its tracking capability provides automated record
of actual characteristics and costs of the operation of power produc-
tion facilities at the same levels. System is responsive to both sen-
sitivity analysis and exception loading techniques.

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: SPERRY UNIVAC 1100/84
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PCS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at (804)
786-4418.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE CASE SUMMARY

PROGRAM INFORMATION

Program Description:

Prints separate summary schedules. Calculates rate base, revenue
deficiency, cash working capital, amount of return, rate of return,
revenue by class of service, and loan protections for electric
co-operatives.

Utility Sector: [xx]   Electric
                   [ ]   Gas
                   [ ]   Telephone
                   [ ]   Water
                   [ ]   Multi-utility and Other

Language: SUPERCALC

Host System: [ ]   Mainframe: _____
                   [ ]   Minicomputer: _____
                   [xx]   Microcomputer: OSBORNE I _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Oklahoma Corporation Commission

Contact Person: V. R. Ekstrom

Program Acquisition and Documentation:

System and user documentation written as part of systems develop-
ment process(s) are available.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE CLASSIFICATION SCHEDULES

PROGRAM INFORMATION

Program Description:

This application is used in conjunction with the development of rate
design analysis.   Schedules of various rate classifications are pro-
duced that exhibit the distribution of revenue bases on expected use.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: VISICALC

Host System: [ ]   Mainframe: _____
                  [ ]   Minicomputer: _____
                  [xx]   Microcomputer: APPLE II-E

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Apple II-E microcomputer utilizing VisiCalc

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RATE DESIGN

Agency: New Jersey Board of Public Utilities

Contact Person: Henry Rich

Program Acquisition and Documentation:

Not available until mid-1984.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE OF RETURN

PROGRAM INFORMATION

Program Description:

This is a graphics generation program depicting the adjusted year and
rate base and the per-book average rate base for specific utility
companies over a 12-month period.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: dBASE II, FORTRAN IV, and CCL

Host System: [xx] Mainframe: CDC 760 (GRAPHS)
                  [ ] Minicomputer: _____
                  [xx] Microcomputer: XEROX 1618 (INPUT)

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: dBASE II

Special Requirements: Florida State University's FORTRAN IV Plotting
                       Package

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Florida Public Service Commission

Contact Person: Administrator, Office of Information Processing

Program Acquisition and Documentation:

Call (904) 487-2680 or write to the Administrator of Information
Processing for the documentation.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE OF RETURN ANALYSIS

PROGRAM INFORMATION

Program Description:

Calculates rate of return or implicit cost rates for common equity
given a company's capital structure and embedded cost rates for senior
capital, and presents the rate of return and capital structure options
in tabular form.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: VSBASIC

Host System: [xx] Mainframe: IBM 3081 MODEL D
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: VROR

Agency: Connecticut Department of Public Utility Control

Contact Person: Groves J. Byers

Program Acquisition and Documentation:

Documentation and VSBASIC code are available upon request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE OF RETURN ANALYSIS AND REPORT WRITING

PROGRAM INFORMATION

Program Description:

The Rate Case Exhibit System (RCES) is an analytical tool that is
designed to assist in the evaluation of rate case test year revenue
and expense adjustments, rate base adjustments, and rate of return or
return on equity. The system permits the user to vary the adjustment
amounts or rate of return to determine the associated incremental and
total revenues. In addition, RCES produces rate of return analysis,
income, working capital, rate case, attrition analysis, and adjustment
summary exhibits.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                  [ ] Minicomputer: _____
                  [xx] Microcomputer: ___VECTOR 3_____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RCES

Agency: Maryland Public Service Commission

Contact Person: Jeffrey B. Bowling (301) 659-2878

Program Acquisition and Documentation:

The Maryland PSC will be happy to discuss the system with
interested parties, but any Commission wishing to acquire RCES
should contact Dr. Mark S. Gerber at 1357 West Lane Avenue,
Columbus, Ohio 43221, (614) 486-6711.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE OF RETURN ANALYSIS, UNITIZED

PROGRAM INFORMATION

Program Description:

This application is used in conjunction with the development of rate
design analysis. Schedules are produced that compute the rate of
return for proposed rate increases for particular electric utilities.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: APPLE II-E

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: Apple II-E microcomputer with VisiCalc

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: UNITIZED RATE OF RETURN ANALYSIS

Agency: New Jersey Board of Public Utilities

Contact Person: Henry Rich

Program Acquisition and Documentation:

Not available until mid-1984.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE OF RETURN, DATA BASE

PROGRAM INFORMATION

Program Description:

This data base contains approximately 100 financial items for the 175
public utilities (natural gas, electric, and telecommunications).
Data tapes are first sorted to select the utilities from 1800 com-
panies included on the data tape. The relevant financial variables
are then loaded into a SIR data base designed to aid rate of return
analysis. Finally, SIR programs are used to retrieve data, calculate
financial ratios and create either (1) a Fortran format file for fur-
ther data analysis or (2) an SPSS format file for report generation.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: SCIENTIFIC INFORMATION RETRIEVAL/SPSS

Host System: [xx] Mainframe: CDC CYBER 855, NOS 1.4-552
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: SCIENTIFIC INFORMATION RETRIEVAL (SIR)
                               Version 2.1.1

Special Requirements: 9 Track Tape Drive

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: VALUE LINE UTILITY DATA BASE

Agency: Minnesota Department of Public Service

Contact Person: William Towery

Program Acquisition and Documentation:

Copies of SIR Schema and Retrieval Programs, and SPSS Report Gene-
rator programs as well as a more detailed description of the sys-
tem can be obtained from Minnesota Department of Public Service.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE SPREAD, ELECTRIC

PROGRAM INFORMATION

Program Description:

Rate spread, electric - Creates file

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: FORTRAN 66

Host System: [xx] Mainframe: SPERRY 1100/70
                  [ ] Minicomputer:
                  [ ] Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 653.01

Agency: California Public Utilities Commission

Contact Person: Norma J. Kristovich

Program Acquisition and Documentation:

Documentaion available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE SPREAD, ELECTRIC, LIST

PROGRAM INFORMATION

Program Description:

Rate spread, electric - lists

Utility Sector: [xx] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: COBOL68

Host System: [xx] Mainframe: SPERRY 1100/70
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 646.01

Agency: California Public Utilities Commission

Contact Person: Norma J. Kristovich

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATE SPREAD, GAS

PROGRAM INFORMATION

Program Description:

Rate spread, gas - Creates files, sorts, lists

Utility Sector: [ ] Electric
                 [xx] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL68, FORTRAN66, and FORTRAN77

Host System: [xx] Mainframe: __SPERRY 1100/70__
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 626.01

Agency: California Public Utilities Commission

Contact Person: Norma J. Kristovich

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RATING PERIOD DETERMINATION

PROGRAM INFORMATION

    Program Description:

    Utilizing EEI load data, performs statistical analyses to determine
    rating periods, load shapes, and various other groupings of related
    load data such as frequency of occurrence.

    Utility Sector: [xx] Electric
                     [ ] Gas
                     [ ] Telephone
                     [ ] Water
                     [ ] Multi-utility and Other

    Language: COBOL

    Host System: [xx] Mainframe: IBM 370/168
                     [ ] Minicomputer: _____
                     [ ] Microcomputer: _____

    Processing Mode: Batch and Interactive

    Teleprocessing Monitor: TSO

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: PS04

    Agency: Nevada Public Service Commission

    Contact Person: William H. Vance

    Program Acquisition and Documentation: N.A.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RETURN ON EQUITY

PROGRAM INFORMATION

Program Description:

Modeled from the testimony of Dr. Eugene F. Brigham, this system
utilizes both the risk premium and the discounted cash flow methods,
including flotation cost, to estimate the fair rate on common equity.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                  [ ] Minicomputer: _____
                  [xx] Microcomputer: APPLE II+ _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: VisiCalc, 5 1/4" floppy drive, and printer

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: WCC BRIG

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation:

Program on 5 1/4" floppy disk. Run instructions, program listing
and description available upon request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: RETURN ON EQUITY

PROGRAM INFORMATION

Program Description:

Through the use of financial data supplied by a power company, deter-
mines the return on equity on an annualized basis. Also determines
whether this return is within 13.5%-15%. If outside this range, an
increase or decrease in rates is implemented. This rate change is
applied to all rate classes.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: APPLE II+ _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: 132 Column Printer, Applesoft BASIC, and
                        5 1/4" floppy disk

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RSEMOD

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation:

Program listing, program and narrative description available on
request. No run instructions are needed. Program is fully
prompted.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: REVENUE BY MINIMUM RATE TARIFF

PROGRAM INFORMATION

Program Description:

Revenue by minimum rate tariff - Updates, extracts, sorts, lists

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL68, COBOL74, and FORTRAN77

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 330.02

Agency: California Public Utilities Commission

Contact Person: Mary Ann Calantropio

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: REVENUE IMPACT OF RATE CHANGE, INDUSTRIAL

PROGRAM INFORMATION

Program Description:

Present rates and proposed rates for industrial customers are applied on an equal basis. Therefore, the system determines the impact on projected revenues of changes in rates.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: APPLE II+

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: VisiCalc software, printer, and 5 1/4" floppy
                       disk drive

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ERA-IND

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation:

Program is on 5 1/4" floppy disk. Run instructions, program listing, and description available on request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: REVENUE IMPACT OF RATE CHANGE, RESIDENTIAL

PROGRAM INFORMATION

Program Description:

Present rates and proposed rates for residential customers are applied
on an equal basis. Therefore, the system determines the impact on
projected revenues of changes in rates.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: APPLE II+ _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: VisiCalc software, printer, and 5 1/4" floppy
                       disk drive

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ERA-RES

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation:

Program is on 5 1/4" floppy disk. Run instructions, program
listing, and description available on request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: REVENUE REQUIREMENT ANALYSIS

PROGRAM INFORMATION

Program Description:

This application is used in conjunction with the development of rate
case analysis. Worksheets are produced that determine the revenue
requirements that a utility company would be entitled to recover under
certain rate schedules.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: VISICALC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: APPLE II-E

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Apple II-E microcomputer with VisiCalc

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: REVENUE REQUIREMENTS

Agency: New Jersey Board of Public Utilities

Contact Person: Gerald Tobia

Program Acquisition and Documentation: N.A.

Application Category:　Rate and Cost Analysis

PROGRAM KEYWORDS:　REVENUE REQUIREMENTS UNDER CWIP AND AFUDC

PROGRAM INFORMATION

Program Description:

This program is to calculate the total revenue requirements under CWIP and AFUDC based on certain assumptions.　The present values under the two methods are also calculated.

Utility Sector:　[xx]　Electric
　　　　　　　　[　]　Gas
　　　　　　　　[　]　Telephone
　　　　　　　　[　]　Water
　　　　　　　　[　]　Multi-utility and Other

Language:　PL/I

Host System:　　[xx]　Mainframe:　　IBM 3081
　　　　　　　　[　]　Minicomputer:
　　　　　　　　[　]　Microcomputer:

Processing Mode:　Batch

Teleprocessing Monitor:　N.A.

Data Base Management System:　N.A.

Special Requirements:　N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification:　CWIP

Agency:　North Carolina Utilities Commission

Contact Person:　Cathy Hsu

Program Acquisition and Documentation:

The documentation is available.　Each inquiry will be supplied by cards along with program listing and sample run result.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: REVENUE REQUIREMENTS, HOURLY COST BASED

PROGRAM INFORMATION

Program Description:

Using hourly class usage samples, system lambda, load, and LOLP data
provided by the electric utility, class demand and energy cost are
computed for each hour. These costs are then combined with the
expanded class usage data to produce an hourly class revenue require-
ment for demand and energy. These hourly revenue requirements are
then summed into annual demand and energy revenue requirements for
each customer class.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL and MICROPLAN

Host System: [xx] Mainframe: ___IBM 3083_____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: IBM DISPLAYWRITER W/CPM-86

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Microplan

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PS51

Agency: Nevada Public Service Commission

Contact Person: William H. Vance

Program Acquisition and Documentation:

Other state regulatory agencies may inquire about acquisition of
this system. Documentation is good. Output from the system has
been used in the testimony of NVPSC for electric rate design
cases.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: SALES, OPERATION AND MAINTENANCE EXPENSES, NATURAL GAS
PIPELINE

PROGRAM INFORMATION

Program Description:

This data base includes monthly data from selected interstate natural
gas pipelines on sales revenues, volumes, and operation and mainte-
nance expenses.

Utility Sector: [ ] Electric
[xx] Gas
[ ] Telephone
[ ] Water
[ ] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: _____IBM 3033_____
[ ] Minicomputer: _____
[ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FERC-11

Agency: Federal Energy Regulatory Commission

Contact Person: Frederick W. Jones

Program Acquisition and Documentation:

Inquiries regarding data base acquisition should be directed to
the Energy Information Administration, DOE. Limited documentation
exists.

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Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: STATISTICAL TESTS

PROGRAM INFORMATION

Program Description:

FIN/STAT is designed to assist the user in performing data analysis.
The FIN/STAT package consists of a series of computer programs that
compute a large number of statistical measures and conduct a variety
of statistical tests. These measures and tests include simple de-
scriptive statistics, frequency distributions, hypothesis tests,
analysis of variance, scatter plots, correlation analysis, regression
time series, non-parametric tests, cross tabulation, and probability
distribution.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: VECTOR 3 _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FIN/STAT

Agency: Maryland Public Service Commission

Contact Person: Jeffrey B. Bowling (301) 659-2878

Program Acquisition and Documentation:

The Maryland PSC will be happy to discuss the system with
interested parties, but any commission wishing to acquire FIN/STAT
should contact Dr. Mark S. Gerber at 1357 W. Lane Ave., Columbus,
OH, 43221, (614) 486-6711.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: STOCK PRICE GRAPHING

PROGRAM INFORMATION

Program Description:

Creates graphs of utility stock prices.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: IBM 3081
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: N.A.

Special Requirements: SAS and IBM Color Printer

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: STOCK PRICE

Agency: Indiana Public Service Commission

Contact Person: Albert Chang, Senior Utility Analyst:
                 Economics & Finance Department

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Wayne L. Lash, Chief Economist/Director of Data Processing:
Economics & Finance Department at (317) 232-2746.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: TAX ASSESSMENT

PROGRAM INFORMATION

Program Description:

The commission has a terminal which allows it to use the Dartmouth
Timesharing System. It stores information on the Dartmouth computer
and uses the SPSS program to perform simple statistical manipulations.
The Commission has also had energy management programs written for it
which are mounted on the Dartmouth computer. The Utility Tax Assess-
ment Program calculates, updates, and prints the Utility Tax Assess-
ment.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: DATA BASE and SPSS

Host System: [xx] Mainframe: __HONEYWELL 66/DPS-3__
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: New Hampshire Public Utilities Commission

Contact Person: Sarah P. Voll

Program Acquisition and Documentation:

There is no documentation. Another Commission would have to
contact NHPUC to arrange access.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: TAX ASSESSMENT

PROGRAM INFORMATION

Program Description:

This program calculates the utility tax assessment and prints it out
in worksheet form. It has an accompanying program that updates this
output yearly, and another file which takes the worksheet form and
prints it in a booklet form for mailing.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: N.A.

Host System: [xx] Mainframe: HONEYWELL 66/DPS-3
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: UTILITY, TAXPAYER, TAXBOOK

Agency: New Hampshire Public Utility Commission

Contact Person: Linda L. Ashford

Program Acquisition and Documentation: N.A.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: TAXI COMPANY, COMPARATIVE ANALYSIS

PROGRAM INFORMATION

Program Description:

Statistical analysis of major taxi companies within state including
revenues, categorized expenses, number of cabs, and various ratios
including composite totals.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: GEMCOS

Data Base Management System: N.A.

Special Requirements: SCOPE

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TXI

Agency: Pennsylvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation:

Documentation is available and may be acquired by permission of
the Director of Operations.

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Application Category: Rate and Cost Analysis

PROGRAM INFORMATION

Program Description:

Computes rates based on total revenue required, number of phones in each service class and rate group, and a table of value judgments about relative worth of various types of services.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [xx] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: _____ DEC-10 _____
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RANAL

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Source code on 9 Track EBCDIC tape is available upon request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: TIME OF DAY RATES, BENEFIT/COST ANALYSIS

PROGRAM INFORMATION

Program Description:

The program calculates the net benefits of time-of-day (TOD) rates, based on the assumption that customers respond to changed prices due to the implementation of TOD rates by adjusting their consumption.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: <u>AMDAHL 470/V8 (IBM Compatible)</u>
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: BENCOST

Agency: National Regulatory Research Institute

Contact Person: Pran Paul

Program Acquisition and Documentation:

Program and documentation are available from NRRI. The name of the documentation is "The Benefit/Cost Analysis of Time-of-Day Rates (BENCOST) Program User's Manual."

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: TRANSMISSION LINE COSTS

PROGRAM INFORMATION

Program Description:

The program estimates the construction cost of electric utility
transmission lines.

Utility Sector: [xx] Electric
[ ] Gas
[ ] Telephone
[ ] Water
[ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ___ IBM 3033 ___
[ ] Minicomputer: ___
[ ] Microcomputer: ___

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: LINEOP

Agency: Federal Energy Regulatory Commission

Contact Person: Bill Wheelock

Program Acquisition and Documentation:

Documentation is available by request through the Commission's
Division of Public Information.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: TYPICAL BILLS, ELECTRIC RATE COMPARISON

PROGRAM INFORMATION

Program Description:

This system calculates the effect of proposed rate increase on the customer's monthly bill. Rate schedule can be kWh consumption block rate or time-of-use rate.

Utility Sector: [xx] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: ___IBM 3081_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: YUPRATE

Agency: North Carolina Utilities Commission

Contact Person: Min-Yin Yang

Program Acquisition and Documentation:

The documentation is available. Anyone can acquire this program.
The staff will provide the program listing and test run result.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: WATER AND SEWER DATA BASE

PROGRAM INFORMATION

Program Description:

Extracts statistical data from stored annual report (financial)
information over a five year period. Compares costs among companies.

Utility Sector: [ ]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [xx]   Water
                  [ ]   Multi-utility and Other

Language: SIR2 and CCL

Host System: [xx]   Mainframe: CYBER 760
                  [ ]   Minicomputer:
                  [xx]   Microcomputer: XEROX 1618 (input)

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: SIR2

Special Requirements: Uses FSUCC developed language SIMPL for data
                        entry process. Must use the FLPSC Annual
                        Report forms for input.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Florida Public Service Commission

Contact Person: Administrator, Office of Information Processing

Program Acquisition and Documentation:

Call (904) 487-2860 or write to the Administrator of Information
Processing for the documentation.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: WATER AND SEWER REPORT WRITER

PROGRAM INFORMATION

Program Description:

Generates net operating income statements, rate base statements, and cost of capital statements.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [xx] Water
                 [ ] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: CYBER 760
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Florida Public Service Commission

Contact Person: Administrator, Office of Information Processing

Program Acquisition and Documentation:

Call (904) 487-2680 or write to the Administrator of Information Processing for the documentation.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: WEATHER NORMALIZATION

PROGRAM INFORMATION

Program Description:

Determines normalized MWhs and cost.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: APPLE II+

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Applesoft BASIC, Printer, and 2 disk drives

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: NORMALIZATION

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation:

Program on 5 1/4" floppy disk. Run instructions, program listing,
and description available upon request.

Application Category: Rate and Cost Analysis

PROGRAM KEYWORDS: WEATHER NORMALIZATION AND REVENUE STATISTICS

PROGRAM INFORMATION

Program Description:

Normalizes consumption to discount weather factor and then computes revenues based on the normal weather.

Utility Sector: [ ] Electric
                 [xx] Gas
                 [ ] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: ASSEMBLY

Host System: [xx] Mainframe: IBM 3081
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: WEANOR

Agency: North Carolina Utilities Commission

Contact Person: John Garrison

Program Acquisition and Documentation:

The documentation is not available. Anyone can acquire this program. Limited assistance is available.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: CASE BILLING, MONTHLY ACTIVE

PROGRAM INFORMATION

Program Description:

The utilities are assessed monthly for staff time spent on dockets.
Time is summarized from the time file; salary and travel data is
appended to the work record; and then the total bill is calculated for
each docket for each utility. The system will also split dockets
where multiple utilities are involved.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: AMDAHL 5850
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MONTHLY DIRECT ASSESSMENT

Agency: Wisconsin Public Service Commission

Contact Person: Gene Masshardt

Program Acquisition and Documentation:

Documentation is available. Other commissions could acquire the
software. Requests should be made to the Director, Bureau of Data
Processing, Division of Administrative Services. Written instruc-
tions in addition to consulting via phone would be available.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: CASE MANAGEMENT

PROGRAM INFORMATION

   Program Description:

   The Regulatory Evaluation and Docketed Information System contains
   data relating to cases processed by FERC.   It also includes data
   identifying cases, milestone target, and completion dates.

   Utility Sector: [ ] Electric
                     [ ] Gas
                     [ ] Telephone
                     [ ] Water
                     [xx] Multi-utility and Other

   Language: COBOL and ASSEMBLER

   Host System: [xx] Mainframe: IBM 4341
                     [ ] Minicomputer: _____
                     [ ] Microcomputer: _____

   Processing Mode: Batch and Interactive

   Teleprocessing Monitor: N.A.

   Data Base Management System: N.A.

   Special Requirements: Omega screen handling

ACQUISITION AND ADDITIONAL INFORMATION

   Program Identification: READI

   Agency: Federal Energy Regulatory Commission

   Contact Person: Barbara Wade

   Program Acquisition and Documentation:

   Limited documentation; software tailored to FERC.   Most of data
   base limited to FERC use only.   Inquiries may be directed to
   FERC's Division of Public Information.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: CASE MANAGEMENT SYSTEM

PROGRAM INFORMATION

Program Description:

Supports the judicial activities of the Commission in tracking rele-
vant documents and events. Provides automated record of the charac-
teristics of all documents associated with the judicial caseload of
the Commission. Enables each commissioner to gain complete visibility
of the case documents and the progress of events necessary to maintain
control of case activity.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: __SPERRY UNIVAC 1100/84__
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CMS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at (804)
786-4418.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: CASE STATUS REPORT AND CALENDAR

PROGRAM INFORMATION

Program Description:

Prints a calendar showing hearing dates, and a listing of cases showing the status of each.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: IBM 3081
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: N.A.

Special Requirements: SAS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CASELOAD PROGRAM

Agency: Indiana Public Service Commission

Contact Person: Jeff Bailey, Senior Engineer: Engineering Dept.

Program Acquisition and Documentation:

For acquistion and documentation information, please contact Robert Glazier, Chief Engineer: Engineering Dept. at (317) 232-2735 (or Wayne L. Lash, Chief Economist/Director of Data Processing: Economics & Finance Department at (317) 232-2746).

Application Category: Case Processing and Management

PROGRAM KEYWORDS: CASE TRACKING AND CALENDAR

PROGRAM INFORMATION

Program Description:

Prints a calendar showing hearing dates, and a departmental caseload
summary.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: _____ IBM 3081 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: N.A.

Special Requirements: SAS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CASELIB

Agency: Indiana Public Service Commission

Contact Person: Labros Pilalis, Principal Utility Analyst:
                 Economics & Finance Department

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Wayne L. Lash, Chief Economist/Director of Data Processing:
Economics & Finance Department at (317) 232-2746.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: COMPLAINT TRACKING SYSTEM, CONSUMER

PROGRAM INFORMATION

Program Description:

System captures and tracks all written complaints filed with the
Commission's Consumer Division. Provides computer generated caseload
reports, daily activity reports, and complaint status reports. Phone
complaints are also captured and system produces statistical and
historical reports on both written and phone complaints.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3083
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: CICS

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PS15

Agency: Nevada Public Service Commission

Contact Person: William H. Vance

Program Acquisition and Documentation:

System is available to other state regulatory agencies upon
request. Documentation is fair and this Commission would provide
assistance in transferring.

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Application Category: Case Processing and Management

PROGRAM KEYWORDS: DOCKET CARD

PROGRAM INFORMATION

Program Description:

Provides for direct entry of docket card data via terminal. The system will assign unique docket number to each new case. Card contains base information (utility, application date, title, etc.) and provides for entry of significant events, particularly the events and dates of legal significance. Reports are prepared using the Mark IV report generator.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 3081 (D)
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: DL/2

Data Base Management System: IMS

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: On-line Docket System

Agency: Wisconsin Public Service Commission

Contact Person: Mary Krinke

Program Acquisition and Documentation:

Documentation will be available after April 1, 1984. The professional staff is available to assist other commissions interested in this system. For further information contact the Director, Data Processing Bureau, Division of Administrative Services.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: DOCKET, TARIFFS

PROGRAM INFORMATION

Program Description:

Data base of information on all open dockets and tariffs addressed by
the Commission. Future features involve the scheduling of actions and
costs related to dockets and tariffs.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: BASIC PLUS-2

Host System: [ ] Mainframe: _____
                   [xx] Minicomputer: DEC PDP 11-24 _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DOCKETS

Agency: Alaska Public Utilities Commission

Contact Person: Lorraine Plaga

Program Acquisition and Documentation:

Mostly documented - still being developed. Programs may be
obtained by contacting the Commission through Lorraine Plaga at
(907) 263-2169. Distribution of source code is by magnetic tape
(1600 bpi).

Application Category: Case Processing and Management

PROGRAM KEYWORDS: DOCKET TRACKING

PROGRAM INFORMATION

Program Description:

System captures and tracks all filings and official business of the
Commission. Provides computer generated agendas, calendars, division
and team caseload reports, and daily filing activities. Also provides
various statistical and filing history reports.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: _____ IBM 3083 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: CICS

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PS15

Agency: Nevada Public Service Commission

Contact Person: William H. Vance

Program Acquisition and Documentation:

System is available to other state regulatory agencies upon
request. System documentation is fair and this Commission would
provide assistance in transferring.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: DOCUMENT RETRIEVAL

PROGRAM INFORMATION

Program Description:

Shoreham Prudence Abstract Retrieval (SPAR) is a filing system con-
sisting of document titles and abstracts which can be retrieved
on-line by keyword, author, recipient, and document number. Though
tailored to a specific study, it could be used in any document
retrieval system with minimal rewriting.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: INFO

Host System: [ ] Mainframe: _____
                   [xx] Minicomputer: _____PRIME 750_____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: INFO

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: SHZ

Agency: New York State Public Service Commission

Contact Person: Carmela Turpin

Program Acquisition and Documentation:

No documentation is available. Will copy source code to tape for
transfer. Will respond to telephone calls for assistance.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: ENERGY DATA VALIDATION

PROGRAM INFORMATION

Program Description:

The Energy Data Validation system contains data on the filing require-
ments of forms, applications, and records retention, validated by
FERC. It reports targeted and completed milestones, as well as respon-
dent data. It produces a publication, the "Energy Data Validation
Report."

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: _____ IBM 4341 _____
              [ ] Minicomputer: _____
              [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Omega screen handling

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: ENERGY DATA VALIDATION REPORT

Agency: Federal Energy Regulatory Commission

Contact Person: Ellen Brown

Program Acquisition and Documentation:

Software tailored to FERC. Inquiries may be directed to FERC's
Division of Public Information.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: EVENT TRACKING SYSTEM

PROGRAM INFORMATION

Program Description:

Traces all events associated with a case or docket, showing deadlines and events accomplished.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: CCL and SIR2

Host System: [xx] Mainframe: CDC 760
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: SIR2 version 2.1

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Florida Public Service Commission

Contact Person: Administrator, Office of Information Processing

Program Acquisition and Documentation:

Call (904) 487-2680 or write to the Administrator of Information Processing for the documentation.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: EXHIBIT MANIPULATION AND CREATION

PROGRAM INFORMATION

Program Description:

This system allows user to prepare rate of return, revenue requirement, state adjustments, and staff exhibits.

Utility Sector: [ ] Electric
[ ] Gas
[ ] Telephone
[ ] Water
[xx] Multi-utility and Other

Language: FORTRAN

Host System: [xx] Mainframe: IBM and AMDAHL 5860
[ ] Minicomputer: _____
[ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TSO

Data Base Management System: N.A.

Special Requirements: 327X Terminal

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: AFRO

Agency: Illinois Commerce Commission

Contact Person: Bob Bivin and John Hasselbring

Program Acquisition and Documentation:

Contact John Hasselbring

Application Category: Case Processing and Management

PROGRAM KEYWORDS: INFORMATION REQUEST

PROGRAM INFORMATION

Program Description:

Tracks requests for information by rate case data manipulation, query, and report generation with DPL.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: DPL

Host System: [xx] Mainframe: ___ DEC-10 _____
                    [ ] Minicomputer: _____
                    [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: TOPS-10

Data Base Management System: DPL

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: INFOR

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation:

Design documentation available.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: INTERROGATORIES, TELECOMMUNICATIONS, PUBLIC

PROGRAM INFORMATION

Program Description:

This system records and tracks the status of interrogatories, i.e.,
questions to be put to a carrier before a public hearing by an
intervenor or the Commission.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [xx] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: PL/I and MARK IV

Host System: [xx] Mainframe: IBM 380x (OS/MVS)
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: INTERROGATORIES SYSTEMS

Agency: Canadian Radio-television and Telecommunications Comm.

Contact Person: Mr. Jerry Olesnyckyj, Chief of Computer Services
                 Div. (819) 994-1292

Program Acquisition and Documentation:

Please contact the above-named person for more information.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: INTERVENTIONS, BROADCASTING APPLICATIONS

PROGRAM INFORMATION

Program Description:

This system records and lists the names and addresses of intervenors at a public hearing for a broadcasting application.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: IBM UTILITY PROGRAMS

Host System: [xx] Mainframe: IBM 380x (OS/MVS)
                  [xx] Minicomputer: SYSTEMS APPROACH LTD. IM70/ (TOS)
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: PUBLIC HEARING INTERVENTIONS REGISTRATION
                         SYSTEM

Agency: Canadian Radio-television and Telecommunications Comm.

Contact Person: Mr. Jerry Olesnyckyj, Chief of Computer Services
                 Div. (819) 994-1292

Program Acquisition and Documentation:

Please contact the above-named person for more information.

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Application Category: Case Processing and Management

PROGRAM KEYWORDS: INTERVENTIONS, TELECOMMUNICATIONS

PROGRAM INFORMATION

Program Description:

This system records and lists the names and addresses of intervenors at a public hearing for a telecommunication application.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [xx] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: COBOL and MARK IV

Host System: [xx] Mainframe: IBM 380x (OS/MVS)
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TELECOMMUNICATIONS INTERVENTIONS SYSTEM

Agency: Canadian Radio-television and Telecommunications Comm.

Contact Person: Mr. Jerry Olesnyckyj, Chief of Computer Services Div. (819) 994-1292

Program Acquisition and Documentation:

Please contact the above-named person for more information.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: PROCEEDING MONITOR

PROGRAM INFORMATION

Program Description:

Proceeding monitor "Pendac" - Update

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: N.A.

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 575.01

Agency: California Public Utilities Commission

Contact Person: James E. Duggan

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: PROCEEDING STATUS, FILE AND MONTHLY LIST

PROGRAM INFORMATION

Program Description:

Has file on magnetic tape, about 900 records of 1790 characters each.
Records contain I.D., descriptions of personnel assignments, hearing
date, action and status, decision and effective date; internal "flags"
of interest by commissioners, division, branches, and examiners.
Updates old master monthly from cards. Report phase produces a list
of all proceedings, separately listed (set off by internal flags) for:
7 commissioners, 5 divisions, 13 branches, and 30 examiners.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL68

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 500.05

Agency: California Public Utilities Commission

Contact Person: James E. Duggan

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: RATE CASE SUMMARY, FIXED UTILITIES

PROGRAM INFORMATION

Program Description:

The Rate Case Summary System records detailed data for rate case pro-
ceedings for all Pennsylvania fixed utilities requesting a rate
change. Included is the rate of return data from different sources.
This system is now in the planning stage of being changed and con-
verted to a data base. Processing mode will become interactive.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: ODESY for data input

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: RCS

Agency: Pennsylvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation:

No documentation available at this time. The system may be
acquired by permission of the Director of Operations.

Application Category: Case Processing and Management

PROGRAM KEYWORDS: STATUTES RETRIEVE, STATE

PROGRAM INFORMATION

Program Description:

Local terminals access the data base of all Oklahoma statutes for
legal research.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: STAIRS

Host System: [xx] Mainframe: IBM 3081
                 [ ]   Minicomputer:
                 [ ]   Microcomputer:

Processing Mode: N.A.

Teleprocessing Monitor: CICS

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Oklahoma Corporation Commission

Contact Person: V. R. Ekstrom

Program Acquisition and Documentation: N.A.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: AIR INSURANCE

PROGRAM INFORMATION

Program Description:

Air insurance - Edits, updates, lists, labels

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer:
                   [ ] Microcomputer:

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 402.01

Agency: California Public Utilities Commission

Contact Person: Julie A. Sappington

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: CARRIER

PROGRAM INFORMATION

Program Description:

Carrier — Update, extract, list, labels

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: _____SPERRY 1100/70_____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 455.02

Agency: California Public Utilities Commission

Contact Person: Joyce A. Fong

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: CARRIER ANNUAL REVENUE

PROGRAM INFORMATION

    Program Description:

    Records carrier financial data and other data pertaining to the
    mailing of annual report forms.

    Utility Sector: [ ] Electric
                        [ ] Gas
                        [ ] Telephone
                        [ ] Water
                        [xx] Multi-utility and Other

    Language: DATAPOINT DATABUS

    Host System: [ ] Mainframe: _____
                        [xx] Minicomputer: DATAPOINT ARC _____
                        [ ] Microcomputer: _____

    Processing Mode: Interactive

    Teleprocessing Monitor: DATASHARE

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: CRS

    Agency: Washington Utilities and Transportation Commission

    Contact Person: Jim Ryan

    Program Acquisition and Documentation:

    Source program available on 9 track 800 bpi magnetic tape. System
    documentation includes design requirements, file specifications,
    program inventory, program-naming conventions, and program
    specifications.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: CARRIER, CHARTER PARTY

PROGRAM INFORMATION

Program Description:

Charter party carrier - Edit, update, list, labels

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                    [ ] Minicomputer: _____
                    [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 404.02

Agency: California Public Utilities Commission

Contact Person: Helen M. Lum

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: CARRIER, PASSENGER STAGE

PROGRAM INFORMATION

    Program Description:

    Passenger stage carriers - Updates, lists, labels

    Utility Sector: [ ] Electric
                       [ ] Gas
                       [ ] Telephone
                       [ ] Water
                       [xx] Multi-utility and Other

    Language: COBOL74

    Host System: [xx] Mainframe: ___SPERRY 1100/70___
                       [ ] Minicomputer: _____
                       [ ] Microcomputer: _____

    Processing Mode: Batch

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: 404.01

    Agency: California Public Utilities Commission

    Contact Person: Helen M. Lum

    Program Acquisition and Documentation:

    Documentation available. Requests for program acquisition should
    be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: CENTRAL OFFICE FORECASTING

PROGRAM INFORMATION

Program Description:

Prepares forecast of switching equipment requirements

Utility Sector: [ ] Electric
                 [ ] Gas
                 [xx] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: APPLESOFT BASIC

Host System: [ ] Mainframe: _____
                 [ ] Minicomputer: _____
                 [xx] Microcomputer: APPLE II

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Quebec Public Service Board

Contact Person: Jean-Yves Fortier

Program Acquisition and Documentation:

Internal documentation exists for each program.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: CHARTER DOCUMENT CONTROL

PROGRAM INFORMATION

Program Description:

Replaces the manual creation and maintenance of corporate charter
index cards with an automated charter index system with microfilming.
This system eliminates the need for 100,000 files and saves the space
required to house those files.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: __SPERRY UNIVAC 1100/84__
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CDC

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at (804)
786-4418.

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: CLERK'S OFFICE SYSTEM

PROGRAM INFORMATION

Program Description:

Supports the operations of the Commission's Office of the Clerk,
concerned with the registration and taxation of corporations within
Virginia. Produces the annual assessment of registration fees and
franchise taxes, records their collection and determines their delin-
quency. Provides automated cash management processes which support
the collection and deposit of taxes, fees, and other receipts handled
by the clerks of the commission.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: ___SPERRY UNIVAC 1100/84___
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: COS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at (804)
786-4418.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: COMPUSTAT II, INTERFACE PACKAGE

PROGRAM INFORMATION

Program Description:

It processes the IBM 360/370 general utility COMPUSTAT II annual tape and creates an SAS data base that may be accessed directly by SAS application programs. This interface package allows the user to have easy access to the large amount of financial data contained in utility COMPUSTAT II.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: AMDAHL 470/V8 (IBM Compatible)
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: IPUC

Agency: National Regulatory Research Institute

Contact Person: Pran Paul

Program Acquisition and Documentation:

Program and documentation are available from NRRI. Documentation's name is "Interface Package for Utility COMPUSTAT II (IPUC) User's Manual."

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: CONSUMER SERVICE SYSTEMS

PROGRAM INFORMATION

Program Description:

Supports those activities of the Commission which respond to
complaints by consumers and other members of the public about
conditions under the regulatory recognizance of the Commission.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: SPERRY UNIVAC 1100/84
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CSS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at (804)
786-4418.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: CURVE FIT

PROGRAM INFORMATION

Program Description:

Fits data to linear, exponential, log, or power curve. Computes
seasonal factors and "normalizes" seasonal variations. Computes
future normalized seasonal data and provides graphics via HP 7225
plotter.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: HP-85 _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: HP 7225 Plotter

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TREND

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy on HP car-
tridge, HP 5 1/4" disk, or by listings.

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: CURVE FIT, LEAST SQUARE

PROGRAM INFORMATION

Program Description:

Program performs least-square curve fit to linear, exponential, power, log, and several hyperbolic functions. Provides statistics and x-y plot.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: HP-85

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: HP 7225 Plotter

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: LEAST SQUARES FIT

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as being "in-house" can be furnished via copy on HP cartridges, HP 5 1/4" disk, or by listings.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: DATA BASE, CONDOR

PROGRAM INFORMATION

Program Description: N.A.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: Z-BASIC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: ZENITH ZW-120

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: CONDOR

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: South Carolina Public Utilities Commission

Contact Person: N.A.

Program Acquisition and Documentation: N.A.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: DATA MANIPULATION AND BASIC STATISTICS

PROGRAM INFORMATION

Program Description:

Data preparation, editing, transformation, etc. (used with HP General
Statistics Pac).

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: HP-85

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: BASIC STATISTICS AND DATA MANIPUATION
                          PAC

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy on HP car-
tridge HP 5 1/4" disk, or by listings.

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: DECISION SUPPORT SYSTEM

PROGRAM INFORMATION

Program Description:

An enhanced version of the Case Management System which facilitates
the tracking and control of user defined data in an user freindly
environment. Multiple applications can be defined and supported
concurrently in this system. Security is provided at the application
level. New applications can be generated by non- technical support
personnel as they are identified within each division.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: SPERRY UNIVAC 1100/84
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: DSS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at (804)
786-4418.

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: DRAYAGE CALCULATION

PROGRAM INFORMATION

Program Description:

California drayage - Calculate

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN66

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 304.03

Agency: California Public Utilities Commission

Contact Person: George J. Parkins

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

-pplication Category: General Purpose and Other

PROGRAM KEYWORDS: DUMP TRUCK NETWORK

PROGRAM INFORMATION

Program Description:

These programs contain a network of the time and distance between
various points of pick up and delivery within the state. These time
links are constructive miles; in other words, they take into account
the grade and restrictions such as narrow bridges, etc. The link
mileage is one-way miles; that is, if there is a grade involved, the
constructive mileage would be based on the average grade. These
programs are extensively used to compute the time and distance
between two points on the network.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: FORTRAN66

Host System: [xx] Mainframe: SPERRY 1100/70 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 351.17

Agency: California Public Utilities Commission

Contact Person: George J. Parkins

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: FUEL ADJUSTMENT CHANGE

PROGRAM INFORMATION

Program Description:

Calculates change in fuel adjustment and prepares minutes to be
included in report.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: SAS

Host System: [xx] Mainframe: 3081
                   [ ] Minicomputer:
                   [ ] Microcomputer:

Processing Mode: Batch and Interactive

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: N.A.

Special Requirements: SAS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: FUEL ADJUSTMENT REPORT

Agency: Indiana Public Service Commission

Contact Person: Jeff Bailey, Senior Engineer: Engineering Dept.

Program Acquisition and Documentation:

For acquisition and documentation information please contact
Robert Glazier, Chief Engineer: Engineering Department at (317)
232-2735 (or Wayne L. Lash, Chief Economist/Director of Data
Processing: Economics & Finance Dept. at (317) 232-2746).

Application Category: General Purpose and Other

PROGRAM KEYWORDS: GENERAL CORRESPONDENCE SYSTEM

PROGRAM INFORMATION

Program Description:

Provides standard form letters of typewriter quality from automated
system processes for all divisions of the State Corporation Commis-
sion. Provides the user with the ability to format text for a given
letter and extracts variable data from any SCC data base.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: SPERRY UNIVAC 1100/84
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: GCS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at (804)
786-4418.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: GENERAL STATISTICS

PROGRAM INFORMATION

Program Description:

Standard vendor supplied package. General statistics solutions:
1) One sample analysis
2) Paired sample analysis
3) Various test statistics
4) Various distributions
5) Multiple linear regression, up to 12 independent variables.

Utility Sector: [ ] Electric
                    [ ] Gas
                    [ ] Telephone
                    [ ] Water
                    [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                    [ ] Minicomputer: _____
                    [xx] Microcomputer: HP-85

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: GENERAL STATISTICS PAC

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy of HP
cartridge, HP 5 1/4" disk, or by listings.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: GRAPHICS AND ELECTRONIC WORKSHEET

PROGRAM INFORMATION

Program Description:

Standard vendor supplied package.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: _____HP-85_____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: VZCALC PLUS PAC

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house:" can be furnished via copy of HP
cartridge, HP 5 1/4' disk, or by listings.

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: GRAPHICS LANGUAGE

PROGRAM INFORMATION

Program Description:

GPAX is a programming language designed in-house to generate computer
graphics on Hewlett-Packard Plotters. It is capable of generating
vertical or horizonal bar charts, pie charts, x-y plots, or any combi-
nation of these on one page.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: FORTRAN

Host System: [ ] Mainframe: _____
                  [xx] Minicomputer: PRIME 750 _____
                  [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: GPAX

Agency: New York State Department of Public Service

Contact Person: Michael Short

Program Acquisition and Documentation:

Good documentation is available. Will copy source code to tape
for transfer. Will respond to telephone calls for assistance.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: GRAPHICS REPRESENTATIONS

PROGRAM INFORMATION

Program Description:

Standard vendor supplied package. In conjunction with x-y plotter
this package prepares graphs and slide transparencies of text, line,
bar, and pie graphs.

Utility Sector: [ ] Electric
                [ ] Gas
                [ ] Telephone
                [ ] Water
                [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                [ ] Minicomputer: _____
                [xx] Microcomputer: HP-85 _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: GRAPHICS PRESENTATIONS PAC

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy on HP car-
tridge, HP 5 1/4" disk, or by listings.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: ICC

PROGRAM INFORMATION

Program Description:

ICC - Update, label, letter, list

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 456.01

Agency: California Public Utilities Commission

Contact Person: Helen M. Lum

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: INCIDENT REPORTING SYSTEM

PROGRAM INFORMATION

Program Description:

Supports the technical administration, operation, and maintenance of
the computer applications software associated with all automated
systems used by the Commission. Enables system users to gain complete
visibility of the system maintenance process.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: SPERRY UNIVAC 1100/84
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: IRS

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at (804)
786-4418.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: INSURANCE REGULATORY SYSTEM

PROGRAM INFORMATION

Program Description:

Supports the operations of the Bureau of Insurance, concerned with the
examination and licensing of insurance agents, and registration and
taxation of insurance companies. Provides automated record of the
characteristics of both the agents and companies, produces the billing
for new licenses and renewals, and supplies computer assisted public
inquiry services.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: SPERRY UNIVAC 1100/84
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: LEAP

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Chester A. Roberts, Director of Planning and Development at (804)
786-4418.

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: LEGAL, NEWS AND TECHNICAL RESEARCH

PROGRAM INFORMATION

Program Description:

DATABASE containing virtually all court cases in the United States in
the last 25 years. Also contains numerous newspapers, periodicals,
and journals. Contains all major wire service news items i.e. A.P.,
U.P.I., Reuters, Kyoto, etc. Other items too numerous to mention but
all very interesting.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: N.A.

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: Contract with Mead Data Control

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: LEXIS-NEXIS

Agency: Alabama Public Service Commission

Contact Person: Cliff Duke

Program Acquisition and Documentation:

Placed in this catalog for informational purposes only due to the
benefits derived from this data base by this Commission. I will
relate the benefits to anyone interested, but the service must be
acquired from Mead Data Control.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: LINEAR PROGRAMMING SOLUTIONS

PROGRAM INFORMATION

Program Description:

Provides solutions to a variety of optimization problems and
sensitivity analysis.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: HP-85 _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy of HP car-
tridge, HP 5 1/4" disk, or by listings.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: MANAGEMENT INFORMATION SYSTEM

PROGRAM INFORMATION

Program Description:

Generates monthly management reports regarding man-hours and appro-
priate salary costs for the month and year-to-date based on monthly
time sheets submitted by each employee. Reports summarize by
(1) industry, (2) program component, (3) organizational unit, (4) em-
ployees, and (5) specific docket number.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: N.A.

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: XEROX 1618 _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: dBASE II

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Florida Public Service Commission

Contact Person: Administrator, Office of Information Processing

Program Acquisition and Documentation:

Call (904) 487-2680 or write to the Administrator of Information
Processing for the documentation.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: MAPPING

PROGRAM INFORMATION

Program Description:

Produces graphical display of status of territorial mapping statute.
This project establishes service boundaries for each utility, and
necessitates constantly updated maps of what boundaries have been
proposed, and which have been approved.

Utility Sector: [xx]   Electric
                  [ ]   Gas
                  [ ]   Telephone
                  [ ]   Water
                  [ ]   Multi-utility and Other

Language: SAS

Host System: [xx]   Mainframe: IBM 3081
                  [ ]   Minicomputer: _____
                  [ ]   Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: SPF/VTAM

Data Base Management System: N.A.

Special Requirements: SAS and IBM Color Printer

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MAP STATUS PROGRAM

Agency: Indiana Public Service Commission

Contact Person: Frank Mackell, Utility Engineer:
                  Engineering Dept.

Program Acquisition and Documentation:

For acquisition and documentation information, please contact
Robert Glazier, Chief Engineer: Engineering Dept. at (317) 232-
2735 (or Wayne L. Lash, Chief Economist/Director of Data
Processing: Economics & Finance Dept. at (317) 232-2746).

Application Category: General Purpose and Other

PROGRAM KEYWORDS: MICROFILM INDEX UPDATE AND RETRIEVAL

PROGRAM INFORMATION

Program Description:

This on-line system enter docket number and type of folder (records, testimony, internal report). Reference indicates reel number and location of first frame of the case on that reel.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: BURROUGHS B1855
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: GEMCOS

Data Base Management System: DMS II

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MICS

Agency: Pennslyvania Public Utility Commission

Contact Person: MIS Chief

Program Acquisition and Documentation:

Contact MIS Division, Secretary's Bureau Users manual available.

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: OPERATING AND FINANCIAL STATISTICS, YEARLY

PROGRAM INFORMATION

Program Description:

Six reports are produced displaying company investment, gross sales,
operating costs, volume of produce input, profitability before taxes,
and production per unit capital investment; approving proposed rate
schedules, allowing costs per unit production, and so on.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 801.03

Agency: California Public Utilities Commission

Contact Person: Mary Ann Calantropio

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: RAILROAD NETWORK MODEL, U.S.

PROGRAM INFORMATION

Program Description:

This application is the computerized representation of the route
structure of the U.S. Railroad System.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DATA BASE

Host System: [xx] Mainframe: IBM 370 Compatible
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: THE FRA NETWORK PLANNING MODEL

Agency: Federal Railroad Administration

Contact Person: Thomas F. Ferrara

Program Acquisition and Documentation:

Portions of the application are proprietary to Informatics, Inc.
All inquiries concerning acquisition should be directed to them.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: RAILROAD SEPARATIONS

PROGRAM INFORMATION

    Program Description:

    Railroad separations priorities - List

    Utility Sector: [ ] Electric
                       [ ] Gas
                       [ ] Telephone
                       [ ] Water
                       [xx] Multi-utility and Other

    Language: COBOL84

    Host System: [xx] Mainframe: SPERRY 1100/70 _____
                       [ ] Minicomputer: _____
                       [ ] Microcomputer: _____

    Processing Mode: Batch

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: 376.05

    Agency: California Public Utilities Commission

    Contact Person: Stennis Scruggs

    Program Acquisition and Documentation:

    Documentation available. Requests for program acquisition should
    be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: RATE TARIFF, MINIMUM, TRUCKERS

PROGRAM INFORMATION

Program Description:

The program generates minimum rate tariffs for every trucker who is
subject to one or more tariffs; must be supplied with the current
tariff and up-to-date changes.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 452.03

Agency: California Public Utilities Commission

Contact Person: Mary Ann Calantropio

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: REA ELECTRIC ANNUAL DATA BASE

PROGRAM INFORMATION

Program Description:

This data base file contains the financial and statistical information
about the operations of the active Rural Electrification Administra-
tion electric borrowers for the calendar year 1982.

Utility Sector: [xx] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: DATA BASE

Host System: [xx] Mainframe: IBM 3033
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: 1600/6250 bpi tape drive

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: STATISTICAL REPORT OF RURAL ELECTRIC
                         BORROWERS, REA BULLETIN 1-1

Agency: Rural Electrification Administration

Contact Person: Harold Hoiberg

Program Acquisition and Documentation:

Contact Jeane Miller/Rural Electrification Admnistration/Public
Information Office/14th & Independence Ave., S.W./Room 4042-South
Bldg./Washington, DC 20250.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: REA TELEPHONE ANNUAL DATA BASE

PROGRAM INFORMATION

Program Description:

This data base file contains the financial and statistical information
about the operations of the active Rural Electrification Administra-
tion telpehone borrowers for the calendar year 1982.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [xx] Telephone
                 [ ] Water
                 [ ] Multi-utility and Other

Language: DATA BASE

Host System: [xx] Mainframe: ___IBM 3033_____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: 1600/6250 bpi tape drive

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: STATISTICAL REPORT OF RURAL TELEPHONE
                         BORROWERS, REA BULLETIN 300-4

Agency: Rural Electrification Administration

Contact Person: Harold Hoiberg

Program Acquisition and Documentation:

Contact Jeane Miller/Rural Electrification Administration/Public
Information Office/14th & Independence Ave., S.W./Room 4042-South
Bldg./Washington, DC 20250.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: REGRESSION ANALYSIS

PROGRAM INFORMATION

Program Description:

This program does the following regression analysis solutions:
1) Multiple Linear regression
2) Stepwise regression
3) Polynomial regression
4) Residual analysis

Utility Sector: [ ] Electric
[ ] Gas
[ ] Telephone
[ ] Water
[xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
[ ] Minicomputer: _____
[xx] Microcomputer: HP-85 _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: REGRESSION ANALYSIS PAC

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy on HP
cartridge, HP 5 1/4" disk, or by listings.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: REVENUE REQUIREMENT DECISION

PROGRAM INFORMATION

   Program Description:

   Revenue requirement decision - List

   Utility Sector: [ ] Electric
                     [ ] Gas
                     [ ] Telephone
                     [ ] Water
                     [xx] Multi-utility and Other

   Language: CARS

   Host System: [xx] Mainframe: SPERRY 1100/70
                     [ ] Minicomputer:
                     [ ] Microcomputer:

   Processing Mode: Batch

   Teleprocessing Monitor: N.A.

   Data Base Management System: N.A.

   Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

   Program Identification: 785.01

   Agency: California Public Utilities Commission

   Contact Person: Julie A. Sappington

   Program Acquisition and Documentation:

   Documentation available. Requests for program acquisition should
   be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: SCREEN UPDATE

PROGRAM INFORMATION

    Program Description:

    Screen update

    Utility Sector: [ ] Electric
                       [ ] Gas
                       [ ] Telephone
                       [ ] Water
                       [xx] Multi-utility and Other

    Language: COBOL74

    Host System: [xx] Mainframe: SPERRY 1100/70
                       [ ] Minicomputer: _____
                       [ ] Microcomputer: _____

    Processing Mode: Interactive

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: 100.04

    Agency: California Public Utilities Commission

    Contact Person: Joyce A. Fong

    Program Acquisition and Documentation:

    Documentation available. Requests for program acquisition should
    be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: SETTLEMENTS, GENERAL TELEPHONE

PROGRAM INFORMATION

Program Description:

General telephone settlements - List

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 704.02

Agency: California Public Utilities Commission

Contact Person: Sandra Evans

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: SOLUTIONS, TRAINING PROGRAMS

PROGRAM INFORMATION

Program Description:

This program package has the following programs: 1) Moving average;
(2) Annuities and compound amounts with amortization; (3) Polynomial
solutions; (4) Simultaneous equations; (5) Calculus and roots; (6)
Curve fitting; (7) Automatic function plot; (8) Automatic data plot;
(9) Histrogram generation; (10) Arithmetic teacher; (11) Calendar
functions; (12) Biorythms; (13) Timer; (14) Music computer; and (15)
Ski game.

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: BASIC

Host System: [ ] Mainframe: _____
                   [ ] Minicomputer: _____
                   [xx] Microcomputer: HP-85

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: HP STANDARD PAC

Agency: Georgia Public Service Commission

Contact Person: Ned Guillebeau

Program Acquisition and Documentation:

Most programs are vendor supplied. Those programs described as
being developed "in-house" can be furnished via copy on HP car-
tridges, HP 5 1/4" disk, or by listings.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: TARIFF SERVICE, UPDATE, LIST, LABEL

PROGRAM INFORMATION

Program Description:

Tariff service - Update, list, label

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 452.01

Agency: California Public Utilities Commission

Contact Person: Mary Ann Calantropio

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: TAX ASSESSMENT

PROGRAM INFORMATION

Program Description:

To handle tax assessment and reporting processes for 6000 companies.
Provides cross references, delinquency reports, assessment calcula-
tions, notice processing, and certificate processing.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: COBOL

Host System: [xx] Mainframe: IBM 4341 _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: CICS

Data Base Management System: IMS

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: TAX SYSTEM

Agency: Arkansas Public Service Commission

Contact Person: Mary Rusk

Program Acquisition and Documentation: N.A.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: TELEPHONE COMPANY

PROGRAM INFORMATION

Program Description:

Telephone company - Extract, plot, list

Utility Sector: [ ] Electric
                   [ ] Gas
                   [xx] Telephone
                   [ ] Water
                   [ ] Multi-utility and Other

Language: FORTRAN66 and FORTRAN77

Host System: [xx] Mainframe: SPERRY 1100/70 _____
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 707.01

Agency: California Public Utilities Commission

Contact Person: Barrett Alexander

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: TELEPHONE CORPORATION, ROCHESTER

PROGRAM INFORMATION

Program Description:

A report is generated that displays 49 to 60 months data in tabular
and graphic forms. The data include number of employees, stations,
and financial data to give a general picture of the company's health
and prospects.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [xx] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: COBOL and SAS

Host System: [xx] Mainframe: IBM 3033_____
               [ ] Minicomputer:_____
               [ ] Microcomputer:_____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: SAS

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: CD

Agency: New York State Public Service Commission

Contact Person: Robert McNulty

Program Acquisition and Documentation:

Documentation is available. Will copy source code to tape for
transfer. Will respond to phone calls for assistance.

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Application Category: General Purpose and Other

PROGRAM KEYWORDS: TELEPHONE STATISTICS

PROGRAM INFORMATION

Program Description:

Prepare statistical report on company basis and industry under the board authority.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [xx] Telephone
                  [ ] Water
                  [ ] Multi-utility and Other

Language: APPLESOFT BASIC

Host System: [ ] Mainframe: _____
                  [ ] Minicomputer: _____
                  [xx] Microcomputer: APPLE II _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: STATE 1

Agency: Quebec Public Service Board

Contact Person: Jean-Yves Fortier

Program Acquisition and Documentation:

Internal documentation exists for the program.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: TRAFFIC FLOW

PROGRAM INFORMATION

    Program Description:

    Traffic flow (current) - Extract, list, delinquent

    Utility Sector: [ ] Electric
                      [ ] Gas
                      [ ] Telephone
                      [ ] Water
                      [xx] Multi-utility and Other

    Language: COBOL68

    Host System: [xx] Mainframe: SPERRY 1100/70
                      [ ] Minicomputer: _____
                      [ ] Microcomputer: _____

    Processing Mode: Batch

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: 321.01

    Agency: California Public Utilities Commission

    Contact Person: Stennis Scruggs

    Program Acquisition and Documentation:

    Documentation available. Requests for program acquisition should
    be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: TRAFFIC FLOW, EDIT

PROGRAM INFORMATION

Program Description:

Traffic flow (current) - Edit

Utility Sector: [ ] Electric
                   [ ] Gas
                   [ ] Telephone
                   [ ] Water
                   [xx] Multi-utility and Other

Language: COBOL68

Host System: [xx] Mainframe: SPERRY 1100/70
                   [ ] Minicomputer: _____
                   [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 310.02

Agency: California Public Utilities Commission

Contact Person: Stennis Scruggs

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: TRAFFIC FLOW, INTERNATIONAL

PROGRAM INFORMATION

Program Description:

International traffic flow - list

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN66 and FORTRAN77

Host System: [xx] Mainframe: SPERRY 1100/70 _____
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 428.01

Agency: California Public Utilities Commission

Contact Person: Stennis Scruggs

Program Acquisition and Documentation:

Documentation available. Request for program acquisition should
be directed to the Executive Director, CPUC.

'pplication Category: General Purpose and Other

PROGRAM KEYWORDS: TRAFFIC FLOW, LIST

PROGRAM INFORMATION

    Program Description:

    Traffic flow (current) - List

    Utility Sector: [ ] Electric
                      [ ] Gas
                      [ ] Telephone
                      [ ] Water
                      [xx] Multi-utility and Other

    Language: FORTRAN66 and FORTRAN77

    Host System: [xx] Mainframe: SPERRY 1100/70
                      [ ]   Minicomputer: _____
                      [ ]   Microcomputer: _____

    Processing Mode: Batch

    Teleprocessing Monitor: N.A.

    Data Base Management System: N.A.

    Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

    Program Identification: 310.01

    Agency: California Public Utilities Commission

    Contact Person: Stennis Scruggs

    Program Acquisition and Documentation:

    Documentation available. Request for program acquisition should
    be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: TRAFFIC FLOW, LIST

PROGRAM INFORMATION

Program Description:

Traffic flow (Current) - List

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: FORTRAN66

Host System: [xx] Mainframe: SPERRY 1100/70
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 310.07

Agency: California Public Utilities Commission

Contact Person: Stennis Scruggs

Program Acquisition and Documentation:

Documentation available. Request for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: UNIFORM COMMERCIAL CODE

PROGRAM INFORMATION

Program Description:

Supports the activities of the Commission in creating, maintaining, and disseminating a record of liens, supplied through secured party filings or brought by U.S. Internal Revenue Service in accordance the Code of Virginia.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DATA BASE - (COBOL)

Host System: [xx] Mainframe: SPERRY UNIVAC 1100/84
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: TIP

Data Base Management System: DMS 1100

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: UCC

Agency: Virginia State Corporation Commission

Contact Person: Chester A. Roberts

Program Acquisition and Documentation:

For acquisition and documentation information, please contact Chester A. Roberts, Director of Planning and Development at (804) 786-4418.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: UTILITY DATA

PROGRAM INFORMATION

Program Description:

The Commission in 1975 established the utility data file (UDF). The UDF now contains operating and financial statistics of the seven largest California gas, electric, and telephone utilities for six years, by months. These statistics follow the uniform system of accounts. The Commission has developed programs for automated data retrieval and interactive programming from these data files. Some of these programs include regression analysis, time series analysis, and computer graphics. These programs are used extensively in rate case work for staff to make projections. The use of UDF programs are especially beneficial because they produce computer graphs.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 752.01

Agency: California Public Utilities Commission

Contact Person: Sandra Evans

Program Acquisition and Documentation:

Documentation available. Request for program acquisition should be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: UTILITY DATA, PLOT

PROGRAM INFORMATION

Program Description:

Utility data - Plot

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: SPERRY 1100/70
                [ ] Minicomputer: _____
                [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 702.01

Agency: California Public Utilities Commission

Contact Person: Sandra Evans

Program Acquisition and Documentation:

Documentation available. Request for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: UTILITY INDEX

PROGRAM INFORMATION

Program Description:

This data base is the collection of all general information on each
utility in Alaska. Records are kept on key personnel, phone numbers,
address, type of utility, and other information.

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [ ] Water
                  [xx] Multi-utility and Other

Language: BASIC PLUS 2

Host System: [xx] Mainframe: _____ DEC PDP 11-24 _____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch and Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: MUD

Agency: Alaska Public Utilities Commission

Contact Person: Lorraine Plaga

Program Acquisition and Documentation:

Fully documented. Programs may be obtained by contacting the com-
mission through Lorraine Plaga at (907) 263-2169. Distribution of
source code is by magnetic tape (1600 bpi).

Application Category: General Purpose and Other

PROGRAM KEYWORDS: WATER AND SEWER SUMMARIES COMPUTER SYSTEM

PROGRAM INFORMATION

Program Description:

Generates current information about the regulated water and sewer
utilities in the state.

Utility Sector: [ ]   Electric
                   [ ]   Gas
                   [ ]   Telephone
                   [xx]   Water
                   [ ]   Multi-utility and Other

Language: COBOL

Host System: [xx]   Mainframe: IBM 3081
                   [ ]   Minicomputer: _____
                   [ ]   Microcomputer: _____

Processing Mode: N.A.

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: North Carolina Utilities Commission

Contact Person: Cathy Hsu

Program Acquisition and Documentation:

The documentation is available. Anyone can acquire this program.
Limited assistance is available.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: WATER CONSUMPTION

PROGRAM INFORMATION

Program Description:

Water consumption - Update

Utility Sector: [ ] Electric
                  [ ] Gas
                  [ ] Telephone
                  [xx] Water
                  [ ] Multi-utility and Other

Language: COBOL74

Host System: [xx] Mainframe: ____SPERRY 1100/70____
                  [ ] Minicomputer: _____
                  [ ] Microcomputer: _____

Processing Mode: Batch

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: 686.01

Agency: California Public Utilities Commission

Contact Person: Yuki Santos

Program Acquisition and Documentation:

Documentation available. Requests for program acquisition should
be directed to the Executive Director, CPUC.

Application Category: General Purpose and Other

PROGRAM KEYWORDS: WORD PROCESSING CENTER, CENTRAL

PROGRAM INFORMATION

Program Description:

Thirty-four CRT's are connected to a distributed processor for word
processing and data processing support. Most printing is done
centrally but several local printers are also installed. Terminals
may also access a large host computer for data processing support
including on-line data base, graphics, and SAS.

Utility Sector: [ ] Electric
                 [ ] Gas
                 [ ] Telephone
                 [ ] Water
                 [xx] Multi-utility and Other

Language: DOSF

Host System: [xx] Mainframe: IBM 8140 C92
                 [ ] Minicomputer: _____
                 [ ] Microcomputer: _____

Processing Mode: Interactive

Teleprocessing Monitor: N.A.

Data Base Management System: N.A.

Special Requirements: N.A.

ACQUISITION AND ADDITIONAL INFORMATION

Program Identification: N.A.

Agency: Oklahoma Corporation Commission

Contact Person: V. R. Ekstrom

Program Acquisition and Documentation: N.A.

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APPENDIX

COMPUTER HARDWARE OF COMMISSIONS

This appendix tabulates the computer hardware employed by NARUC member agencies and associate member agencies. The table lists only those agencies either having in-house computer systems or accessing the computer of another organization.

COMPUTER HARDWARE OF COMMISSIONS

Agency	Mainframe	Minicomputer	Microcomputer
Alabama PSC	IBM 370		Apple II+
Alaska PUC		PDP 11-24	
Alberta PUB	IBM 3081K	IBM 5520-51	IBM 5150 PC
Arkansas PSC	IBM 4341, Amdahl 470/V6, IBM 4341-II, DEC-10	Wang 2200	KAYPRO II
California PUC	IBM 370, Sperry 1100-70	Four-Phase IV90S, Lanier Wordplex	Four-Phase PCI
Canadian Radio-Television & Telecommunications Commission		Systems Approach Ltd. IM70, Consolidated Computer Ltd. Key-Edit 80 Wang Systems OIS-015	IBM 5110 Perle Data Systems 212, CromemCo System Three
Connecticut PUC	IBM 3081 Model D	DEC VAX-11/780	
Federal Communications Commission	Honeywell 66/60	HP 3000/44	ONYX Zilog
Federal Energy Regulatory Commission	IBM 4341, IBM 3033	DEC VAX-11/780	
Federal Highway Administration	Amdahl 470/7A		IBM PC, Victor 900 Compaq, Apple II,
Federal Railroad Administration			IBM PC
	Fortune-16/32		
Florida PSC	IBM 3081 MVS, CDC Cyber 760		Xerox 16/8 IBM PC/XT
Georgia PSC	Univac		HP 85
Illinois CC	IBM, Amdahl 5860		Altos Zenith ZW 150-22
Indiana PSC	IBM 3081 Model D		Vector 4
Iowa SCC	IBM 370, IBM 3033 IBM 3081		
Kansas SCC	IBM 3033, Univac 1100 Honeywell 66/60		Zenith Z100, Exxon 520
Maryland PSC	IBM 3081 Model G, Univac 1182		Vector 3

COMPUTER HARDWARE OF COMMISSIONS
(Continued)

Agency	Mainframe	Minicomputer	Microcomputer
Massachusetts DPU	IBM 370		Apple III
Michigan PSC	Burroughs 6800	DEC 2020	NCR Decision Mate
Minnesota DPS	CDC Cyber 170-174, 825, 845 Cray-1, IBM 4341	VAX-11/780	
Minnesota DOT	IBM 3033	TI 990	IBM PC
Minnesota PUC			Apple II+
National Regulatory Research Institute	Amdahl 470/V8		IBM PC
Nevada PSC	IBM 3083, CDC 730		IBM Display Writer
New Hampshire PUC	Honeywell 66/DPS-3		
New Jersey BPU			Apple IIe
New Mexico PSC	UBN 370/158		
New Mexico SCC	IBM 3033	CADO 20/20	
New York PSC	IBM 3033	Prime 750	KAYPRO-4
North Carolina PUC	IBM 3081		
Ohio PUC	IBM 3081, DEC 20/60	Sperry 1900/10	DECmate II
Oklahoma SCC	IBM 3031, IBM 3081	IBM 8140 C92	IBM PC/XT, Osborne I
Ontario Telephone Service Commission		Wang OIS-140	
Pennsylvania PUC	Burroughs B-1855		
Postal Rate Commission			Radio Shack Model II Radio Shack Model 16
Quebec PSB			Apple II
Rural Electrification Administration	IBM 3033	Wang VS 80	
South Carolina PSC	IBM 3767		Zenith ZW-120
Tennessee PSC	Amdahl 470/V6 IBM 3033		Victor 9000
Vermont DPS		Data General MV-4000	
Virginia SCC	Sperry Univac 1100/84		
Washington UTC	IBM 3033 OS/MVS	Datapoint ARC Local Area Network	
Wisconsin PSC	IBM 3081 Model D Amdahl 5850		IMB PC, IBM PC/XT

Source: NRRI Survey