

ELCAP/REMP data transfers

1. NOV88 Initial transfer, all studies. Data was grouped "#01" - "#29".
- 1b. APR89 Initial transfer of MFM group, group "#30". (SAS files labeled as NOV88).
2. JUN89 Complete re-transfer, all studies except MFM, NOAA. Data now grouped as "#01" - "#12".
- 2b. SEP89 Complete re-transfer of MFM (#13) and NOAA (#14). (SAS files labeled as JUN89)..
3. APR90 Incremental update of RES (#03-#07) and RSDP (#01-#02)
- 3b. AUG90 Incremental update of COM (#08-#09), CAP (#10), PES (#11), MET (#12), and NOAA (#14).
4. DEC90 Incremental update of all studies (#01-#14). Ending date is early Nov90.
- 4b. FEB91 Incremental update of RES (#03-#07), RSDP (#01-#02), MET (#12), MFM (#13) for Dec90-Jan91 only.
- 4c. APR91 Incremental update of RES (#03-#07), RSDP (#01-#02), MET (#12), MFM (#13) for Nov90 only.
5. JUL91 Complete transfer (TCB2 format), all studies, for 1990-1991 only.
- 6a. DEC91 Complete transfer (Channel level, TCB2 format), all studies, 1984-1991. Ending date is early Dec91.
- 6b. FEB92 Complete transfer (End-Use level PADS, TCB2 format), all studies, 1984-1991. Ending date is Dec91.

7 JUN92

SAS/PADS

The ELCAP data at BPA

	Date Revised
DATASETS	06/21/91
[ELCAP STUDIES]	
[SYSTEM PEAK]	
[HOLIDAYS]	
UTILITY/METSITE CODES	05/08/91
END USE DEFINITIONS	05/08/91
[RESIDENTIAL METERING]	
[COMMERCIAL METERING]	
[METEOROLOGICAL METERING]	
RESCHAR	05/08/91
COMCHAR	05/08/91
CHARACTERISTICS DATABASE (CDB)	06/21/91
CHRONO	06/21/91
SPECIALTY END USES	05/08/91
HOURLY	05/08/91
MONTHLY PROFILE	05/08/91
MONTHLY	05/08/91
[ANNUAL]	
[HARD COPY INFORMATION]	

[...] = IN PREPARATION

SAS/PADS DATASETS (JUN92)

The JUN92 pads is an incremental update, primarily covering calendar year 1992. A few sites were updated for prior years. The data is now stored in SAS version 6.07 format.

MONTHLY ENGINEERING DATA

DSN=RPEE.RLCAP.ELCAP.M.JUN92

<u>name</u>	<u>obs</u>	
M_RES	288065	Residential Base
M_RSDP	127358	Res Stds Demonstration Project
M_COM	141133	Commercial Base
M_CAP	40276	Commercial Audit Program
M_PES	7754	Purchase of Energy Savings
M_NWS	33441	National Weather Service
M_MFM	37825	Multi-Family & Manufactured

MONTHLY PROFILE ENGINEERING DATA

DSN=RPEE.RLCAP.ELCAP.MP.JUN92R

<u>name</u>	<u>obs</u>	
MP_RES	241583	Residential Base
MP_RSDP	112056	Res Stds Demonstration Project
MP_MFM	28795	Multi-Family & Manufactured
MP2_RES	480192	Residential Base
MP2_RSDP	222850	Res Stds Demonstration Project
MP2_MFM	56919	Multi-Family & Manufactured

DSN=RPEE.RLCAP.ELCAP.MP.JUN92C

<u>name</u>	<u>obs</u>	
MP_COM	115940	Commercial Base
MP_CAP	34054	Commercial Audit Program
MP_PES	5871	Purchase of Energy Savings
MP2_COM	230464	Commercial Base
MP2_CAP	67715	Commercial Audit Program
MP2_PES	11414	Purchase of Energy Savings

DSN=RPEE.RLCAP.ELCAP.MP.JUN92M

<u>name</u>	<u>obs</u>	
MP_NWS	29348	National Weather Service
MP2_NWS	58432	National Weather Service

CHARACTERISTICS DATA

DSN=RPEE.RLCAP.ELCAP.CHAR.SASDB

<u>name</u>	<u>obs</u>	<u>tracks</u>	
RESCHAR	523	12	Res. Characteristics Summary
COMCHAR	158	5	Com. Characteristics Summary
SPEU_RES	94	1	Specialty End Uses - Residential
SPEU_COM	94	1	Specialty End Uses - Commercial
CHRONO	3072	13	Residential CHRONO File

FORMAT LIBRARIES

DSN=RPEE.RLCAP.ELCAP.CHAR.FORMATS

Formats relating to characteristics data (see RESCHAR, COMCHAR datasets)

\$B1009X.
\$B1010X.
\$SC006X.
\$SC019X.
FRC002X.
FRC003AX.
FRC003X.
FRC006X.
FRC007X.
FRC008X.
FRC009X.
FRC011X.
FRC012X.
FRC015X.
FRC016X.
FRC019X.
FRC021X.
FRC0248X.
FRC024X.
METSITE.
NA.
SC004X.
SC005X.
SC007X.
SC008X.
SC009X.
SC017X.
SF002X.
SF003X.
SF004X.
SF012X.
SF013X.
SOURCE.

DSN=RPEE.RLCAP.ELCAP.FORMATS

Formats relating to engineering data (see M, MP datasets)

\$EDGEID.
\$ENDUSE.
\$SC006X.
\$UNITS.
DOW.
EU.
MEASURE.

HOURLY DATA SETS:

The hourly engineering data is organized by study group, and further subdivided by year and sub-groups. The general name for the datasets is:

RPEE.RLCAP.KGR.ELCAP.H.JUN92.#<xx>Y<yy>

where <xx> is the group number assigned to a site, and <yy> is the year. Each tape file has one SAS dataset, with the name 'HOURLY'.

The data is subdivided into group numbers as a means of controlling the size of individual SAS datasets, thus facilitating data management of these large datasets. Group numbers are arbitrarily assigned such that any individual SAS dataset will not exceed 1000 disk tracks (which is approximately 400,000 observations). The group number for a site does not change from year to year.

INDEX TO HOURLY DATA SETS:

There are presently 109 datasets, on 12 tapes. The site data is grouped as follows:

GROUP	STUDY	YR	-SITE LOW	RANGE- HIGH	#SITES	#OBS	DSN	VOLSER/SEQ
01	RSDP	84	34	- 35	2	15738	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y84	109750 /14
01	RSDP	85	34	- 213	49	355446	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y85	109750 /01
01	RSDP	86	34	- 228	49	367044	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y86	110308 /01
01	RSDP	87	34	- 228	48	347449	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y87	110087 /01
01	RSDP	88	34	- 228	45	328342	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y88	100316 /01
01	RSDP	89	34	- 213	41	258346	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y89	109856 /01
01	RSDP	90	34	- 213	31	200628	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y90	100105 /01
01	RSDP	91	63	- 202	22	150121	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y91	103163 /01
01	RSDP	92	63	- 202	21	64340	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y92	109866 /01
02	RSDP	85	252	- 518	49	349383	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y85	109750 /02
02	RSDP	86	252	- 522	54	398144	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y86	110308 /02
02	RSDP	87	252	- 522	51	372158	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y87	110087 /02
02	RSDP	88	252	- 522	48	351050	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y88	100316 /02
02	RSDP	89	252	- 522	45	306050	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y89	109856 /02
02	RSDP	90	252	- 522	40	284989	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y90	100105 /02
02	RSDP	91	252	- 522	36	254772	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y91	103163 /02
02	RSDP	92	252	- 518	31	95643	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y92	109866 /02
03	RES	84	6	- 58	23	125401	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y84	109750 /15
03	RES	85	4	- 125	65	345612	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y85	109750 /03
03	RES	86	3	- 125	69	410557	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y86	110308 /03
03	RES	87	3	- 125	69	387226	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y87	110087 /03
03	RES	88	3	- 125	65	367194	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y88	100316 /03
03	RES	89	6	- 125	56	271062	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y89	109856 /03
03	RES	90	6	- 125	40	204271	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y90	100105 /03
03	RES	91	6	- 125	26	129495	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y91	103163 /03
03	RES	92	6	- 125	20	45935	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y92	109866 /03
04	RES	85	128	- 240	76	406249	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y85	109750 /04
04	RES	86	127	- 240	77	437546	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y86	110308 /04
04	RES	87	127	- 240	77	425974	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y87	110087 /04
04	RES	88	126	- 240	72	406864	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y88	100316 /04
04	RES	89	126	- 240	68	373374	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y89	109856 /04
04	RES	90	127	- 240	62	314181	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y90	100105 /04
04	RES	91	127	- 238	46	230695	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y91	103163 /04
04	RES	92	127	- 238	38	88933	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y92	109866 /04
05	RES	85	241	- 380	71	404183	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y85	109750 /05
05	RES	86	241	- 380	73	424625	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y86	110308 /05
05	RES	87	241	- 380	74	409808	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y87	110087 /05
05	RES	88	242	- 380	70	392270	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y88	100316 /05
05	RES	89	242	- 380	57	276176	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y89	109856 /05
05	RES	90	242	- 380	43	227391	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y90	100105 /05
05	RES	91	242	- 380	31	159586	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y91	103163 /05
05	RES	92	242	- 379	24	55953	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y92	109866 /05
06	RES	85	381	- 475	61	354243	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y85	109750 /06
06	RES	86	381	- 475	70	400675	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y86	110308 /06
06	RES	87	381	- 475	67	381046	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y87	110087 /06
06	RES	88	381	- 475	64	368306	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y88	100316 /06
06	RES	89	381	- 475	60	315363	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y89	109856 /06
06	RES	90	381	- 475	54	283128	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y90	100105 /06

06	RES	91	381 - 475	34	172604	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y91	103163 /06
06	RES	92	381 - 474	28	65206	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y92	109866 /06
07	RES	85	481 - 523	26	146026	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y85	109750 /07
07	RES	86	481 - 526	34	196233	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y86	110308 /07
07	RES	87	481 - 759	35	196478	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y87	110087 /07
07	RES	88	481 - 759	31	176230	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y88	100316 /07
07	RES	89	481 - 759	29	137177	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y89	109856 /07
07	RES	90	483 - 759	20	93516	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y90	100105 /07
07	RES	91	483 - 759	13	60164	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y91	103163 /07
07	RES	92	483 - 524	9	20875	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y92	109866 /07
08	COM	84	2 - 14	4	24004	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y84	109750 /16
08	COM	85	2 - 532	32	207542	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y85	109750 /08
08	COM	86	2 - 588	55	442195	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y86	108430 /01
08	COM	87	2 - 588	53	416906	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y87	108351 /01
08	COM	88	2 - 588	51	390629	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y88	109906 /01
08	COM	89	7 - 588	45	360575	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y89	109265 /01
08	COM	90	7 - 588	43	344281	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y90	100105 /08
08	COM	91	7 - 588	39	310715	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y91	103163 /08
08	COM	92	7 - 587	37	124944	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y92	109866 /08
09	COM	85	6045 - 6046	2	12996	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y85	109750 /09
09	COM	86	591 - 6049	47	382520	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y86	108430 /02
09	COM	87	591 - 6049	49	386634	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y87	108351 /02
09	COM	88	591 - 6049	48	372367	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y88	109906 /02
09	COM	89	591 - 6049	44	356210	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y89	109265 /02
09	COM	90	591 - 6049	45	348246	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y90	100105 /09
09	COM	91	591 - 6049	43	336776	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y91	103163 /09
09	COM	92	591 - 6049	39	133136	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y92	109866 /09
10	PES	85	273 - 274	2	14600	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y85	109750 /10
10	PES	86	273 - 726	7	52273	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y86	108430 /03
10	PES	87	273 - 726	7	57305	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y87	108351 /03
10	PES	88	273 - 726	7	57959	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y88	109906 /03
10	PES	89	273 - 713	5	36850	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y89	109265 /03
10	PES	90	273 - 713	4	33370	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y90	100105 /10
10	PES	91	273 - 713	3	13463	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y91	103163 /10
10	PES	92	273 - 273	1	4104	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y92	109866 /10
11	CAP	84	48 - 48	1	8052	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y84	109750 /17
11	CAP	85	48 - 534	10	66809	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y85	109750 /11
11	CAP	86	48 - 747	32	266450	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y86	108430 /04
11	CAP	87	48 - 747	32	262564	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y87	108351 /04
11	CAP	88	48 - 747	31	224700	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y88	109906 /04
11	CAP	89	285 - 762	24	193349	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y89	109265 /04
11	CAP	90	285 - 762	20	171830	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y90	100105 /11
11	CAP	91	285 - 762	18	146283	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y91	103163 /11
11	CAP	92	285 - 762	15	54720	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y92	109866 /11
13	MAN/MFM	85	187 - 6397	10	70445	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y85	109750 /12
13	MAN/MFM	86	187 - 6663	60	322597	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y86	108430 /05
13	MAN/MFM	87	187 - 6663	61	364165	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y87	108351 /05
13	MAN/MFM	88	187 - 6663	59	316603	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y88	109906 /05
13	MAN/MFM	89	187 - 6663	43	182816	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y89	109265 /05
13	MAN/MFM	90	187 - 6397	11	72395	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y90	100105 /12
13	MAN/MFM	91	187 - 6397	6	33088	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y91	103163 /12
13	MAN/MFM	92	188 - 6397	2	6080	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y92	109866 /12
14	NWS	84	9001 - 9311	56	235338	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y84	109750 /18
14	NWS	85	9001 - 9311	53	220985	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y85	109750 /13
14	NWS	86	9001 - 9307	50	203847	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y86	108430 /06
14	NWS	87	9001 - 9307	46	207685	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y87	108351 /06
14	NWS	88	9001 - 9307	46	203830	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y88	109906 /06
14	NWS	89	9001 - 9305	44	197690	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y89	109265 /06
14	NWS	90	9001 - 9030	20	114975	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y90	100105 /13
14	NWS	91	9001 - 9030	20	114975	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y91	103163 /13
14	NWS	92	9030 - 9030	1	1001	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y92	109866 /13

SITE - GROUP#NBR - STUDY CROSS-REFERENCE

The following is a list of all site numbers appearing in the hourly data, with the sites' associated 'group number' (tape file group) and study group.

SITE	GRP#	STUDY	0082	11	CAP	0163	04	RES	0242	05	RES	0324	02	RSDP
			0083	03	RES	0164	04	RES	0243	05	RES	0325	02	RSDP
0002	08	COM	0084	03	RES	0165	04	RES	0244	05	RES	0326	02	RSDP
0003	03	RES	0085	03	RES	0166	01	RSDP	0245	05	RES	0327	02	RSDP
0004	03	RES	0086	03	RES	0168	04	RES	0246	05	RES	0328	13	MAN/MFM
0005	08	COM	0087	03	RES	0169	04	RES	0247	05	RES	0329	02	RSDP
0006	03	RES	0088	03	RES	0170	04	RES	0248	05	RES	0330	05	RES
0007	08	COM	0089	01	RSDP	0171	04	RES	0249	05	RES	0331	05	RES
0008	08	COM	0090	01	RSDP	0172	04	RES	0250	05	RES	0332	05	RES
0009	08	COM	0091	03	RES	0173	04	RES	0251	05	RES	0333	05	RES
0011	08	COM	0092	03	RES	0174	04	RES	0252	02	RSDP	0334	05	RES
0012	08	COM	0093	03	RES	0175	01	RSDP	0253	05	RES	0335	05	RES
0013	08	COM	0094	01	RSDP	0176	04	RES	0254	05	RES	0336	05	RES
0014	08	COM	0095	01	RSDP	0177	04	RES	0255	05	RES	0337	02	RSDP
0016	03	RES	0096	01	RSDP	0178	01	RSDP	0256	05	RES	0338	02	RSDP
0017	03	RES	0097	01	RSDP	0179	04	RES	0257	02	RSDP	0339	02	RSDP
0018	08	COM	0098	01	RSDP	0180	04	RES	0258	02	RSDP	0340	02	RSDP
0019	03	RES	0099	01	RSDP	0181	01	RSDP	0259	05	RES	0341	02	RSDP
0020	03	RES	0100	01	RSDP	0182	04	RES	0260	05	RES	0342	02	RSDP
0021	03	RES	0101	01	RSDP	0183	04	RES	0261	05	RES	0343	05	RES
0022	03	RES	0102	01	RSDP	0184	04	RES	0262	05	RES	0344	05	RES
0023	03	RES	0103	01	RSDP	0185	04	RES	0263	05	RES	0345	05	RES
0024	03	RES	0104	01	RSDP	0186	04	RES	0264	05	RES	0346	05	RES
0025	03	RES	0105	01	RSDP	0187	13	MAN/MFM	0265	05	RES	0347	05	RES
0026	03	RES	0106	01	RSDP	0188	13	MAN/MFM	0266	05	RES	0348	05	RES
0027	03	RES	0107	01	RSDP	0189	13	MAN/MFM	0267	05	RES	0349	05	RES
0028	03	RES	0108	01	RSDP	0190	01	RSDP	0268	05	RES	0350	05	RES
0029	03	RES	0109	01	RSDP	0191	04	RES	0269	05	RES	0351	05	RES
0030	03	RES	0110	01	RSDP	0192	04	RES	0270	05	RES	0352	05	RES
0031	03	RES	0111	01	RSDP	0193	13	MAN/MFM	0271	05	RES	0353	05	RES
0032	03	RES	0112	01	RSDP	0194	13	MAN/MFM	0272	05	RES	0354	05	RES
0033	03	RES	0113	01	RSDP	0195	13	MAN/MFM	0273	10	PES	0356	02	RSDP
0034	01	RSDP	0114	01	RSDP	0196	13	MAN/MFM	0274	10	PES	0357	05	RES
0035	01	RSDP	0115	01	RSDP	0197	01	RSDP	0276	05	RES	0358	05	RES
0036	08	COM	0116	01	RSDP	0198	01	RSDP	0277	02	RSDP	0359	05	RES
0037	08	COM	0117	01	RSDP	0199	01	RSDP	0278	02	RSDP	0360	02	RSDP
0039	03	RES	0118	03	RES	0200	01	RSDP	0279	02	RSDP	0361	02	RSDP
0040	08	COM	0119	03	RES	0201	01	RSDP	0280	02	RSDP	0362	02	RSDP
0041	08	COM	0121	03	RES	0202	01	RSDP	0281	08	COM	0363	05	RES
0042	03	RES	0122	03	RES	0203	04	RES	0282	08	COM	0364	05	RES
0043	03	RES	0123	03	RES	0204	04	RES	0283	08	COM	0365	05	RES
0044	03	RES	0124	03	RES	0205	04	RES	0284	08	COM	0366	05	RES
0045	03	RES	0125	03	RES	0206	04	RES	0285	11	CAP	0367	05	RES
0046	03	RES	0126	04	RES	0207	04	RES	0286	11	CAP	0368	05	RES
0047	03	RES	0127	04	RES	0208	04	RES	0287	11	CAP	0369	05	RES
0048	11	CAP	0128	04	RES	0209	04	RES	0289	08	COM	0370	05	RES
0049	03	RES	0129	04	RES	0210	04	RES	0290	11	CAP	0371	05	RES
0050	03	RES	0130	04	RES	0211	04	RES	0292	11	CAP	0372	05	RES
0051	03	RES	0131	04	RES	0212	04	RES	0293	08	COM	0373	05	RES
0052	03	RES	0132	04	RES	0213	01	RSDP	0294	08	COM	0374	05	RES
0053	03	RES	0133	04	RES	0214	04	RES	0295	11	CAP	0375	05	RES
0054	03	RES	0134	04	RES	0215	04	RES	0297	08	COM	0376	05	RES
0055	03	RES	0135	04	RES	0216	04	RES	0298	08	COM	0377	05	RES
0056	03	RES	0136	04	RES	0217	04	RES	0299	08	COM	0378	05	RES
0057	03	RES	0137	04	RES	0218	04	RES	0300	08	COM	0379	05	RES
0058	03	RES	0138	04	RES	0219	04	RES	0301	02	RSDP	0380	05	RES
0060	03	RES	0139	04	RES	0220	04	RES	0302	02	RSDP	0381	06	RES
0061	03	RES	0141	01	RSDP	0221	04	RES	0303	02	RSDP	0382	06	RES
0062	03	RES	0142	01	RSDP	0222	04	RES	0304	02	RSDP	0383	06	RES
0063	01	RSDP	0143	04	RES	0223	04	RES	0305	02	RSDP	0384	06	RES
0064	01	RSDP	0144	04	RES	0224	04	RES	0306	02	RSDP	0385	06	RES
0065	03	RES	0145	04	RES	0225	04	RES	0307	02	RSDP	0386	06	RES
0066	03	RES	0146	04	RES	0226	04	RES	0308	02	RSDP	0387	06	RES
0067	03	RES	0147	04	RES	0227	04	RES	0309	02	RSDP	0388	06	RES
0068	03	RES	0148	08	COM	0228	01	RSDP	0310	02	RSDP	0389	06	RES
0069	03	RES	0149	04	RES	0229	04	RES	0311	02	RSDP	0390	06	RES
0070	03	RES	0150	04	RES	0230	04	RES	0312	02	RSDP	0391	06	RES
0071	03	RES	0151	04	RES	0232	04	RES	0313	05	RES	0392	06	RES
0072	03	RES	0152	04	RES	0233	04	RES	0314	02	RSDP	0393	06	RES
0073	03	RES	0154	04	RES	0234	04	RES	0315	05	RES	0394	06	RES
0074	03	RES	0155	04	RES	0235	04	RES	0316	05	RES	0395	06	RES
0075	03	RES	0156	04	RES	0236	04	RES	0317	05	RES	0396	06	RES
0076	03	RES	0157	01	RSDP	0237	04	RES	0318	02	RSDP	0397	06	RES
0077	03	RES	0158	01	RSDP	0238	04	RES	0319	05	RES	0398	06	RES
0078	03	RES	0159	01	RSDP	0239	04	RES	0320	02	RSDP	0399	06	RES
0079	11	CAP	0160	01	RSDP	0240	04	RES	0321	02	RSDP	0400	06	RES
0081	11	CAP	0161	01	RSDP	0241	05	RES	0323	02	RSDP	0401	06	RES

0402 06 RES	0493 07 RES	0616 13 MAN/MFM	6042 09 COM
0403 06 RES	0494 02 RSDP	0617 13 MAN/MFM	6043 09 COM
0404 06 RES	0495 07 RES	0618 13 MAN/MFM	6045 09 COM
0405 06 RES	0496 07 RES	0619 13 MAN/MFM	6046 09 COM
0406 06 RES	0497 07 RES	0620 13 MAN/MFM	6047 09 COM
0407 06 RES	0498 02 RSDP	0621 13 MAN/MFM	6049 09 COM
0408 02 RSDP	0499 02 RSDP	0622 13 MAN/MFM	6187 13 MAN/MFM
0409 02 RSDP	0500 02 RSDP	0623 13 MAN/MFM	6193 13 MAN/MFM
0410 02 RSDP	0501 02 RSDP	0624 13 MAN/MFM	6397 13 MAN/MFM
0411 06 RES	0502 07 RES	0625 13 MAN/MFM	6529 13 MAN/MFM
0412 06 RES	0503 07 RES	0626 13 MAN/MFM	6615 13 MAN/MFM
0413 06 RES	0504 07 RES	0627 13 MAN/MFM	6628 13 MAN/MFM
0414 06 RES	0505 07 RES	0631 13 MAN/MFM	6663 13 MAN/MFM
0415 06 RES	0506 02 RSDP	0632 13 MAN/MFM	9001 14 NWS
0417 06 RES	0507 07 RES	0633 13 MAN/MFM	9002 14 NWS
0418 06 RES	0508 07 RES	0634 13 MAN/MFM	9003 14 NWS
0419 06 RES	0509 07 RES	0635 13 MAN/MFM	9004 14 NWS
0420 06 RES	0510 07 RES	0636 13 MAN/MFM	9005 14 NWS
0421 06 RES	0512 07 RES	0637 13 MAN/MFM	9006 14 NWS
0422 06 RES	0513 07 RES	0638 13 MAN/MFM	9007 14 NWS
0423 06 RES	0514 07 RES	0639 13 MAN/MFM	9008 14 NWS
0424 06 RES	0515 07 RES	0640 13 MAN/MFM	9009 14 NWS
0425 06 RES	0516 07 RES	0641 13 MAN/MFM	9010 14 NWS
0426 06 RES	0517 07 RES	0642 13 MAN/MFM	9011 14 NWS
0427 06 RES	0518 02 RSDP	0643 13 MAN/MFM	9012 14 NWS
0428 06 RES	0519 07 RES	0644 13 MAN/MFM	9013 14 NWS
0429 06 RES	0520 02 RSDP	0645 13 MAN/MFM	9014 14 NWS
0430 06 RES	0521 07 RES	0646 13 MAN/MFM	9015 14 NWS
0431 06 RES	0522 02 RSDP	0654 13 MAN/MFM	9016 14 NWS
0432 06 RES	0523 07 RES	0655 13 MAN/MFM	9017 14 NWS
0433 06 RES	0524 07 RES	0656 13 MAN/MFM	9018 14 NWS
0434 06 RES	0525 13 MAN/MFM	0657 13 MAN/MFM	9019 14 NWS
0435 06 RES	0526 07 RES	0658 13 MAN/MFM	9030 14 NWS
0436 06 RES	0527 13 MAN/MFM	0659 13 MAN/MFM	9051 14 NWS
0437 06 RES	0528 13 MAN/MFM	0660 13 MAN/MFM	9052 14 NWS
0438 06 RES	0529 13 MAN/MFM	0661 13 MAN/MFM	9053 14 NWS
0439 06 RES	0530 13 MAN/MFM	0662 13 MAN/MFM	9101 14 NWS
0441 08 COM	0532 08 COM	0663 13 MAN/MFM	9103 14 NWS
0442 08 COM	0533 11 CAP	0664 07 RES	9104 14 NWS
0443 08 COM	0534 11 CAP	0665 13 MAN/MFM	9105 14 NWS
0444 08 COM	0535 11 CAP	0666 13 MAN/MFM	9106 14 NWS
0445 11 CAP	0536 11 CAP	0667 13 MAN/MFM	9108 14 NWS
0446 08 COM	0538 08 COM	0668 13 MAN/MFM	9110 14 NWS
0447 08 COM	0540 10 PES	0681 11 CAP	9111 14 NWS
0448 08 COM	0541 11 CAP	0690 09 COM	9112 14 NWS
0449 11 CAP	0544 11 CAP	0691 09 COM	9113 14 NWS
0450 11 CAP	0546 08 COM	0697 09 COM	9114 14 NWS
0451 11 CAP	0547 08 COM	0705 11 CAP	9115 14 NWS
0452 06 RES	0548 08 COM	0707 09 COM	9116 14 NWS
0453 11 CAP	0550 08 COM	0712 10 PES	9118 14 NWS
0455 11 CAP	0554 11 CAP	0713 10 PES	9119 14 NWS
0456 08 COM	0555 11 CAP	0714 11 CAP	9131 14 NWS
0457 08 COM	0556 11 CAP	0716 09 COM	9133 14 NWS
0458 08 COM	0558 08 COM	0717 09 COM	9204 14 NWS
0460 08 COM	0559 08 COM	0722 09 COM	9208 14 NWS
0461 06 RES	0560 08 COM	0723 09 COM	9212 14 NWS
0462 06 RES	0562 08 COM	0724 09 COM	9215 14 NWS
0463 06 RES	0564 08 COM	0726 10 PES	9232 14 NWS
0464 06 RES	0565 08 COM	0731 09 COM	9301 14 NWS
0465 06 RES	0566 08 COM	0735 09 COM	9302 14 NWS
0466 06 RES	0569 08 COM	0736 09 COM	9303 14 NWS
0467 06 RES	0571 08 COM	0738 09 COM	9304 14 NWS
0468 06 RES	0580 08 COM	0744 09 COM	9305 14 NWS
0469 06 RES	0582 11 CAP	0747 11 CAP	9306 14 NWS
0470 06 RES	0583 10 PES	0751 09 COM	9307 14 NWS
0471 06 RES	0586 08 COM	0752 09 COM	9308 14 NWS
0472 06 RES	0587 08 COM	0753 09 COM	9309 14 NWS
0473 06 RES	0588 08 COM	0756 09 COM	9310 14 NWS
0474 06 RES	0591 09 COM	0758 07 RES	9311 14 NWS
0475 06 RES	0593 09 COM	0759 07 RES	
0476 02 RSDP	0594 09 COM	0762 11 CAP	
0477 02 RSDP	0595 09 COM	0766 09 COM	
0478 02 RSDP	0597 09 COM	6010 09 COM	
0479 02 RSDP	0598 09 COM	6011 09 COM	
0480 02 RSDP	0599 09 COM	6017 09 COM	
0481 07 RES	0600 09 COM	6018 09 COM	
0482 07 RES	0601 09 COM	6019 09 COM	
0483 07 RES	0602 09 COM	6020 09 COM	
0484 07 RES	0605 11 CAP	6021 09 COM	
0485 07 RES	0607 11 CAP	6022 09 COM	
0487 07 RES	0610 09 COM	6023 09 COM	
0488 07 RES	0611 13 MAN/MFM	6025 09 COM	
0489 07 RES	0612 13 MAN/MFM	6027 09 COM	
0490 07 RES	0613 13 MAN/MFM	6028 09 COM	
0491 07 RES	0614 13 MAN/MFM	6029 09 COM	
0492 07 RES	0615 13 MAN/MFM	6035 09 COM	

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NOTE: Running on IBM Model 3090 Serial Number 072899,
 IBM Model 3090 Serial Number 172899,
 IBM Model 3090 Serial Number 272899.

To suppress startup message invoke SAS with OPTIONS('NONNEWS NONOTES').
 Begin SAS program with OPTIONS NOTES; .

If you have any problems, concerns or questions please call the Help
 Desk at 230-4357 and ask for the SAS consultant.

NOTE: The SASUSER library was not specified. SASUSER library will now be the same
 NOTE: All data sets and catalogs in the SASUSER library will be deleted at the
 prevent their deletion.

NOTE: SAS system options specified are:
 SORT=4

NOTE: The initialization phase used 0.19 CPU seconds and 2896K.

1 OPTIONS LS=104 PS=85 NOCENTER;
 2
 3 PROC DATASETS DDNAME=M DETAILS;
 -----Directory-----

Libref: M
 Engine: V607
 Physical Name: RPEE.RLCAP.ELCAP.M.JUN92
 Unit: DISK
 Volume: RSTD03
 Disposition: SHR
 Device: 3380
 Blocksize: 23040
 Blocks per Track: 2
 Total Library Blocks: 2686
 Total Used Blocks: 2686
 Total Free Blocks: 0
 Highest Used Block: 2686
 Highest Formatted Block: 2686
 Members: 7

#	Name	Mentype	Obs or Entries	Vars	Label	Indexes
1	M_CAP	DATA	40276	23		
2	M_COM	DATA	141133	23		
3	M_MFM	DATA	37825	23		
4	M_NWS	DATA	33441	23		
5	M_PES	DATA	7754	23		
6	M_RES	DATA	288065	23		
7	M_RSDP	DATA	127358	23		

NOTE: The PROCEDURE DATASETS used 0.07 CPU seconds and 3183K.

4 PROC DATASETS DDNAME=MPC DETAILS;
 -----Directory-----

Libref: MPC
 Engine: V607
 Physical Name: RPEE.RLCAP.ELCAP.MP.JUN92C
 Unit: DISK
 Volume: BPA066
 Disposition: SHR
 Device: 3380
 Blocksize: 23040
 Blocks per Track: 2
 Total Library Blocks: 3768
 Total Used Blocks: 3681
 Total Free Blocks: 87
 Highest Used Block: 3681
 Highest Formatted Block: 3768
 Members: 6

#	Name	Mentype	Obs or Entries	Vars	Label	Indexes
1	MP_CAP	DATA	34054	59		
2	MP_COM	DATA	115940	59		
3	MP_PES	DATA	5871	59		
4	MP2_CAP	DATA	67715	59		
2	The SAS System					

11:59 Sat

#	Name	Mentype	Obs or Entries	Vars	Label	Indexes
5	MP2_COM	DATA	230464	59		
6	MP2_PES	DATA	11414	59		

NOTE: The PROCEDURE DATASETS used 0.06 CPU seconds and 3183K.

5 PROC DATASETS DDNAME=MPM DETAILS;
 -----Directory-----

Libref: MPM
 Engine: V607
 Physical Name: RPEE.RLCAP.ELCAP.MP.JUN92M
 Unit: DISK
 Volume: RSTD02
 Disposition: SHR
 Device: 3380
 Blocksize: 23040
 Blocks per Track: 2
 Total Library Blocks: 790
 Total Used Blocks: 726
 Total Free Blocks: 64
 Highest Used Block: 726
 Highest Formatted Block: 790
 Members: 2

#	Name	Mentype	Obs or Entries	Vars	Label	Indexes
1	MP_NWS	DATA	29348	59		
2	MP2_NWS	DATA	58432	59		

NOTE: The PROCEDURE DATASETS used 0.04 CPU seconds and 3183K.

6 PROC DATASETS DDNAME=MPR DETAILS;
 -----Directory-----

Libref: MPR
 Engine: V607
 Physical Name: RPEE.RLCAP.ELCAP.MP.JUN92R
 Unit: DISK
 Volume: SST006
 Disposition: SHR
 Device: 3380
 Blocksize: 23040
 Blocks per Track: 2
 Total Library Blocks: 9200
 Total Used Blocks: 8810
 Total Free Blocks: 390
 Highest Used Block: 8810
 Highest Formatted Block: 8920
 Members: 6

#	Name	Mentype	Obs or Entries	Vars	Label	Indexes
1	MP_MFM	DATA	28795	59		
2	MP_RES	DATA	241583	59		
3	MP_RSDP	DATA	112056	59		
4	MP2_MFM	DATA	56919	59		
5	MP2_RES	DATA	480192	59		
6	MP2_RSDP	DATA	222850	59		
7	MPROC DATASETS DDNAME=INDEX DETAILS;					

NOTE: The PROCEDURE DATASETS used 0.07 CPU seconds and 3183K.

8 PROC DATASETS DDNAME=ZAPS DETAILS;
 -----Directory-----

Libref: ZAPS
 Engine: V607
 Physical Name: RPEE.RLCAP.KGR.ELCAP.ZAPS.JUN92
 Unit: DISK
 Volume: BPA036
 Disposition: SHR
 Device: 3380
 Blocksize: 23040
 Blocks per Track: 2
 Total Library Blocks: 528
 Total Used Blocks: 516
 Total Free Blocks: 12
 3 The SAS System

Highest Used Block: 524
 Highest Formatted Block: 528
 Members: 12

11:59 Sat

#	Name	Mentype	Obs or Entries	Vars	Label	Indexes
1	ZAP_CAP	DATA	1647	8		
2	ZAP_COM	DATA	6084	8		
3	ZAP_MFM	DATA	1512	8		
4	ZAP_PES	DATA	324	8		
5	ZAP_RES	DATA	12162	8		
6	ZAP_RSDP	DATA	3972	8		
7	ZHR_CAP	DATA	18051	26		
8	ZHR_COM	DATA	70266	26		
9	ZHR_MFM	DATA	6225	26		
10	ZHR_PES	DATA	4825	26		
11	ZHR_RES	DATA	32640	26		
12	ZHR_RSDP	DATA	9928	26		

NOTE: The PROCEDURE DATASETS used 0.09 CPU seconds and 3183K.

NOTE: The SAS session used 0.55 CPU seconds and 3183K.
 NOTE: SAS Institute Inc., SAS Campus Drive, Cary, NC USA 27513-2414

INDEX TO ELCAP HOURLY TAPE DATASETS

12:31 Saturday, November 21, 1992 1

GROUP	STUDY	YR	LOW	HIGH	#SITES	#OBS	DSN	VOLSER/SEQ
01	RSDP	84	34	- 35	2	15738	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y84	109750 /14
01	RSDP	85	34	- 213	49	353446	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y85	109750 /01
01	RSDP	86	34	- 228	49	367044	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y86	110308 /01
01	RSDP	87	34	- 228	48	347449	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y87	110087 /01
01	RSDP	88	34	- 228	45	328342	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y88	100316 /01
01	RSDP	89	34	- 213	41	258346	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y89	109856 /01
01	RSDP	90	34	- 213	31	200628	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y90	100105 /01
01	RSDP	91	63	- 202	22	150121	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y91	103163 /01
01	RSDP	92	63	- 202	21	64340	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#01Y92	109866 /01
02	RSDP	85	252	- 518	49	349383	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y85	109750 /02
02	RSDP	86	252	- 522	54	398144	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y86	110308 /02
02	RSDP	87	252	- 522	51	372158	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y87	110087 /02
02	RSDP	88	252	- 522	48	351050	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y88	100316 /02
02	RSDP	89	252	- 522	45	306050	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y89	109856 /02
02	RSDP	90	252	- 522	40	284989	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y90	100105 /02
02	RSDP	91	252	- 522	36	254772	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y91	103163 /02
02	RSDP	92	252	- 518	31	95643	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#02Y92	109866 /02
03	RES	84	6	- 58	23	125401	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y84	109750 /15
03	RES	85	4	- 125	65	345612	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y85	109750 /03
03	RES	86	3	- 125	69	410557	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y86	110308 /03
03	RES	87	3	- 125	69	387226	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y87	110087 /03
03	RES	88	3	- 125	65	367194	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y88	100316 /03
03	RES	89	6	- 125	56	271062	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y89	109856 /03
03	RES	90	6	- 125	40	204271	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y90	100105 /03
03	RES	91	6	- 125	26	129495	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y91	103163 /03
03	RES	92	6	- 125	20	45935	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#03Y92	109866 /03
04	RES	85	128	- 240	76	406249	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y85	109750 /04
04	RES	86	127	- 240	77	437546	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y86	110308 /04
04	RES	87	127	- 240	77	425974	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y87	110087 /04
04	RES	88	126	- 240	72	406864	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y88	100316 /04
04	RES	89	126	- 240	68	373374	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y89	109856 /04
04	RES	90	127	- 240	62	314181	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y90	100105 /04
04	RES	91	127	- 238	46	230695	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y91	103163 /04
04	RES	92	127	- 238	38	88933	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#04Y92	109866 /04
05	RES	85	241	- 380	71	404183	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y85	109750 /05
05	RES	86	241	- 380	73	424625	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y86	110308 /05
05	RES	87	241	- 380	74	409808	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y87	110087 /05
05	RES	88	242	- 380	70	392270	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y88	100316 /05
05	RES	89	242	- 380	57	276176	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y89	109856 /05
05	RES	90	242	- 380	43	227391	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y90	100105 /05
05	RES	91	242	- 380	31	159586	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y91	103163 /05
05	RES	92	242	- 379	24	55953	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#05Y92	109866 /05
06	RES	85	381	- 475	61	354243	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y85	109750 /06
06	RES	86	381	- 475	70	400675	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y86	110308 /06
06	RES	87	381	- 475	67	381046	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y87	110087 /06
06	RES	88	381	- 475	64	368306	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y88	100316 /06
06	RES	89	381	- 475	60	315363	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y89	109856 /06
06	RES	90	381	- 475	54	283128	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y90	100105 /06
06	RES	91	381	- 475	34	172604	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y91	103163 /06
06	RES	92	381	- 474	28	65206	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#06Y92	109866 /06

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07	RES	85	481	- 523	26	146026	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y85	109750 /07
07	RES	86	481	- 526	34	196233	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y86	110308 /07
07	RES	87	481	- 759	35	196478	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y87	110087 /07
07	RES	88	481	- 759	31	176230	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y88	100316 /07
07	RES	89	481	- 759	29	137177	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y89	109856 /07
07	RES	90	483	- 759	20	93516	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y90	100105 /07
07	RES	91	483	- 759	13	60164	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y91	103163 /07
07	RES	92	483	- 524	9	20875	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#07Y92	109866 /07
08	COM	84	2	- 14	4	24004	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y84	109750 /16
08	COM	85	2	- 532	32	207542	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y85	109750 /08
08	COM	86	2	- 588	55	442195	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y86	108430 /01
08	COM	87	2	- 588	53	416906	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y87	108351 /01
08	COM	88	2	- 588	51	390629	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y88	109906 /01
08	COM	89	7	- 588	45	360575	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y89	109265 /01
08	COM	90	7	- 588	43	344281	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y90	100105 /08
08	COM	91	7	- 588	39	310715	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y91	103163 /08
08	COM	92	7	- 587	37	124944	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#08Y92	109866 /08
09	COM	85	6045	- 6046	2	12996	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y85	109750 /09
09	COM	86	591	- 6049	47	382520	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y86	108430 /02
09	COM	87	591	- 6049	49	386634	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y87	108351 /02
09	COM	88	591	- 6049	48	372367	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y88	109906 /02
09	COM	89	591	- 6049	44	356210	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y89	109265 /02
09	COM	90	591	- 6049	45	348246	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y90	100105 /09
09	COM	91	591	- 6049	43	336776	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y91	103163 /09
09	COM	92	591	- 6049	39	133136	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#09Y92	109866 /09
10	PES	85	273	- 724	2	14600	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y85	109750 /10
10	PES	86	273	- 726	7	52273	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y86	108430 /03
10	PES	87	273	- 726	7	57305	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y87	108351 /03
10	PES	88	273	- 726	7	57959	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y88	109906 /03
10	PES	89	273	- 713	5	36850	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y89	109265 /03
10	PES	90	273	- 713	4	33370	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y90	100105 /10
10	PES	91	273	- 713	3	13463	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y91	103163 /10
10	PES	92	273	- 273	1	4104	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#10Y92	109866 /10
11	CAP	84	48	- 48	1	8052	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y84	109750 /17
11	CAP	85	48	- 534	10	66809	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y85	109750 /11
11	CAP	86	48	- 747	32	266450	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y86	108430 /04
11	CAP	87	48	- 747	32	262564	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y87	108351 /04
11	CAP	88	48	- 747	31	224700	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y88	109906 /04
11	CAP	89	285	- 762	24	193349	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y89	109265 /04
11	CAP	90	285	- 762	20	171830	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y90	100105 /11
11	CAP	91	285	- 762	18	146283	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y91	103163 /11
11	CAP	92	285	- 762	15	54720	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#11Y92	109866 /11
13	HAN/MFM	85	187	- 6397	10	70445	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y85	109750 /12
13	HAN/MFM	86	187	- 6663	60	322597	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y86	108430 /05
13	HAN/MFM	87	187	- 6663	61	364165	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y87	108351 /05
13	HAN/MFM	88	187	- 6663	59	316603	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y88	109906 /05
13	HAN/MFM	89	187	- 6663	43	182816	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y89	109265 /05
13	HAN/MFM	90	187	- 6397	11	72395	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y90	100105 /12
13	HAN/MFM	91	187	- 6397	6	33088	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y91	103163 /12
13	HAN/MFM	92	188	- 6397	2	6080	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#13Y92	109866 /12
14	NWS	84	9001	- 9311	56	235338	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y84	109750 /18
14	NWS	85	9001	- 9311	53	220985	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y85	109750 /13
14	NWS	86	9001	- 9307	50	203847	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y86	108430 /06

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14	NWS	87	9001 - 9307	46	207685	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y87	108351 /06
14	NWS	88	9001 - 9307	46	203830	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y88	109906 /06
14	NWS	89	9001 - 9305	44	197690	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y89	109265 /06
14	NWS	90	9001 - 9030	20	114975	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y90	100105 /13
14	NWS	91	9001 - 9030	20	114975	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y91	103163 /13
14	NWS	92	9030 - 9030	1	1001	RPEE.RLCAP.KGR.ELCAP.H.JUN92.#14Y92	109866 /13

SAS/PADS DATASETS (FEB92)

The FEB92 pads is a complete update of all sites, for the calendar years 1984 through 1991. These data files replace all previous versions of SAS/PADS.

MONTHLY ENGINEERING DATA

DSN=RPEE.RLCAP.ELCAP.M.FEB92

<u>name</u>	<u>obs</u>	<u>tracks</u>	
M_RES	280527	540	Residential Base
M_RSDP	122768	237	Res Stds Demonstration Project
M_COM	130809	253	Commercial Base
M_CAP	36982	72	Commercial Audit Program
M_PES	7634	16	Purchase of Energy Savings
M_NWS	30600	60	National Weather Service
M_MFM	37655	73	Multi-Family & Manufactured

MONTHLY PROFILE ENGINEERING DATA

DSN=RPEE.RLCAP.ELCAP.MP.FEB92R

<u>name</u>	<u>obs</u>	<u>tracks</u>	
MP_RES	234067	894	Residential Base
MP_RSDP	107639	412	Res Stds Demonstration Project
MP_MFM	28633	110	Multi-Family & Manufactured
MP2_RES	465177	1776	Residential Base
MP2_RSDP	214025	818	Res Stds Demonstration Project
MP2_MFM	56597	217	Multi-Family & Manufactured

DSN=RPEE.RLCAP.ELCAP.MP.FEB92C

<u>name</u>	<u>obs</u>	<u>tracks</u>	
MP_COM	106468	407	Commercial Base
MP_CAP	31004	119	Commercial Audit Program
MP_PES	5754	23	Purchase of Energy Savings
MP2_COM	211665	809	Commercial Base
MP2_CAP	61645	236	Commercial Audit Program
MP2_PES	11181	44	Purchase of Energy Savings

DSN=RPEE.RLCAP.ELCAP.MP.FEB92M

<u>name</u>	<u>obs</u>	<u>tracks</u>	
MP_NWS	26519	102	National Weather Service
MP2_NWS	52774	202	National Weather Service

CHARACTERISTICS DATA

DSN=RPEE.RLCAP.ELCAP.CHAR.SASDB

<u>name</u>	<u>obs</u>	<u>tracks</u>	
RESCHAR	523	12	Res. Characteristics Summary
COMCHAR	158	5	Com. Characteristics Summary
SPEU_RES	94	1	Specialty End Uses - Residential
SPEU_COM	94	1	Specialty End Uses - Commercial
CHRONO	3072	13	Residential CHRONO File

FORMAT LIBRARIES

DSN=RPEE.RLCAP.ELCAP.CHAR.FORMATS

Formats relating to characteristics data (see RESCHAR, COMCHAR datasets)

\$B1009X.
\$B1010X.
\$SC006X.
\$SC019X.
FRC002X.
FRC003AX.
FRC003X.
FRC006X.
FRC007X.
FRC008X.
FRC009X.
FRC011X.
FRC012X.
FRC015X.
FRC016X.
FRC019X.
FRC021X.
FRC024BX.
FRC024X.
METSITE.
NA.
SC004X.
SC005X.
SC007X.
SC008X.
SC009X.
SC017X.
SF002X.
SF003X.
SF004X.
SF012X.
SF013X.
SOURCE.

DSN=RPEE.RLCAP.ELCAP.FORMATS

Formats relating to engineering data (see M, MP datasets)

\$EDGEID.
\$ENDUSE.
\$SC006X.
\$UNITS.
DOW.
EU.
MEASURE.

HOURLY DATA SETS:

The hourly engineering data is organized by study group, and further subdivided by year and sub-groups. The general name for the datasets is:

RPEE.RLCAP.KGR.ELCAP.H.FEB92.<xx>Y<yy>

where <xx> is the group number assigned to a site, and <yy> is the year. Each tape file has one SAS dataset, with the name 'HOURLY'.

The data is subdivided into group numbers as a means of controlling the size of individual SAS datasets, thus facilitating data management of these large datasets. Group numbers are arbitrarily assigned such that any individual SAS dataset will not exceed 1000 disk tracks (which is approximately 400,000 observations). The group number for a site does not change from year to year.

INDEX TO HOURLY DATA SETS:

There are presently 95 datasets, on 10 tapes. The site data is grouped as follows:

GROUP	STUDY	YR	-SITE LOW	RANGE- HIGH	#SITES	#OBS	DSN	VOLSER/SEQ
8	01	RSDP	84	34 - 35	2	15738	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#01Y84	108133 /14
	01	RSDP	85	34 - 213	49	355446	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#01Y85	108133 /01
	01	RSDP	86	34 - 228	49	367044	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#01Y86	102131 /01
	01	RSDP	87	34 - 228	48	347449	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#01Y87	103453 /01
	01	RSDP	88	34 - 228	45	328342	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#01Y88	105338 /01
	01	RSDP	89	34 - 213	41	258346	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#01Y89	106930 /01
	01	RSDP	90	34 - 213	31	200628	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#01Y90	107488 /01
	01	RSDP	91	63 - 202	22	150121	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#01Y91	107591 /01
7	02	RSDP	85	252 - 518	49	348763	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#02Y85	108133 /02
	02	RSDP	86	252 - 522	54	398144	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#02Y86	102131 /02
	02	RSDP	87	252 - 522	51	372158	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#02Y87	103453 /02
	02	RSDP	88	252 - 522	48	351050	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#02Y88	105338 /02
	02	RSDP	89	252 - 522	45	306050	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#02Y89	106930 /02
	02	RSDP	90	252 - 522	40	284989	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#02Y90	107488 /02
	02	RSDP	91	252 - 522	36	254772	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#02Y91	107591 /02
						2023114		
8	03	RES	84	6 - 58	23	125401	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#03Y84	108133 /15
	03	RES	85	4 - 125	65	345612	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#03Y85	108133 /03
	03	RES	86	3 - 125	69	410557	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#03Y86	102131 /03
	03	RES	87	3 - 125	69	387226	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#03Y87	103453 /03
	03	RES	88	3 - 125	65	367194	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#03Y88	105338 /03
	03	RES	89	6 - 125	56	271062	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#03Y89	106930 /03
	03	RES	90	6 - 125	40	204271	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#03Y90	107488 /03
	03	RES	91	6 - 125	26	129495	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#03Y91	107591 /03
7	04	RES	85	128 - 240	76	406249	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#04Y85	108133 /04
	04	RES	86	127 - 240	77	437546	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#04Y86	102131 /04
	04	RES	87	127 - 240	77	425974	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#04Y87	103453 /04
	04	RES	88	126 - 240	72	406864	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#04Y88	105338 /04
	04	RES	89	126 - 240	68	373374	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#04Y89	106930 /04
	04	RES	90	127 - 240	62	314181	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#04Y90	107488 /04
	04	RES	91	127 - 238	46	228973	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#04Y91	107591 /04
						2315926		
7	05	RES	85	241 - 380	71	403703	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#05Y85	108133 /05
	05	RES	86	241 - 380	73	424625	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#05Y86	102131 /05
	05	RES	87	241 - 380	74	409808	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#05Y87	103453 /05
	05	RES	88	242 - 380	70	392270	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#05Y88	105338 /05
	05	RES	89	242 - 380	57	276176	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#05Y89	106930 /05
	05	RES	90	242 - 380	43	227391	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#05Y90	107488 /05
	05	RES	91	242 - 380	31	159586	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#05Y91	107591 /05
						2315926		
7	06	RES	85	381 - 475	61	354243	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#06Y85	108133 /06
	06	RES	86	381 - 475	70	400675	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#06Y86	102131 /06
	06	RES	87	381 - 475	67	381046	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#06Y87	103453 /06
	06	RES	88	381 - 475	64	368306	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#06Y88	105338 /06
	06	RES	89	381 - 475	60	315363	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#06Y89	106930 /06
	06	RES	90	381 - 475	54	282712	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#06Y90	107488 /06
	06	RES	91	381 - 475	34	172604	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#06Y91	107591 /06
						2315926		
7	07	RES	85	481 - 523	26	146026	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#07Y85	108133 /07
	07	RES	86	481 - 526	34	196233	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#07Y86	102131 /07
	07	RES	87	481 - 759	35	196478	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#07Y87	103453 /07

4339040
~11888 + 211

07	RES	88	481 - 759	31	176230	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#07Y88	105338	/07
07	RES	89	481 - 759	29	137177	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#07Y89	106930	/07
07	RES	90	483 - 759	20	93516	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#07Y90	107488	/07
07	RES	91	483 - 759	13	60164	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#07Y91	107591	/07
08	COM	84	2 - 14	4	24004	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#08Y84	108133	/16
08	COM	85	2 - 532	32	207542	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#08Y85	108133	/08
08	COM	86	2 - 588	54	432340	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#08Y86	100163	/01
08	COM	87	2 - 588	52	407051	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#08Y87	101424	/01
08	COM	88	2 - 588	50	380747	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#08Y88	107861	/01
08	COM	89	7 - 588	43	344347	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#08Y89	107861	/07
08	COM	90	7 - 588	42	333331	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#08Y90	107488	/08
08	COM	91	7 - 588	38	299765	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#08Y91	107591	/08
09	COM	85	6045 - 6046	2	12996	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#09Y85	108133	/09
09	COM	86	591 - 6049	46	368650	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#09Y86	100163	/02
09	COM	87	591 - 6049	49	386634	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#09Y87	101424	/02
09	COM	88	591 - 6049	47	363949	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#09Y88	101424	/02
09	COM	89	591 - 6049	44	356210	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#09Y89	107861	/08
09	COM	90	591 - 6049	45	348246	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#09Y90	107488	/09
09	COM	91	591 - 6049	42	327651	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#09Y91	107591	/09
10	PES	85	273 - 274	2	14600	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#10Y85	108133	/10
10	PES	86	273 - 726	7	52273	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#10Y86	100163	/03
10	PES	87	273 - 726	7	57305	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#10Y87	101424	/03
10	PES	88	273 - 726	7	57959	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#10Y88	107861	/03
10	PES	89	273 - 713	5	36850	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#10Y89	107861	/09
10	PES	90	273 - 713	4	33370	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#10Y90	107488	/10
10	PES	91	273 - 713	3	13463	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#10Y91	107591	/10
11	CAP	84	48 - 48	1	8052	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#11Y84	108133	/17
11	CAP	85	48 - 534	10	66809	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#11Y85	108133	/11
11	CAP	86	48 - 747	31	258055	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#11Y86	100163	/04
11	CAP	87	48 - 747	31	254169	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#11Y87	101424	/04
11	CAP	88	48 - 747	30	215916	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#11Y88	107861	/04
11	CAP	89	285 - 762	23	182764	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#11Y89	107861	/10
11	CAP	90	285 - 762	19	161245	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#11Y90	107488	/11
11	CAP	91	285 - 762	17	135257	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#11Y91	107591	/11
13	MAN/MFM	85	187 - 6397	10	70445	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#13Y85	108133	/12
13	MAN/MFM	86	187 - 6663	60	322597	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#13Y86	100163	/05
13	MAN/MFM	87	187 - 6663	61	364165	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#13Y87	101424	/05
13	MAN/MFM	88	187 - 6663	59	316603	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#13Y88	107861	/05
13	MAN/MFM	89	187 - 6663	43	182816	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#13Y89	107861	/11
13	MAN/MFM	90	187 - 6397	11	72395	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#13Y90	107488	/12
13	MAN/MFM	91	187 - 6397	6	33088	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#13Y91	107591	/12
14	NWS	84	9001 - 9311	56	235338	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#14Y84	108133	/18
14	NWS	85	9001 - 9311	53	220985	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#14Y85	108133	/13
14	NWS	86	9001 - 9307	50	203847	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#14Y86	100163	/06
14	NWS	87	9001 - 9307	46	207685	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#14Y87	101424	/06
14	NWS	88	9001 - 9307	46	203830	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#14Y88	107861	/06
14	NWS	89	9001 - 9305	44	197690	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#14Y89	107861	/12
14	NWS	90	9001 - 9030	20	114975	RPEE.RLCAP.KGR.ELCAP.H.FEB92.#14Y90	107488	/13

SITE - GROUP#NBR - STUDY CROSS-REFERENCE

The following is a list of all site numbers appearing in the hourly data, with the sites' associated 'group number' (tape file group) and study group.

SITE	GRP#	STUDY	0082	11	CAP	0163	04	RES	0242	05	RES	0324	02	RSDP
			0083	03	RES	0164	04	RES	0243	05	RES	0325	02	RSDP
0002	08	COM	0084	03	RES	0165	04	RES	0244	05	RES	0326	02	RSDP
0003	03	RES	0085	03	RES	0166	01	RSDP	0245	05	RES	0327	02	RSDP
0004	03	RES	0086	03	RES	0168	04	RES	0246	05	RES	0328	13	MAN/MFM
0005	08	COM	0087	03	RES	0169	04	RES	0247	05	RES	0329	02	RSDP
0006	03	RES	0088	03	RES	0170	04	RES	0248	05	RES	0330	05	RES
0007	08	COM	0089	01	RSDP	0171	04	RES	0249	05	RES	0331	05	RES
0008	08	COM	0090	01	RSDP	0172	04	RES	0250	05	RES	0332	05	RES
0009	08	COM	0091	03	RES	0173	04	RES	0251	05	RES	0333	05	RES
0011	08	COM	0092	03	RES	0174	04	RES	0252	02	RSDP	0334	05	RES
0012	08	COM	0093	03	RES	0175	01	RSDP	0253	05	RES	0335	05	RES
0013	08	COM	0094	01	RSDP	0176	04	RES	0254	05	RES	0336	05	RES
0014	08	COM	0095	01	RSDP	0177	04	RES	0255	05	RES	0337	02	RSDP
0016	03	RES	0096	01	RSDP	0178	01	RSDP	0256	05	RES	0338	02	RSDP
0017	03	RES	0097	01	RSDP	0179	04	RES	0257	02	RSDP	0339	02	RSDP
0018	08	COM	0098	01	RSDP	0180	04	RES	0258	02	RSDP	0340	02	RSDP
0019	03	RES	0099	01	RSDP	0181	01	RSDP	0259	05	RES	0341	02	RSDP
0020	03	RES	0100	01	RSDP	0182	04	RES	0260	05	RES	0342	02	RSDP
0021	03	RES	0101	01	RSDP	0183	04	RES	0261	05	RES	0343	05	RES
0022	03	RES	0102	01	RSDP	0184	04	RES	0262	05	RES	0344	05	RES
0023	03	RES	0103	01	RSDP	0185	04	RES	0263	05	RES	0345	05	RES
0024	03	RES	0104	01	RSDP	0186	04	RES	0264	05	RES	0346	05	RES
0025	03	RES	0105	01	RSDP	0187	13	MAN/MFM	0265	05	RES	0347	05	RES
0026	03	RES	0106	01	RSDP	0188	13	MAN/MFM	0266	05	RES	0348	05	RES
0027	03	RES	0107	01	RSDP	0189	13	MAN/MFM	0267	05	RES	0349	05	RES
0028	03	RES	0108	01	RSDP	0190	01	RSDP	0268	05	RES	0350	05	RES
0029	03	RES	0109	01	RSDP	0191	04	RES	0269	05	RES	0351	05	RES
0030	03	RES	0110	01	RSDP	0192	04	RES	0270	05	RES	0352	05	RES
0031	03	RES	0111	01	RSDP	0193	13	MAN/MFM	0271	05	RES	0353	05	RES
0032	03	RES	0112	01	RSDP	0194	13	MAN/MFM	0272	05	RES	0354	05	RES
0033	03	RES	0113	01	RSDP	0195	13	MAN/MFM	0273	10	PES	0356	02	RSDP
0034	01	RSDP	0114	01	RSDP	0196	13	MAN/MFM	0274	10	PES	0357	05	RES
0035	01	RSDP	0115	01	RSDP	0197	01	RSDP	0276	05	RES	0358	05	RES
0036	08	COM	0116	01	RSDP	0198	01	RSDP	0277	02	RSDP	0359	05	RES
0037	08	COM	0117	01	RSDP	0199	01	RSDP	0278	02	RSDP	0360	02	RSDP
0039	03	RES	0118	03	RES	0200	01	RSDP	0279	02	RSDP	0361	02	RSDP
0040	08	COM	0119	03	RES	0201	01	RSDP	0280	02	RSDP	0362	02	RSDP
0041	08	COM	0121	03	RES	0202	01	RSDP	0281	08	COM	0363	05	RES
0042	03	RES	0122	03	RES	0203	04	RES	0282	08	COM	0364	05	RES
0043	03	RES	0123	03	RES	0204	04	RES	0283	08	COM	0365	05	RES
0044	03	RES	0124	03	RES	0205	04	RES	0284	08	COM	0366	05	RES
0045	03	RES	0125	03	RES	0206	04	RES	0285	11	CAP	0367	05	RES
0046	03	RES	0126	04	RES	0207	04	RES	0286	11	CAP	0368	05	RES
0047	03	RES	0127	04	RES	0208	04	RES	0287	11	CAP	0369	05	RES
0048	11	CAP	0128	04	RES	0209	04	RES	0289	08	COM	0370	05	RES
0049	03	RES	0129	04	RES	0210	04	RES	0290	11	CAP	0371	05	RES
0050	03	RES	0130	04	RES	0211	04	RES	0292	11	CAP	0372	05	RES
0051	03	RES	0131	04	RES	0212	04	RES	0293	08	COM	0373	05	RES
0052	03	RES	0132	04	RES	0213	01	RSDP	0294	08	COM	0374	05	RES
0053	03	RES	0133	04	RES	0214	04	RES	0295	11	CAP	0375	05	RES
0054	03	RES	0134	04	RES	0215	04	RES	0297	08	COM	0376	05	RES
0055	03	RES	0135	04	RES	0216	04	RES	0298	08	COM	0377	05	RES
0056	03	RES	0136	04	RES	0217	04	RES	0299	08	COM	0378	05	RES
0057	03	RES	0137	04	RES	0218	04	RES	0300	08	COM	0379	05	RES
0058	03	RES	0138	04	RES	0219	04	RES	0301	02	RSDP	0380	05	RES
0060	03	RES	0139	04	RES	0220	04	RES	0302	02	RSDP	0381	06	RES
0061	03	RES	0141	01	RSDP	0221	04	RES	0303	02	RSDP	0382	06	RES
0062	03	RES	0142	01	RSDP	0222	04	RES	0304	02	RSDP	0383	06	RES
0063	01	RSDP	0143	04	RES	0223	04	RES	0305	02	RSDP	0384	06	RES
0064	01	RSDP	0144	04	RES	0224	04	RES	0306	02	RSDP	0385	06	RES
0065	03	RES	0145	04	RES	0225	04	RES	0307	02	RSDP	0386	06	RES
0066	03	RES	0146	04	RES	0226	04	RES	0308	02	RSDP	0387	06	RES
0067	03	RES	0147	04	RES	0227	04	RES	0309	02	RSDP	0388	06	RES
0068	03	RES	0148	08	COM	0228	01	RSDP	0310	02	RSDP	0389	06	RES
0069	03	RES	0149	04	RES	0229	04	RES	0311	02	RSDP	0390	06	RES
0070	03	RES	0150	04	RES	0230	04	RES	0312	02	RSDP	0391	06	RES
0071	03	RES	0151	04	RES	0232	04	RES	0313	05	RES	0392	06	RES
0072	03	RES	0152	04	RES	0233	04	RES	0314	02	RSDP	0393	06	RES
0073	03	RES	0154	04	RES	0234	04	RES	0315	05	RES	0394	06	RES
0074	03	RES	0155	04	RES	0235	04	RES	0316	05	RES	0395	06	RES
0075	03	RES	0156	04	RES	0236	04	RES	0317	05	RES	0396	06	RES
0076	03	RES	0157	01	RSDP	0237	04	RES	0318	02	RSDP	0397	06	RES
0077	03	RES	0158	01	RSDP	0238	04	RES	0319	05	RES	0398	06	RES
0078	03	RES	0159	01	RSDP	0239	04	RES	0320	02	RSDP	0399	06	RES
0079	11	CAP	0160	01	RSDP	0240	04	RES	0321	02	RSDP	0400	06	RES
0081	11	CAP	0161	01	RSDP	0241	05	RES	0323	02	RSDP	0401	06	RES

0402	06	RES	0493	07	RES	0616	13	MAN/MFM	6042	09	COM
0403	06	RES	0494	02	RSDP	0617	13	MAN/MFM	6043	09	COM
0404	06	RES	0495	07	RES	0618	13	MAN/MFM	6045	09	COM
0405	06	RES	0496	07	RES	0619	13	MAN/MFM	6046	09	COM
0406	06	RES	0497	07	RES	0620	13	MAN/MFM	6047	09	COM
0407	06	RES	0498	02	RSDP	0621	13	MAN/MFM	6049	09	COM
0408	02	RSDP	0499	02	RSDP	0622	13	MAN/MFM	6187	13	MAN/MFM
0409	02	RSDP	0500	02	RSDP	0623	13	MAN/MFM	6193	13	MAN/MFM
0410	02	RSDP	0501	02	RSDP	0624	13	MAN/MFM	6397	13	MAN/MFM
0411	06	RES	0502	07	RES	0625	13	MAN/MFM	6529	13	MAN/MFM
0412	06	RES	0503	07	RES	0626	13	MAN/MFM	6615	13	MAN/MFM
0413	06	RES	0504	07	RES	0627	13	MAN/MFM	6628	13	MAN/MFM
0414	06	RES	0505	07	RES	0631	13	MAN/MFM	6663	13	MAN/MFM
0415	06	RES	0506	02	RSDP	0632	13	MAN/MFM	9001	14	NWS
0417	06	RES	0507	07	RES	0633	13	MAN/MFM	9002	14	NWS
0418	06	RES	0508	07	RES	0634	13	MAN/MFM	9003	14	NWS
0419	06	RES	0509	07	RES	0635	13	MAN/MFM	9004	14	NWS
0420	06	RES	0510	07	RES	0636	13	MAN/MFM	9005	14	NWS
0421	06	RES	0512	07	RES	0637	13	MAN/MFM	9006	14	NWS
0422	06	RES	0513	07	RES	0638	13	MAN/MFM	9007	14	NWS
0423	06	RES	0514	07	RES	0639	13	MAN/MFM	9008	14	NWS
0424	06	RES	0515	07	RES	0640	13	MAN/MFM	9009	14	NWS
0425	06	RES	0516	07	RES	0641	13	MAN/MFM	9010	14	NWS
0426	06	RES	0517	07	RES	0642	13	MAN/MFM	9011	14	NWS
0427	06	RES	0518	02	RSDP	0643	13	MAN/MFM	9012	14	NWS
0428	06	RES	0519	07	RES	0644	13	MAN/MFM	9013	14	NWS
0429	06	RES	0520	02	RSDP	0645	13	MAN/MFM	9014	14	NWS
0430	06	RES	0521	07	RES	0646	13	MAN/MFM	9015	14	NWS
0431	06	RES	0522	02	RSDP	0654	13	MAN/MFM	9016	14	NWS
0432	06	RES	0523	07	RES	0655	13	MAN/MFM	9017	14	NWS
0433	06	RES	0524	07	RES	0656	13	MAN/MFM	9018	14	NWS
0434	06	RES	0525	13	MAN/MFM	0657	13	MAN/MFM	9019	14	NWS
0435	06	RES	0526	07	RES	0658	13	MAN/MFM	9030	14	NWS
0436	06	RES	0527	13	MAN/MFM	0659	13	MAN/MFM	9051	14	NWS
0437	06	RES	0528	13	MAN/MFM	0660	13	MAN/MFM	9052	14	NWS
0438	06	RES	0529	13	MAN/MFM	0661	13	MAN/MFM	9053	14	NWS
0439	06	RES	0530	13	MAN/MFM	0662	13	MAN/MFM	9101	14	NWS
0441	08	COM	0532	08	COM	0663	13	MAN/MFM	9103	14	NWS
0442	08	COM	0533	11	CAP	0664	07	RES	9104	14	NWS
0443	08	COM	0534	11	CAP	0665	13	MAN/MFM	9105	14	NWS
0444	08	COM	0535	11	CAP	0666	13	MAN/MFM	9106	14	NWS
0445	11	CAP	0536	11	CAP	0667	13	MAN/MFM	9108	14	NWS
0446	08	COM	0538	08	COM	0668	13	MAN/MFM	9110	14	NWS
0447	08	COM	0540	10	PES	0681	11	CAP	9111	14	NWS
0448	08	COM	0541	11	CAP	0690	09	COM	9112	14	NWS
0449	11	CAP	0544	11	CAP	0691	09	COM	9113	14	NWS
0450	11	CAP	0546	08	COM	0697	09	COM	9114	14	NWS
0451	11	CAP	0547	08	COM	0705	11	CAP	9115	14	NWS
0452	06	RES	0548	08	COM	0707	09	COM	9116	14	NWS
0453	11	CAP	0550	08	COM	0712	10	PES	9118	14	NWS
0455	11	CAP	0554	11	CAP	0713	10	PES	9119	14	NWS
0456	08	COM	0555	11	CAP	0714	11	CAP	9131	14	NWS
0457	08	COM	0556	11	CAP	0716	09	COM	9133	14	NWS
0458	08	COM	0558	08	COM	0717	09	COM	9204	14	NWS
0460	08	COM	0559	08	COM	0722	09	COM	9208	14	NWS
0461	06	RES	0560	08	COM	0723	09	COM	9212	14	NWS
0462	06	RES	0562	08	COM	0724	09	COM	9215	14	NWS
0463	06	RES	0564	08	COM	0726	10	PES	9232	14	NWS
0464	06	RES	0565	08	COM	0731	09	COM	9301	14	NWS
0465	06	RES	0566	08	COM	0735	09	COM	9302	14	NWS
0466	06	RES	0569	08	COM	0736	09	COM	9303	14	NWS
0467	06	RES	0571	08	COM	0738	09	COM	9304	14	NWS
0468	06	RES	0580	08	COM	0744	09	COM	9305	14	NWS
0469	06	RES	0582	11	CAP	0747	11	CAP	9306	14	NWS
0470	06	RES	0583	10	PES	0751	09	COM	9307	14	NWS
0471	06	RES	0586	08	COM	0752	09	COM	9308	14	NWS
0472	06	RES	0587	08	COM	0753	09	COM	9309	14	NWS
0473	06	RES	0588	08	COM	0756	09	COM	9310	14	NWS
0474	06	RES	0591	09	COM	0758	07	RES	9311	14	NWS
0475	06	RES	0593	09	COM	0759	07	RES			
0476	02	RSDP	0594	09	COM	0762	11	CAP			
0477	02	RSDP	0595	09	COM	0766	09	COM			
0478	02	RSDP	0597	09	COM	6010	09	COM			
0479	02	RSDP	0598	09	COM	6011	09	COM			
0480	02	RSDP	0599	09	COM	6017	09	COM			
0481	07	RES	0600	09	COM	6018	09	COM			
0482	07	RES	0601	09	COM	6019	09	COM			
0483	07	RES	0602	09	COM	6020	09	COM			
0484	07	RES	0605	11	CAP	6021	09	COM			
0485	07	RES	0607	11	CAP	6022	09	COM			
0487	07	RES	0610	09	COM	6023	09	COM			
0488	07	RES	0611	13	MAN/MFM	6025	09	COM			
0489	07	RES	0612	13	MAN/MFM	6027	09	COM			
0490	07	RES	0613	13	MAN/MFM	6028	09	COM			
0491	07	RES	0614	13	MAN/MFM	6029	09	COM			
0492	07	RES	0615	13	MAN/MFM	6035	09	COM			

SAS/PADS DATASETS (JUL91)

The JUL91 pads is a complete update of all sites, for the calendar years 1990 and 1991 only. Site data for years prior to 1990 has been brought forward from the DEC90 version of SAS/PADS.

MONTHLY ENGINEERING DATA

DSN=RPEE.RLCAP.ELCAP.M.JUL91

<u>name</u>	<u>obs</u>	<u>tracks</u>	
M_RES	238192	459	Residential Base
M_RSDP	104631	202	Res Stds Demonstration Project
M_COM	105894	205	Commercial Base
M_CAP	32917	64	Commercial Audit Program
M_PES	7270	15	Purchase of Energy Savings
M_NWS	25757	51	National Weather Service
M_MET	15438	31	ELCAP Meteorological
M_MFM	29601	58	Multi-Family & Manufactured

MONTHLY PROFILE ENGINEERING DATA

DSN=RPEE.RLCAP.ELCAP.MP.JUL91R

<u>name</u>	<u>obs</u>	<u>tracks</u>	
MP_RES	207474	793	Residential Base
MP_RSDP	92204	353	Res Stds Demonstration Project
MP_MFM	23996	93	Multi-Family & Manufactured
MP2_RES	411767	1573	Residential Base
MP2_RSDP	183077	700	Res Stds Demonstration Project
MP2_MFM	47476	182	Multi-Family & Manufactured

DSN=RPEE.RLCAP.ELCAP.MP.JUL91C

<u>name</u>	<u>obs</u>	<u>tracks</u>	
MP_COM	84848	325	Commercial Base
MP_CAP	28012	108	Commercial Audit Program
MP_PES	4333	18	Purchase of Energy Savings
MP2_COM	168686	645	Commercial Base
MP2_CAP	55650	213	Commercial Audit Program
MP2_PES	8596	34	Purchase of Energy Savings

DSN=RPEE.RLCAP.ELCAP.MP.JUL91M

<u>name</u>	<u>obs</u>	<u>tracks</u>	
MP_MET	13203	51	ELCAP Meteorological
MP_NWS	20862	81	National Weather Service
MP2_MET	26203	101	ELCAP Meteorological
MP2_NWS	41510	159	National Weather Service

CHARACTERISTICS DATA

DSN=RPEE.RLCAP.ELCAP.CHAR.SASDB

<u>name</u>	<u>obs</u>	<u>tracks</u>	
RESCHAR	523	12	Res. Characteristics Summary
COMCHAR	158	5	Com. Characteristics Summary
SPEU_RES	94	1	Specialty End Uses - Residential
SPEU_COM	94	1	Specialty End Uses - Commercial
CHRONO	3072	13	Residential CHRONO File

FORMAT LIBRARIES

DSN=RPEE.RLCAP.ELCAP.CHAR.FORMATS

Formats relating to characteristics data (RESCHAR, COMCHAR)

DSN=RPEE.RLCAP.ELCAP.FORMATS

Formats relating to engineering data (M, MP)

HOURLY DATA SETS:

The hourly engineering data is organized by study group, and further subdivided by year and sub-groups. The general name for the datasets is:

RPEE.RLCAP.KGR.ELCAP.H.JUL91.#<xx>Y<yy>

where <xx> is the group number assigned to a site, and <yy> is the year. Each tape file has one SAS dataset, with the name 'HOURLY'.

The data is subdivided into group numbers as a means of controlling the size of individual SAS datasets, thus facilitating data management of these large datasets. Group numbers are arbitrarily assigned such that any individual SAS dataset will not exceed 1000 disk tracks (which is approximately 400,000 observations). The group number for a site does not change from year to year.

INDEX TO HOURLY DATA SETS:

There are presently 97 datasets, on 22 tapes. The site data is grouped as follows:

GROUP	STUDY	YR	-SITE LOW	RANGE- HIGH	#SITES	#OBS	DSN
01	RSDP	85	34	- 213	47	223307	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#01Y85
01	RSDP	86	34	- 228	49	366551	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#01Y86
01	RSDP	87	34	- 228	48	358058	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#01Y87
01	RSDP	88	34	- 228	45	312111	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#01Y88
01	RSDP	89	34	- 213	38	247517	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#01Y89
01	RSDP	90	34	- 213	29	192294	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#01Y90
01	RSDP	91	63	- 202	23	66669	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#01Y91
02	RSDP	85	252	- 500	38	111053	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#02Y85
02	RSDP	86	252	- 522	54	383126	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#02Y86
02	RSDP	87	252	- 522	51	378534	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#02Y87
02	RSDP	88	252	- 522	49	359982	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#02Y88
02	RSDP	89	252	- 522	45	297960	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#02Y89
02	RSDP	90	252	- 522	39	285556	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#02Y90
02	RSDP	91	252	- 522	36	108332	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#02Y91
03	RES	85	4	- 125	60	292457	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#03Y85
03	RES	86	3	- 125	69	405870	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#03Y86
03	RES	87	3	- 125	69	401354	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#03Y87
03	RES	88	3	- 125	64	359807	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#03Y88
03	RES	89	6	- 125	54	269813	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#03Y89
03	RES	90	6	- 125	40	202727	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#03Y90
03	RES	91	6	- 125	26	57034	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#03Y91
04	RES	85	128	- 240	64	224354	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#04Y85
04	RES	86	127	- 240	74	401274	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#04Y86
04	RES	87	127	- 240	72	412249	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#04Y87
04	RES	88	126	- 240	70	398843	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#04Y88
04	RES	89	126	- 240	66	373998	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#04Y89
04	RES	90	127	- 240	62	316407	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#04Y90
04	RES	91	127	- 238	44	95835	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#04Y91
05	RES	85	241	- 380	62	166444	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#05Y85
05	RES	86	241	- 380	70	392367	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#05Y86
05	RES	87	241	- 380	73	412382	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#05Y87
05	RES	88	242	- 380	68	370857	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#05Y88
05	RES	89	242	- 380	56	279855	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#05Y89
05	RES	90	242	- 380	43	233350	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#05Y90
05	RES	91	242	- 380	31	70342	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#05Y91
06	RES	85	381	- 475	54	104073	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#06Y85
06	RES	86	381	- 475	67	372163	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#06Y86
06	RES	87	381	- 475	62	366918	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#06Y87
06	RES	88	381	- 475	61	357094	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#06Y88
06	RES	89	381	- 475	59	315873	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#06Y89
06	RES	90	381	- 475	52	277389	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#06Y90
06	RES	91	381	- 475	34	74291	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#06Y91
07	RES	85	482	- 523	18	23165	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#07Y85
07	RES	86	481	- 526	31	155651	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#07Y86
07	RES	87	481	- 759	33	183829	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#07Y87
07	RES	88	481	- 759	30	175286	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#07Y88
07	RES	89	481	- 759	27	141367	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#07Y89

07	RES	90	483 - 6397	18	96478	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#07Y90
07	RES	91	483 - 6397	14	30042	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#07Y91
08	COM	85	2 - 532	20	87680	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#08Y85
08	COM	86	2 - 588	50	330556	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#08Y86
08	COM	87	2 - 588	52	418604	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#08Y87
08	COM	88	2 - 588	50	386529	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#08Y88
08	COM	89	7 - 588	39	294891	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#08Y89
08	COM	90	7 - 588	40	314598	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#08Y90
08	COM	91	7 - 588	39	131012	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#08Y91
09	COM	85	6045 - 6046	2	5772	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#09Y85
09	COM	86	591 - 6049	40	215727	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#09Y86
09	COM	87	591 - 6049	49	371398	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#09Y87
09	COM	88	591 - 6049	48	372098	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#09Y88
09	COM	89	591 - 6049	38	302965	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#09Y89
09	COM	90	591 - 6049	42	326458	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#09Y90
09	COM	91	591 - 6049	43	137742	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#09Y91
10	PES	85	274 - 274	1	4351	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#10Y85
10	PES	86	273 - 726	7	46566	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#10Y86
10	PES	87	273 - 726	7	60590	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#10Y87
10	PES	88	273 - 726	7	60756	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#10Y88
10	PES	89	273 - 713	5	38475	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#10Y89
10	PES	90	273 - 713	4	33370	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#10Y90
10	PES	91	273 - 713	3	7767	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#10Y91
11	CAP	85	79 - 292	7	33887	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#11Y85
11	CAP	86	48 - 747	30	196400	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#11Y86
11	CAP	87	48 - 747	32	273157	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#11Y87
11	CAP	88	48 - 747	31	231046	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#11Y88
11	CAP	89	285 - 762	24	183881	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#11Y89
11	CAP	90	285 - 762	20	172697	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#11Y90
11	CAP	91	285 - 714	16	51243	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#11Y91
12	MET	85	5004 - 5759	110	110954	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#12Y85
12	MET	86	5003 - 5759	150	245408	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#12Y86
12	MET	87	5003 - 5759	148	254918	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#12Y87
12	MET	88	5003 - 5759	137	231339	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#12Y88
12	MET	89	5034 - 5759	119	182244	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#12Y89
12	MET	90	5007 - 5759	95	149945	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#12Y90
12	MET	91	5007 - 5759	78	50356	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#12Y91
13	MAN/MFM	85	187 - 6193	9	25042	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#13Y85
13	MAN/MFM	86	187 - 6663	51	176034	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#13Y86
13	MAN/MFM	87	187 - 6663	58	343856	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#13Y87
13	MAN/MFM	88	187 - 6663	54	301108	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#13Y88
13	MAN/MFM	89	187 - 6663	40	144522	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#13Y89
13	MAN/MFM	90	187 - 6193	10	59829	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#13Y90
13	MAN/MFM	91	187 - 6193	6	16625	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#13Y91
14	NWS	85	9001 - 9232	45	267987	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#14Y85
14	NWS	86	9001 - 9232	45	201833	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#14Y86
14	NWS	87	9001 - 9232	42	193450	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#14Y87
14	NWS	88	9001 - 9232	42	192028	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#14Y88
14	NWS	89	9001 - 9232	40	168538	RPEE.RLCAP.KGR.ELCAP.H.DEC90.#14Y89
14	NWS	90	9001 - 9232	42	113899	RPEE.RLCAP.KGR.ELCAP.H.JUL91.#14Y90

SITE - GROUP#NBR - STUDY CROSS-REFERENCE

The following is a list of all site numbers appearing in the hourly data, with the sites' associated 'group number' (tape file group) and study group.

SITE	GRP#	STUDY	0084	03	RES	0166	01	RSDP	0248	05	RES	0331	05	RES
			0085	03	RES	0168	04	RES	0249	05	RES	0332	05	RES
0002	08	COM	0086	03	RES	0169	04	RES	0250	05	RES	0333	05	RES
0003	03	RES	0087	03	RES	0170	04	RES	0251	05	RES	0334	05	RES
0004	03	RES	0088	03	RES	0171	04	RES	0252	02	RSDP	0335	05	RES
0005	08	COM	0089	01	RSDP	0172	04	RES	0253	05	RES	0336	05	RES
0006	03	RES	0090	01	RSDP	0173	04	RES	0254	05	RES	0337	02	RSDP
0007	08	COM	0091	03	RES	0174	04	RES	0255	05	RES	0338	02	RSDP
0008	08	COM	0092	03	RES	0175	01	RSDP	0256	05	RES	0339	02	RSDP
0009	08	COM	0093	03	RES	0176	04	RES	0257	02	RSDP	0340	02	RSDP
0011	08	COM	0094	01	RSDP	0177	04	RES	0258	02	RSDP	0341	02	RSDP
0012	08	COM	0095	01	RSDP	0178	01	RSDP	0259	05	RES	0342	02	RSDP
0013	08	COM	0096	01	RSDP	0179	04	RES	0260	05	RES	0343	05	RES
0016	03	RES	0097	01	RSDP	0180	04	RES	0261	05	RES	0344	05	RES
0017	03	RES	0098	01	RSDP	0181	01	RSDP	0262	05	RES	0345	05	RES
0018	08	COM	0099	01	RSDP	0183	04	RES	0263	05	RES	0346	05	RES
0019	03	RES	0100	01	RSDP	0184	04	RES	0264	05	RES	0347	05	RES
0020	03	RES	0101	01	RSDP	0185	04	RES	0265	05	RES	0348	05	RES
0021	03	RES	0102	01	RSDP	0186	04	RES	0266	05	RES	0349	05	RES
0022	03	RES	0103	01	RSDP	0187	13	MAN/MFM	0267	05	RES	0350	05	RES
0023	03	RES	0104	01	RSDP	0188	13	MAN/MFM	0268	05	RES	0351	05	RES
0024	03	RES	0105	01	RSDP	0189	13	MAN/MFM	0269	05	RES	0352	05	RES
0025	03	RES	0106	01	RSDP	0190	01	RSDP	0270	05	RES	0353	05	RES
0026	03	RES	0107	01	RSDP	0191	04	RES	0271	05	RES	0354	05	RES
0027	03	RES	0108	01	RSDP	0192	04	RES	0272	05	RES	0356	02	RSDP
0028	03	RES	0109	01	RSDP	0193	13	MAN/MFM	0273	10	PES	0357	05	RES
0029	03	RES	0110	01	RSDP	0194	13	MAN/MFM	0274	10	PES	0358	05	RES
0030	03	RES	0111	01	RSDP	0195	13	MAN/MFM	0276	05	RES	0359	05	RES
0031	03	RES	0112	01	RSDP	0196	13	MAN/MFM	0277	02	RSDP	0360	02	RSDP
0032	03	RES	0113	01	RSDP	0197	01	RSDP	0278	02	RSDP	0361	02	RSDP
0033	03	RES	0114	01	RSDP	0198	01	RSDP	0279	02	RSDP	0362	02	RSDP
0034	01	RSDP	0115	01	RSDP	0199	01	RSDP	0280	02	RSDP	0363	05	RES
0035	01	RSDP	0116	01	RSDP	0200	01	RSDP	0281	08	COM	0364	05	RES
0036	08	COM	0117	01	RSDP	0201	01	RSDP	0282	08	COM	0365	05	RES
0037	08	COM	0118	03	RES	0202	01	RSDP	0283	08	COM	0366	05	RES
0039	03	RES	0119	03	RES	0203	04	RES	0284	08	COM	0367	05	RES
0040	08	COM	0121	03	RES	0204	04	RES	0285	11	CAP	0368	05	RES
0041	08	COM	0122	03	RES	0205	04	RES	0286	11	CAP	0369	05	RES
0042	03	RES	0123	03	RES	0206	04	RES	0287	11	CAP	0370	05	RES
0043	03	RES	0124	03	RES	0207	04	RES	0289	08	COM	0371	05	RES
0044	03	RES	0125	03	RES	0208	04	RES	0290	11	CAP	0372	05	RES
0045	03	RES	0126	04	RES	0209	04	RES	0292	11	CAP	0373	05	RES
0046	03	RES	0127	04	RES	0210	04	RES	0293	08	COM	0374	05	RES
0047	03	RES	0128	04	RES	0211	04	RES	0294	08	COM	0375	05	RES
0048	11	CAP	0129	04	RES	0212	04	RES	0295	11	CAP	0376	05	RES
0049	03	RES	0130	04	RES	0213	01	RSDP	0297	08	COM	0377	05	RES
0050	03	RES	0131	04	RES	0214	04	RES	0298	08	COM	0378	05	RES
0051	03	RES	0132	04	RES	0215	04	RES	0299	08	COM	0379	05	RES
0052	03	RES	0133	04	RES	0216	04	RES	0300	08	COM	0380	05	RES
0053	03	RES	0134	04	RES	0217	04	RES	0301	02	RSDP	0381	06	RES
0054	03	RES	0135	04	RES	0218	04	RES	0302	02	RSDP	0382	06	RES
0055	03	RES	0136	04	RES	0219	04	RES	0303	02	RSDP	0383	06	RES
0056	03	RES	0137	04	RES	0220	04	RES	0304	02	RSDP	0384	06	RES
0057	03	RES	0138	04	RES	0221	04	RES	0305	02	RSDP	0385	06	RES
0058	03	RES	0139	04	RES	0222	04	RES	0306	02	RSDP	0386	06	RES
0060	03	RES	0141	01	RSDP	0223	04	RES	0307	02	RSDP	0387	06	RES
0061	03	RES	0142	01	RSDP	0224	04	RES	0308	02	RSDP	0388	06	RES
0062	03	RES	0143	04	RES	0225	04	RES	0309	02	RSDP	0389	06	RES
0063	01	RSDP	0144	04	RES	0226	04	RES	0310	02	RSDP	0390	06	RES
0064	01	RSDP	0145	04	RES	0227	04	RES	0311	02	RSDP	0391	06	RES
0065	03	RES	0146	04	RES	0228	01	RSDP	0312	02	RSDP	0392	06	RES
0066	03	RES	0147	04	RES	0229	04	RES	0313	05	RES	0393	06	RES
0067	03	RES	0148	08	COM	0230	04	RES	0314	02	RSDP	0394	06	RES
0068	03	RES	0149	04	RES	0232	04	RES	0315	05	RES	0395	06	RES
0069	03	RES	0150	04	RES	0233	04	RES	0316	05	RES	0396	06	RES
0070	03	RES	0151	04	RES	0234	04	RES	0317	05	RES	0397	06	RES
0071	03	RES	0152	04	RES	0236	04	RES	0318	02	RSDP	0398	06	RES
0072	03	RES	0154	04	RES	0238	04	RES	0319	05	RES	0399	06	RES
0073	03	RES	0155	04	RES	0239	04	RES	0320	02	RSDP	0400	06	RES
0075	03	RES	0156	04	RES	0240	04	RES	0323	02	RSDP	0401	06	RES
0076	03	RES	0157	01	RSDP	0241	05	RES	0324	02	RSDP	0402	06	RES
0077	03	RES	0158	01	RSDP	0242	05	RES	0325	02	RSDP	0403	06	RES
0078	03	RES	0159	01	RSDP	0243	05	RES	0326	02	RSDP	0404	06	RES
0079	11	CAP	0160	01	RSDP	0244	05	RES	0327	02	RSDP	0405	06	RES
0081	11	CAP	0161	01	RSDP	0245	05	RES	0328	13	MAN/MFM	0406	06	RES
0082	11	CAP	0163	04	RES	0246	05	RES	0329	02	RSDP	0407	06	RES
0083	03	RES	0165	04	RES	0247	05	RES	0330	05	RES	0408	02	RSDP

0409 02 RSDP	0500 02 RSDP	0633 13 MAN/MFM	5101 12 MET	5409 12 MET
0410 02 RSDP	0501 02 RSDP	0634 13 MAN/MFM	5102 12 MET	5410 12 MET
0411 06 RES	0502 07 RES	0635 13 MAN/MFM	5103 12 MET	5424 12 MET
0412 06 RES	0503 07 RES	0636 13 MAN/MFM	5105 12 MET	5425 12 MET
0413 06 RES	0504 07 RES	0637 13 MAN/MFM	5107 12 MET	5429 12 MET
0414 06 RES	0505 07 RES	0638 13 MAN/MFM	5111 12 MET	5434 12 MET
0415 06 RES	0506 02 RSDP	0639 13 MAN/MFM	5112 12 MET	5436 12 MET
0417 06 RES	0507 07 RES	0640 13 MAN/MFM	5113 12 MET	5437 12 MET
0418 06 RES	0508 07 RES	0641 13 MAN/MFM	5114 12 MET	5438 12 MET
0419 06 RES	0509 07 RES	0642 13 MAN/MFM	5115 12 MET	5450 12 MET
0420 06 RES	0510 07 RES	0643 13 MAN/MFM	5117 12 MET	5459 12 MET
0421 06 RES	0512 07 RES	0644 13 MAN/MFM	5122 12 MET	5466 12 MET
0422 06 RES	0513 07 RES	0645 13 MAN/MFM	5136 12 MET	5471 12 MET
0423 06 RES	0514 07 RES	0646 13 MAN/MFM	5141 12 MET	5476 12 MET
0424 06 RES	0515 07 RES	0654 13 MAN/MFM	5142 12 MET	5477 12 MET
0425 06 RES	0516 07 RES	0655 13 MAN/MFM	5157 12 MET	5478 12 MET
0426 06 RES	0517 07 RES	0656 13 MAN/MFM	5158 12 MET	5479 12 MET
0427 06 RES	0518 02 RSDP	0657 13 MAN/MFM	5159 12 MET	5480 12 MET
0428 06 RES	0519 07 RES	0658 13 MAN/MFM	5160 12 MET	5490 12 MET
0429 06 RES	0520 02 RSDP	0659 13 MAN/MFM	5161 12 MET	5491 12 MET
0430 06 RES	0522 02 RSDP	0660 13 MAN/MFM	5166 12 MET	5498 12 MET
0431 06 RES	0523 07 RES	0661 13 MAN/MFM	5175 12 MET	5500 12 MET
0432 06 RES	0524 07 RES	0662 13 MAN/MFM	5178 12 MET	5501 12 MET
0433 06 RES	0525 13 MAN/MFM	0663 13 MAN/MFM	5179 12 MET	5506 12 MET
0434 06 RES	0526 07 RES	0665 13 MAN/MFM	5181 12 MET	5512 12 MET
0435 06 RES	0527 13 MAN/MFM	0666 13 MAN/MFM	5188 12 MET	5518 12 MET
0436 06 RES	0528 13 MAN/MFM	0667 13 MAN/MFM	5190 12 MET	5522 12 MET
0437 06 RES	0532 08 COM	0668 13 MAN/MFM	5191 12 MET	5529 12 MET
0438 06 RES	0533 11 CAP	0681 11 CAP	5193 12 MET	5530 12 MET
0439 06 RES	0534 11 CAP	0690 09 COM	5197 12 MET	5532 12 MET
0441 08 COM	0535 11 CAP	0691 09 COM	5198 12 MET	5547 12 MET
0442 08 COM	0536 11 CAP	0697 09 COM	5199 12 MET	5570 12 MET
0443 08 COM	0538 08 COM	0705 11 CAP	5200 12 MET	5582 12 MET
0444 08 COM	0540 10 PES	0707 09 COM	5201 12 MET	5611 12 MET
0445 11 CAP	0541 11 CAP	0712 10 PES	5202 12 MET	5612 12 MET
0446 08 COM	0544 11 CAP	0713 10 PES	5213 12 MET	5613 12 MET
0447 08 COM	0546 08 COM	0714 11 CAP	5228 12 MET	5615 12 MET
0448 08 COM	0547 08 COM	0716 09 COM	5230 12 MET	5628 12 MET
0449 11 CAP	0548 08 COM	0717 09 COM	5252 12 MET	5663 12 MET
0450 11 CAP	0550 08 COM	0722 09 COM	5255 12 MET	5665 12 MET
0451 11 CAP	0554 11 CAP	0723 09 COM	5257 12 MET	5667 12 MET
0452 06 RES	0555 11 CAP	0724 09 COM	5258 12 MET	5668 12 MET
0453 11 CAP	0556 11 CAP	0726 10 PES	5264 12 MET	5681 12 MET
0455 11 CAP	0558 08 COM	0731 09 COM	5268 12 MET	5759 12 MET
0456 08 COM	0559 08 COM	0735 09 COM	5269 12 MET	6010 09 COM
0457 08 COM	0560 08 COM	0736 09 COM	5273 12 MET	6011 09 COM
0458 08 COM	0562 08 COM	0738 09 COM	5277 12 MET	6017 09 COM
0460 08 COM	0564 08 COM	0744 09 COM	5278 12 MET	6018 09 COM
0461 06 RES	0565 08 COM	0747 11 CAP	5279 12 MET	6019 09 COM
0462 06 RES	0566 08 COM	0751 09 COM	5280 12 MET	6020 09 COM
0463 06 RES	0569 08 COM	0752 09 COM	5301 12 MET	6021 09 COM
0464 06 RES	0571 08 COM	0753 09 COM	5302 12 MET	6022 09 COM
0465 06 RES	0580 08 COM	0756 09 COM	5303 12 MET	6023 09 COM
0466 06 RES	0582 11 CAP	0758 07 RES	5304 12 MET	6025 09 COM
0467 06 RES	0583 10 PES	0759 07 RES	5305 12 MET	6027 09 COM
0468 06 RES	0586 08 COM	0762 11 CAP	5306 12 MET	6028 09 COM
0469 06 RES	0587 08 COM	5003 12 MET	5307 12 MET	6029 09 COM
0470 06 RES	0588 08 COM	5004 12 MET	5308 12 MET	6035 09 COM
0471 06 RES	0591 09 COM	5005 12 MET	5309 12 MET	6042 09 COM
0472 06 RES	0593 09 COM	5007 12 MET	5310 12 MET	6043 09 COM
0473 06 RES	0594 09 COM	5034 12 MET	5311 12 MET	6045 09 COM
0474 06 RES	0595 09 COM	5035 12 MET	5312 12 MET	6046 09 COM
0475 06 RES	0597 09 COM	5039 12 MET	5313 12 MET	6047 09 COM
0476 02 RSDP	0598 09 COM	5040 12 MET	5314 12 MET	6049 09 COM
0477 02 RSDP	0599 09 COM	5043 12 MET	5318 12 MET	6187 13 MAN/MFM
0478 02 RSDP	0600 09 COM	5046 12 MET	5320 12 MET	6193 13 MAN/MFM
0479 02 RSDP	0601 09 COM	5048 12 MET	5323 12 MET	6397 07 RES
0480 02 RSDP	0602 09 COM	5049 12 MET	5324 12 MET	6529 13 MAN/MFM
0481 07 RES	0605 11 CAP	5050 12 MET	5325 12 MET	6615 13 MAN/MFM
0482 07 RES	0607 11 CAP	5056 12 MET	5326 12 MET	6628 13 MAN/MFM
0483 07 RES	0610 09 COM	5062 12 MET	5327 12 MET	6663 13 MAN/MFM
0484 07 RES	0611 09 COM	5063 12 MET	5329 12 MET	9001 14 NWS
0485 07 RES	0616 13 MAN/MFM	5064 12 MET	5337 12 MET	9002 14 NWS
0487 07 RES	0617 13 MAN/MFM	5066 12 MET	5338 12 MET	9003 14 NWS
0488 07 RES	0618 13 MAN/MFM	5069 12 MET	5339 12 MET	9004 14 NWS
0489 07 RES	0619 13 MAN/MFM	5089 12 MET	5340 12 MET	9005 14 NWS
0490 07 RES	0620 13 MAN/MFM	5090 12 MET	5341 12 MET	9006 14 NWS
0491 07 RES	0621 13 MAN/MFM	5092 12 MET	5342 12 MET	9007 14 NWS
0492 07 RES	0622 13 MAN/MFM	5093 12 MET	5351 12 MET	9008 14 NWS
0493 07 RES	0623 13 MAN/MFM	5094 12 MET	5356 12 MET	9009 14 NWS
0494 02 RSDP	0624 13 MAN/MFM	5095 12 MET	5360 12 MET	9010 14 NWS
0495 07 RES	0625 13 MAN/MFM	5096 12 MET	5361 12 MET	9011 14 NWS
0496 07 RES	0626 13 MAN/MFM	5097 12 MET	5362 12 MET	9012 14 NWS
0497 07 RES	0627 13 MAN/MFM	5098 12 MET	5372 12 MET	9013 14 NWS
0498 02 RSDP	0631 13 MAN/MFM	5099 12 MET	5381 12 MET	9014 14 NWS
0499 02 RSDP	0632 13 MAN/MFM	5100 12 MET	5408 12 MET	9015 14 NWS

CONTENTS PROCEDURE
CONTENTS OF SAS MEMBER DB1.METSITE

CREATED BY OS JOB RPEE652 ON CPUID 66-3084-021450 AT 10:25 THURSDAY, APRIL 20, 1989 BY SAS RELEASE 5.18
DSNAME=RPEE.RLCAP.ELCAP.CHAR.SASDB OBSERVATIONS PER TRACK =4694 BLKSIZE=23474 LRECL=10 GENERATED BY PROC SORT
NUMBER OF OBSERVATIONS: 661 NUMBER OF VARIABLES: 2
MEMTYPE: DATA

-----ALPHABETIC LIST OF VARIABLES AND ATTRIBUTES-----

#	VARIABLE	TYPE	LENGTH	POSITION	FORMAT	INFORMAT	LABEL	CLOSEST_NWS	SITE
2	SC015	NUM	3	7					
1	SITE	NUM	3	4					

OBS	SITE	SC015
1	2	9012
2	3	9008
3	4	9010
4	5	9012
5	6	9030
6	7	9012
7	8	9012
8	9	9012
9	11	9012
10	12	9012
11	13	9012
12	14	9012
13	15	9012
14	16	9030
15	17	9008

CONTENTS PROCEDURE
CONTENTS OF SAS MEMBER DB1.SC0DES

CREATED BY OS JOB RPEEG52 ON CPUID 66-3084-021450 AT 10:25 THURSDAY, APRIL 20, 1989 BY SAS RELEASE 5.18
DSNAME=RPEE.RLCAP.ELCAP.CHAR.SASDB OBSERVATIONS PER TRACK =838 BLKSIZE=23468 LRECL=56 GENERATED BY PROC SORT
NUMBER OF OBSERVATIONS: 1241 NUMBER OF VARIABLES: 17
MEMTYPE: DATA

-----ALPHABETIC LIST OF VARIABLES AND ATTRIBUTES-----

#	VARIABLE	TYPE	LENGTH	POSITION	FORMAT	INFORMAT	LABEL
2	SC002	NUM	3	7	DATE7.	DATE.	PARTICIPATION_BEGIN_DATE
3	SC003	NUM	3	10	DATE7.	DATE.	PARTICIPATION_END_DATE
4	SC004	NUM	3	13			TIME_ZONE
5	SC005	NUM	3	16			GEOGRAPHIC_REGION
6	SC006	NUM	3	19			ZIP_CODE
7	SC007	NUM	3	22			UTILITY
8	SC008	NUM	3	25			CLIMATE_ZONE
9	SC009	NUM	3	28			MET_SITE_FLAG
10	SC010	NUM	3	31			PREFERRED_MET_SITE
11	SC011	NUM	3	34			SECONDARY_MET_SITE
12	SC012	NUM	3	37			OUTDOOR_TEMPERATURE
13	SC013	NUM	3	40			TMY_MET_SITE
14	SC014	NUM	3	43			WYEC_MET_SITE
15	SC016	NUM	3	46			BUILDING_TYPE
16	SC017	NUM	3	49			ELCAP_REGION
17	SC018	CHAR	4	52			ELCAP_STUDY
1	SITE	NUM	3	4			SITE

DATA=DB1.SCODES (OBS=15)

OBS	SITE	SC002	SC003	SC004	SC005	SC006	SC007	SC008	SC009	SC010	SC011	SC012	SC013	SC014	SC016	SC017	SC018
1	2	13DEC84	17JAN87	2	1	98096	180	1	0	5569	5007	A	A	A	2	13	COM
2	3	09MAY86	08NOV88	2	2	97216	560	1	2	5003	5034	A	A	A	1	15	RES
3	4	29OCT85	18SEP87	2	4	97696	560	2	2	5004	5324	A	A	A	1	10	RES
4	5	01OCT84	17JAN87	2	1	98096	180	1	1	A	A	5005	A	A	2	13	COM
5	6	05JUL84	.	2	3	99344	175	1	0	5304	9030	A	A	A	1	22	RES
6	7	08NOV84	.	2	1	98000	180	1	2	5007	5569	A	A	A	2	13	COM
7	8	11SEP84	08OCT88	2	1	98096	180	1	0	5569	5458	A	A	A	2	13	COM
8	9	15JAN85	.	2	1	98128	180	1	0	5458	5569	A	A	A	2	13	COM
9	11	25FEB86	.	2	1	98096	180	1	0	5040	5532	A	A	A	2	13	COM
10	12	14SEP84	.	2	1	98096	180	1	0	5040	5547	A	A	A	2	13	COM
11	13	14JAN85	.	2	1	98144	180	1	0	5458	5569	A	A	A	2	13	COM
12	14	07SEP84	11AUG87	2	1	98112	180	1	0	5569	5458	A	A	A	2	13	COM
13	15	18OCT84	28APR87	2	1	98096	180	1	0	5569	5458	A	A	A	2	13	COM
14	16	12JUN84	.	2	3	99296	233	1	0	5304	9030	A	A	A	1	22	RES
15	17	10JUL84	.	2	2	97104	142	1	0	5003	5034	A	A	A	1	15	RES

CONTENTS PROCEDURE
CONTENTS OF SAS MEMBER DB1.SFLAGS

CREATED BY OS JOB RPEE652 ON CPUID 66-3084-021450 AT 10:25 THURSDAY, APRIL 20, 1989 BY SAS RELEASE 5.18
DSNAME=RPEE.RLCAP.ELCAP.CHAR.SASDB OBSERVATIONS PER TRACK =808 BLKSIZE=23436 LRECL=58 GENERATED BY PROC SORT
NUMBER OF OBSERVATIONS: 1193 NUMBER OF VARIABLES: 16
MENTYPE: DATA

-----ALPHABETIC LIST OF VARIABLES AND ATTRIBUTES-----

#	VARIABLE	TYPE	LENGTH	POSITION	FORMAT	INFORMAT	LABEL
2	SF002	NUM	3	7			STUDY_1
3	SF003	NUM	3	10			STUDY_2
4	SF004	NUM	3	13			MCS
5	SF005	NUM	3	16			MATCH
6	SF006	CHAR	9	19			RSDP_CODE
7	SF007	NUM	3	28			PWRES_CODE
8	SF008	NUM	3	31			RSDP_MF_UNITS
9	SF009	NUM	3	34			STUDY_CHANGE
10	SF010	NUM	3	37			TENURE_CHANGE
11	SF011	NUM	3	40			HEAT_SYSTEM_CHANGE
12	SF012	NUM	3	43			COMM_BLDG_TYPE
13	SF013	NUM	3	46			COMM_BLDG_VINTAGE
14	SF014	NUM	3	49	DATE7.	DATE.	BEGIN_DATE
15	SF015	NUM	3	52	DATE7.	DATE.	END_DATE
16	SF016	NUM	3	55			SEQUENCE
1	SITE	NUM	3	4			SITE

19:56 MONDAY, DECEMBER 11, 1989 17

DATA=DB1.SFLAGS (OBS=15)

OBS	SITE	SF002	SF003	SF004	SF005	SF006	SF007	SF008	SF009	SF010	SF011	SF012	SF013	SF014	SF015	SF016
1	2	62	0	A	A	NA	A	A	A	A	A	9	1	01JAN81	.	1
2	3	11	0	A	A	NA	A	A	0	0	0	A	A	01JAN81	.	1
3	4	11	0	A	A	NA	A	A	0	0	0	A	A	01JAN81	.	1
4	5	62	0	A	A	NA	A	A	A	A	A	3	1	01JAN81	.	1
5	6	1	0	A	A	NA	4353	A	0	0	0	A	A	01JAN81	.	1
6	7	62	0	A	A	NA	A	A	A	A	A	3	2	01JAN81	.	1
7	8	62	0	A	A	NA	A	A	A	A	A	10	1	01JAN81	.	1
8	9	62	0	A	A	NA	A	A	A	A	A	5	2	01JAN81	.	1
9	11	62	65	A	A	NA	A	A	A	A	A	5	1	01JAN81	.	1
10	12	62	0	A	A	NA	A	A	A	A	A	2	2	01JAN81	.	1
11	13	62	0	A	A	NA	A	A	A	A	A	10	1	01JAN81	.	1
12	14	62	0	A	A	NA	A	A	A	A	A	10	1	01JAN81	.	1
13	15	62	0	A	A	NA	14	A	A	A	A	4	1	01JAN81	.	1
14	16	1	22	0	A	NA	4243	A	0	0	0	A	A	01JAN81	.	1
15	17	1	0	0	A	NA	7020	A	0	0	0	A	A	01JAN81	.	1

Data Documentation
for Bonneville Power Administration

Pretest and Posttest Surveys
from the
Hood River Conservation Project

March 1989

ACCESS

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Section 1. Data Set Access for Bonneville Power Administration

Data set descriptions

File 1 -- SAS file of Pretest survey administered in 1983

2,093 records
SAS set name 'PRE'

File 2 -- SAS file of Posttest survey administered in 1986

1,949 records
SAS set name 'POST'

File 3 -- SAS file of combined Pretest and Posttest data

4,042 records
Sas set name 'PREPOST'

File 4 -- Saslib for survey data

Tape number

Tape \$ TAPE01
non-labelled

Note to Bonneville data administrator:

You may wish to change this page to reflect data access after this tape is copied and archived on your own system.

The SASLIB must be copied from the tape using SAS Proc PDSCOPY.
This file is not usable as a SAS format library as it is stored on reel tape.

CONTENTS PROCEDURE
CONTENTS OF SAS MEMBER SASOUT.PRE

ATED BY OS JOB P73935PP ON CPUID 66-3084-020365 AT 12:54 THURSDAY, FEBRUARY 9, 1989 BY SAS RELEASE 5.16
AME=D648.PREPOST.SETLIB.FINAL OBSERVATIONS PER TRACK =50 BLKSIZE=23004 LRECL=920 GENERATED BY DATA
BER OF OBSERVATIONS: 2093 NUMBER OF VARIABLES: 119

#	VARIABLE	TYPE	LENGTH	POSITION	FORMAT	ALPHABETIC LIST OF VARIABLES AND ATTRIBUTES
10	ACCOUNT	NUM	8	40	MISS16.	CUSTOMER BILLING ACCOUNT
21	ACTION1	NUM	8	128	ACTIONS14.	SET BACK WATER HEATER THERMOSTAT
22	ACTION2	NUM	8	136	ACTIONS14.	SET BACK SPACE HEAT THERMOSTAT
23	ACTION3	NUM	8	144	ACTIONS14.	CLOSED OFF SOME ROOMS
24	ACTION4	NUM	8	152	ACTIONS14.	HAD AN ENERGY AUDIT PERFORMED
25	ACTION5	NUM	8	160	ACTIONS14.	INSTALLED AUTO/CLOCK THERMOSTAT SETBACK
26	ACTION6	NUM	8	168	ACTIONS14.	INSTALLED WATER FLOW RESTRICTORS
27	ACTION7	NUM	8	176	ACTIONS14.	WEATHERSTRIPPED DOORS OR WINDOWS
28	ACTION8	NUM	8	184	ACTIONS14.	CAULKED AROUND FOUNDATION OR VENTS
29	ACTION9	NUM	8	192	ACTIONS14.	INSTALLED STORM OR THERMAL WINDOWS
30	ACTION10	NUM	8	200	ACTIONS14.	INSULATED ROOF OR ATTIC
31	ACTION11	NUM	8	208	ACTIONS14.	INSULATED BASEMENT OR CRAWLSPACE
32	ACTION12	NUM	8	216	ACTIONS14.	INSULATED EXTERIOR WALLS
33	ACTION13	NUM	8	224	ACTIONS14.	INSULATED HOT WATER PIPES
34	ACTION14	NUM	8	232	ACTIONS14.	WRAPPED OR INSULATED WATER HEATER
35	ACTION15	NUM	8	240	ACTIONS14.	CHANGED MAIN HEAT FUEL SOURCE
36	ACTION16	NUM	8	248	ACTIONS14.	PURCHASED ENERGY-SAVING APPLIANCES
37	ACTION17	NUM	8	256	ACTIONS14.	TOOK OTHER ACTION TO CONSERVE ENERGY
4	AGE1	NUM	4	16	MISS16.	AGE -- RESIDENT 1
5	AGE2	NUM	4	20	MISS16.	AGE -- RESIDENT 2
6	AGE3	NUM	4	24	MISS16.	AGE -- RESIDENT 3
7	AGE4	NUM	4	28	MISS16.	AGE -- RESIDENT 4
8	AGE5	NUM	4	32	MISS16.	AGE -- RESIDENT 5
9	AGE6	NUM	4	36	MISS16.	AGE -- RESIDENT 6
83	APPL1	NUM	8	624	APPL116.	CLOTHES WASHING MACHINE
84	APPL2	NUM	8	632	APPL116.	ELECTRIC CLOTHES DRYER
85	APPL3	NUM	8	640	APPL116.	GAS CLOTHES DRYER
86	APPL4	NUM	8	648	APPL116.	DISHWASHER
87	APPL5	NUM	8	656	APPL116.	MICROWAVE OVEN
88	APPL6	NUM	8	664	APPL116.	REFRIGERATOR
89	APPL7	NUM	8	672	APPL116.	SEPERATE FOOD FREEZER
90	APPL8	NUM	8	680	APPL116.	ELECTRIC RANGE AND OVEN
91	APPL9	NUM	8	688	APPL116.	GAS RANGE AND OVEN
92	APPL10	NUM	8	696	APPL116.	TELEVISION
93	APPL11	NUM	8	704	APPL116.	WATERBED HEATER
94	APPL12	NUM	8	712	APPL116.	AIR CONDITIONER
95	APPL13	NUM	8	720	APPL116.	OTHER APPLIANCE -- FIRST
96	APPL14	NUM	8	728	APPL116.	OTHER APPLIANCE -- SECOND
97	APPL15	NUM	8	736	APPL116.	OTHER APPLIANCE -- THIRD
98	AREA	NUM	8	744	AREA15.	GEOGRAPHIC SAMPLE AREA
55	ATTIT1	NUM	8	400	ATTIT15.	I'VE DONE ALL I CAN TO CUT ENERGY USE
56	ATTIT2	NUM	8	408	ATTIT15.	GOOD ADVICE IS EASY TO GET
57	ATTIT3	NUM	8	416	ATTIT15.	LITTLE CHOICE BUT TO TAKE STEPS
58	ATTIT4	NUM	8	424	ATTIT15.	FUTURE COST WILL LIMIT ENERGY USE
59	ATTIT5	NUM	8	432	ATTIT15.	REBATES/CREDITS PAY SMALL PART OF COSTS
60	ATTIT6	NUM	8	440	ATTIT15.	CAN DO NOTHING ABOUT RISING ENERGY COSTS

```

*-----*
*  FORMAT NAME: ACTIONS  LENGTH: 14  NUMBER OF VALUES: 8
*  MIN LENGTH: 4  MAX LENGTH: 40  DEFAULT LENGTH: 14  FUZZ: STD
*-----*
*  START |      END | LABEL (VER. 5.16  09FEB89:12:54:49)
*-----*
*  Z |      Z | NO ANSWER
*  N |      N | NOT ASKED
*  D |      D | DON'T KNOW
*  A |      A | NOT APPLICABLE
*  1 |      1 | HAVE DONE
*  2 |      2 | PLAN TO
*  3 |      3 | DECIDED NOT TO
*  4 |      4 | UNDECIDED
*-----*

```

```

*-----*
*  FORMAT NAME: AGREE  LENGTH: 14  NUMBER OF VALUES: 7
*  MIN LENGTH: 4  MAX LENGTH: 40  DEFAULT LENGTH: 14  FUZZ: STD
*-----*
*  START |      END | LABEL (VER. 5.16  09FEB89:12:54:48)
*-----*
*  Z |      Z | NO ANSWER
*  N |      N | NOT ASKED
*  D |      D | I DON'T KNOW
*  A |      A | NOT APPLICABLE
*  1 |      1 | AGREE
*  2 |      2 | DISAGREE
*  3 |      3 | NO OPINION
*-----*

```

```

*-----*
*  FORMAT NAME: APPLI  LENGTH: 16  NUMBER OF VALUES: 7
*  MIN LENGTH: 4  MAX LENGTH: 40  DEFAULT LENGTH: 16  FUZZ: STD
*-----*
*  START |      END | LABEL (VER. 5.16  09FEB89:12:54:55)
*-----*
*  Z |      Z | NO ANSWER
*  N |      N | NOT ASKED
*  D |      D | I DON'T KNOW
*  A |      A | NOT APPLICABLE
*  0 |      0 | NONE USED
*  1 |      1 | ONE USED
*  2 |      2 | TWO OR MORE USED
*-----*

```

```

*-----*
*  FORMAT NAME: AREA  LENGTH: 15  NUMBER OF VALUES: 9
*  MIN LENGTH: 4  MAX LENGTH: 40  DEFAULT LENGTH: 15  FUZZ: STD
*-----*
*  START |      END | LABEL (VER. 5.16  09FEB89:12:54:46)
*-----*
*  Z |      Z | NO ANSWER
*  N |      N | NOT ASKED
*  D |      D | I DON'T KNOW
*  A |      A | NOT APPLICABLE
*  0 |      0 | HOOD RIVER COOP
*-----*

```

Section 4. Data history

How and why data was collected

As part of the Hood River Conservation Project, the Pre-Test Survey was administered to random samples of customers in Hood River, Oregon, the comparison communities of Pendleton and Grants Pass, Oregon, and a random sample of Pacific Power customers within the Bonneville Power Administration area of influence. This survey was administered prior to public announcement of the Project. The Post-Test Survey was administered to new random samples of customers in the same areas after the Project was completed.

The surveys were conducted to assess the effects of the Project on customer attitudes and behaviors relating to energy usage and conservation.

It is important to note that the customer selection was purely random, and that many customers in Hood River were surveys who were not eligible for participation in the Project.

Sample sizes

The following table shows the number of responses per geographic area for each survey.

TABLE OF AREA BY SURVEY			
AREA(GEOGRAPHIC SAMPLE AREA)		SURVEY(SOURCE OF DATA)	
FREQUENCY PERCENT ROW PCT COL PCT	PRE-TEST (1983)	POST-TEST (1986)	TOTAL
HOOD RIVER COOP	206 5.10 52.55 9.84	186 4.60 47.45 9.54	392 9.70
HOOD RIVER PP&L	347 8.58 48.67 16.58	366 9.05 51.33 18.78	713 17.64
GRANTS PASS	522 12.91 51.79 24.94	486 12.02 48.21 24.94	1008 24.94
PENDLETON	509 12.59 51.73 24.32	475 11.75 48.27 24.37	984 24.34
REGIONAL	509 12.59 53.86 24.32	436 10.79 46.14 22.37	945 23.38
TOTAL	2093 51.78	1949 48.22	4042 100.00

The original sample frames for the Pre-Test Survey were 800 customers, randomly chosen, from the communities of Hood River, Grants Pass, and Pendleton (all in Oregon), and a sample of 800 Pacific customers from Oregon, Washington, Idaho, and Western Montana. Customers were chosen from each state in proportion to the number of Pacific customers in that state. The Hood River sample was further split between customers of Pacific and the Hood River Electric Cooperative. After adjusting for duplicate customer names and incorrect county, resident, and address designations, the sample size dropped from 3,200 to 3,008. The final response rate was 69 percent for all groups (2,093 responses), in part because two follow-up mailings were made, all by first-class mail.

The sample frames for the Post-Test Survey were slightly larger to counter the problems with incorrect addresses and multiple accounts per customer found in the Pre-Test Survey. Nine hundred random customers were initially chosen in each of the above areas, with 800 customers kept per group after duplicates and address problems were removed. The final response rate was 61 percent (1,949 responses). This response rate was lower because less emphasis was placed on follow-up mailings.

Known errors and coding problems

Missing values for resident ages (variables AGE1 to AGE6) were not re-coded to '.Z'. These variables retain the missing code of '.', though special types of missing data such as 'not applicable' are correctly coded. All other variables are completely documented as to reason for missing data.

```
if (AGE1 EQ .) then AGE1=.Z;  
if (AGE2 EQ .) then AGE2=.Z;  
if (AGE3 EQ .) then AGE3=.Z;  
if (AGE4 EQ .) then AGE4=.Z;  
if (AGE5 EQ .) then AGE5=.Z;  
if (AGE6 EQ .) then AGE6=.Z;
```

Duplicate selection numbers between the pre-test and post-test surveys caused the loss of 16 individual customers in the regional subset. The selection numbers were assigned to customers in both Washington and Idaho. This resulted in no survey data available for Idaho customers as the original sample size was eight, all of which were assigned the duplicate numbers. There were ten completed surveys returned from these 16 customers.

Six Pacific Power accounts in Hood River are incorrectly coded as belonging to the Hood River Electric Cooperative sample. These accounts can be correctly assigned by a comparison of the account numbers, as follows:

```
if (AREA EQ 0) and (ACCOUNT GT 126E7) then AREA=1;
```

Variables affected by consolidation

Though very similar, there were some differences in questions between the two surveys. The Post-Test Survey had additional attitude questions added (variables ATTIT13-ATTIT18), and divided electric heat into permanently in-

stalled heating equipment and portable heaters. This survey also asked for the date of installation of permanent heating equipment. The Pre-Test Survey does not have this additional detail on electric heat customers.

The Pre-Test Survey included some opinion questions (variables OPINION5-OPINION9 and BESTACT1-BESTACT3) which were not included in the Post-Test Survey. The Pre-Test Survey also had questions about appliance ownership (variables APPL1-APPL15) which were not included in the Post-Test instrument.

Both surveys originally asked for the ages, sexes, and nature of residency of the first ten household occupants. In preparing the final data sets, information was kept only for the first six occupants, due to the extremely small number of households with more than six members.

Other sources of data documentation

The following documents contain additional information of survey administration and analytic results of survey comparisons.

Berg, Helen and Pam Bodenroeder (1986). Report on Pre-Test and Follow-After Surveys, Oregon State University, Corvallis, Oregon, June.

Berg, Helen and Pam Bodenroeder (1983). Hood River Community Conservation Project Evaluation Plan. Report on Pre-Test Survey, Oregon State University, Corvallis, Oregon, June.

Kaplon, Shellie, Muhannad Khawaja, and H. Gil Peach (1988). Final Report on Baseline and Follow-After Surveys, Final Report, Hood River Conservation Project, DOE/BP-11287-14, January.

Data from these surveys have also been used in many other Hood River Conservation Project reports and papers.

Account number alteration for customer privacy

All customer account numbers have been modified in order to protect customer privacy. These modifications are identical across data bases, allowing merging and tracking of individual accounts but preventing any particular individual to be identified by name.

1-----2-----3-----4-----5-----6-----7-----8

```
//P73935 JOB (92142,719,648),SCH0CH,
// NOTIFY=P73935,CLASS=N,MSGCLASS=Z
// * TITLE1! HRCF DATA SET COPY
// * TITLE2! PRETEST AND POSTTEST SURVEYS
// *JOBPARM ROOM=F04A
//MESSAGE *****
//MESSAGE ** KAREN SCH0CH EXT 5987 **
// * >>>>> LRSASEDIT <<<<<
// * COMBINE AND RECONFIGURE PRE- AND POSTTEST SURVEY DATA,
// * OUTPUT INDIVIDUAL AND COMBINED DATASETS
// *
//EDIT EXEC SAS,REGION=2056K
//SASIN1 DD DSN=D648.PRETEST.SURVEY.SASDATA,DISP=SHR
//SASIN2 DD DSN=D648.POSTTEST.SURVEY.SASDATA,DISP=SHR
//SASOUT DD DSN=D648.PREPOST.SETLIB.FINAL,UNIT=DISK,
// DISP=(NEW,CATLG,DELETE),SPACE=(400,100),RLSE)
//SASLIB DD DSN=D648.PREPOST.SASLIB.FINAL,DISP=MOD
//SYSIN DD *
```

/* CHANGE FORMATS FOR BOTH SURVEYS */

PROC FORMAT LIBRARY=SASLIB;

```
VALUE AREA
0='HOOD RIVER COOP'
1='HOOD RIVER PP&L'
2='GRANTS PASS'
3='PENDLETON'
4='REGIONAL'
.D='I DON'T KNOW'
.N='NOT ASKED'
.A='NOT APPLICABLE'
.Z='NO ANSWER'
```

VALUE COST

```
1='INCREASE'
2='DECREASE'
3='ABOUT THE SAME'
.D='I DON'T KNOW'
.N='NOT ASKED'
.A='NOT APPLICABLE'
.Z='NO ANSWER'
```

VALUE THOUGHT

```
1='A LOT'
2='QUITE A BIT'
3='A LITTLE'
4='NOT MUCH AT ALL'
.D='I DON'T KNOW'
.N='NOT ASKED'
.A='NOT APPLICABLE'
.Z='NO ANSWER'
```

VALUE SHORTAG

```
1='NOT AT ALL LIKLY'
2='NOT TOO LIKELY'
3='SOMENHAT LIKELY'
4='VERY LIKELY'
.D='I DON'T KNOW'
.N='NOT ASKED'
```

00000100
00000200
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00005200
00005300
00005400

.A = 'NOT APPLICABLE'
.B = 'UNRESPONSIVE'
.C = 'ANTI-UTILITY REMARK'
.N = 'NOT ASKED'
.D = 'DON'T KNOW'
. = 'NO ANSWER'



PACIFIC NORTHWEST ENERGY CONSERVATION SURVEY

Information concerning who should complete this
questionnaire is in the enclosed letter. Your
help with this survey is greatly appreciated!

THE SURVEY RESEARCH CENTER
OREGON STATE UNIVERSITY
CORVALLIS, OREGON 97331

PRETEST

1983

PRETEST

ENERGY CONSERVATION SURVEY

VARIABLE

FORMAT

1. From what you know or have heard, do you think that the cost of electricity for homes in the Pacific Northwest will increase, decrease, or stay about the same in the next five years? (Circle one number)

OPINION1

- 1 INCREASE
- 2 DECREASE
- 3 STAY ABOUT THE SAME
- 4 I DON'T KNOW

COST.

2. Some people are thinking a lot these days about the supply of electricity and its cost, while others haven't had time to give it much thought. How about you? Have you thought about it: (Circle one number)

OPINION2

- 1 A LOT
- 2 QUITE A BIT
- 3 A LITTLE
- 4 NOT MUCH AT ALL

THOUGHT.

3. How likely do you think it is that there will be a shortage of electric power for homes at some time in the future? Do you think it is: (Circle one number)

OPINION3

- 1 NOT AT ALL LIKELY
- 2 NOT TOO LIKELY
- 3 SOMEWHAT LIKELY
- 4 VERY LIKELY

SHORTAG.

- 3a. If there is a shortage of electricity for homes in the future, do you think it will occur within: (Circle one number)

OPINION4

- 1 ONE TO TWO YEARS
- 2 THREE TO FIVE YEARS
- 3 SIX TO TEN YEARS
- 4 OTHER (Specify _____)
- I DON'T KNOW

SHORTYR.

(PLEASE TURN THE PAGE)

4. Listed below are some statements often made about energy conservation. Please indicate whether you agree with each statement, disagree, or have no opinion. (Circle one number for each statement)

STATEMENT		AGREE	DISAGREE	NO OPINION
OPINION5-9	a. Your electric utility offers low interest loans or cash rebates for energy conservation investments.....	1	2	3
	b. A well-insulated house uses about half as much heat as a house with average insulation.....	1	2	3
	c. Federal tax credits are available for energy conservation investments.....	1	2	3
	d. Household lights consume more energy than an electric water heater.....	1	2	3
	e. Increasing the "R" value of insulation decreases the amount of energy used.....	1	2	3

AGREE.

5. Some households decide that certain conservation measures make more sense than others. Please indicate for each of the actions listed below whether your household has taken the conservation action, plans to take it in the future, has decided definitely not to do it, or is undecided. (Circle one number for each)

CONSERVATION ACTION		HAVE DONE	PLAN TO	DECIDED NOT TO	UNDECIDED
ACTION1-17	a. Set back temperature on water heater.....	1	2	3	4
	b. Set back thermostat(s) for space heating.....	1	2	3	4
	c. Closed off some rooms.....	1	2	3	4
	d. Had an energy audit performed.....	1	2	3	4
	e. Installed automatic or clock thermostat setback.....	1	2	3	4
	f. Installed water flow restrictors on faucets or showers.....	1	2	3	3
	g. Weatherstripped doors and/or windows.....	1	2	3	4
	h. Caulked around foundation, vents and other places where outside air can enter.....	1	2	3	4
	i. Installed storm or thermal windows.....	1	2	3	4
	j. Insulated roof or attic.....	1	2	3	4
	k. Insulated basement or crawlspace.....	1	2	3	4
	l. Insulated outside walls.....	1	2	3	4
	m. Insulated hot water pipes.....	1	2	3	4
	n. Wrapped or insulated water heater.....	1	2	3	4
	o. Changed main fuel source for space heating.....	1	2	3	4
	p. Purchased energy saving appliances.....	1	2	3	4
	q. Other (Specify _____)	1	2	3	4

ACTIONS.

(PLEASE GO ON TO THE NEXT PAGE)

FORMAT NAME	RANGE	LABEL
-----	-----	-----

\$ENDUSE	ABC	ENERGY SUM CHECK ABSOLUTE VALUE (COM)
	ABS	ENERGY SUM CHECK ABSOLUTE VALUE (RES)
	AHE	AIR TO AIR HEAT EXCHANGER
	AH1	AIR TO AIR HEAT EXCHANGER TEMPERATURE 1
	AH2	AIR TO AIR HEAT EXCHANGER TEMPERATURE 2
	AIR	AIR CONDITIONING
	AUX	AUXILIARIES
	A2D	A-TO-D CONVERTER RECONSTRUCTION
	BLT	BUILDING TOTAL
	BTU	HEAT FLUX READING
	CHK	ENERGY END USE SUM CHECK (COM)
	COL	COOLING
	CWA	CLOTHES WASHER
	C50	COOLING DEGREE HOURS 50 DEGREES
	C55	COOLING DEGREE HOURS 55 DEGREES
	C60	COOLING DEGREE HOURS 60 DEGREES
	C65	COOLING DEGREE HOURS 65 DEGREES
	C70	COOLING DEGREE HOURS 70 DEGREES
	C75	COOLING DEGREE HOURS 75 DEGREES
	C80	COOLING DEGREE HOURS 80 DEGREES
	DAT	DATA PROCESSING
	DEW	DEW POINT TEMP.
	DHZ	DIRECT HORIZONTAL INSOLATION
	DIF	DIFFUSE HORIZONTAL INSOLATION
	DNM	DIRECT NORMAL RADIATION
	DQF	DQ FLAG
	DQL	DQ LEVEL
	DRY	CLOTHES DRYER
	DWA	DISH WASHER
	ELV	VERTICAL TRANSPORT
	ETR	EXTRA-TERRESTRIAL RADIATION
	FDP	FOOD PREPARATION
	FOO	FOOD PREPARATION
	FZR	FREEZER
	F01	INTERIOR AIRFLOW ASSOC WITH HVAC #1
	F02	INTERIOR AIRFLOW ASSOC WITH HVAC #2
	F03	INTERIOR AIRFLOW ASSOC WITH HVAC #3
	F04	INTERIOR AIRFLOW ASSOC WITH HVAC #4
	F05	INTERIOR AIRFLOW ASSOC WITH HVAC #5
	F06	INTERIOR AIRFLOW ASSOC WITH HVAC #6
	F07	INTERIOR AIRFLOW ASSOC WITH HVAC #7
	F08	INTERIOR AIRFLOW ASSOC WITH HVAC #8
	F09	INTERIOR AIRFLOW ASSOC WITH HVAC #9
	F10	INTERIOR AIRFLOW ASSOC WITH HVAC #10
	GEN	GENERAL / MIXED
	GFL	GAS FLOW METER
	GHZ	GLOBAL HORIZONTAL RADIATION
	GT1	FLUE GAS TEMP FOR HOT WATER #1
	GT2	FLUE GAS TEMP FOR HOT WATER #2
	GT3	FLUE GAS TEMP FOR HOT WATER #3
	HEA	HEATING
	HM1	RELATIVE HUMIDITY 1
	HM2	RELATIVE HUMIDITY 2
	HOT	HOT WATER
	HTR	SPACE HEATING
	HVA	HVAC
	H20	WATER HEATING
	H50	HEATING DEGREE HOURS 50 DEGREES
	H55	HEATING DEGREE HOURS 55 DEGREES
	H60	HEATING DEGREE HOURS 60 DEGREES
	H65	HEATING DEGREE HOURS 65 DEGREES
	H70	HEATING DEGREE HOURS 70 DEGREES
	ILT	INTERIOR LIGHTING
	INP	NUMBER OF INPUT ENDUSES
	IT1	INTERIOR TEMP #1
	IT2	INTERIOR TEMP #2
	IT3	INTERIOR TEMP #3
	IT4	INTERIOR TEMP #4
	IT5	INTERIOR TEMP #5
	IT6	INTERIOR TEMP #6
	IT7	INTERIOR TEMP #7
	IT8	INTERIOR TEMP #8
	IT9	INTERIOR TEMP #9
	IO1	INTERIOR TEMP #1
	IO2	INTERIOR TEMP #2

I03	INTERIOR TEMP #3
I04	INTERIOR TEMP #4
I05	INTERIOR TEMP #5
I06	INTERIOR TEMP #6
I07	INTERIOR TEMP #7
I08	INTERIOR TEMP #8
I09	INTERIOR TEMP #9
I10	INTERIOR TEMP#10
I11	INTERIOR TEMP#11
I12	INTERIOR TEMP#12
I13	INTERIOR TEMP#13
I14	INTERIOR TEMP#14
I15	INTERIOR TEMP#15
I16	INTERIOR TEMP#16
I17	INTERIOR TEMP#17
I18	INTERIOR TEMP#18
I19	INTERIOR TEMP#19
I20	INTERIOR TEMP#20
I21	INTERIOR TEMP#20
I22	INTERIOR TEMP#20
I23	INTERIOR TEMP#20
I24	INTERIOR TEMP#20
I25	INTERIOR TEMP#20
KLC	KITCHEN LIGHTS / CONVENIENCES
LAB	LABORATORY
LFA	HOOD RIVER A-PHASE SUBSTATION LINE
LFB	HOOD RIVER B-PHASE SUBSTATION LINE
LFC	HOOD RIVER C-PHASE SUBSTATION LINE
LGT	LOGGER TOTAL
LIT	LIGHTS / CONVENIENCES
MHT	MIXED HEAT
MIN	NUMBER OF MINUTES FOR THIS HOUR
MIS	DQ MISSING
MIX	MIXED HVAC
MRF	MIXED REFRIGERATOR
MTR	MATERIAL HANDLING
OHM	OUTDOOR RELATIVE HUMIDITY
OLC	OUTSIDE LIGHTS / CONVENIENCES
OLT	EXTERIOR LIGHTING
OPQ	TOTAL OPAQUE SKY COVER
OTH	OTHER / MIXED
OT1	OUTDOOR TEMP #1
OT2	OUTDOOR TEMP #2
OT3	OUTDOOR TEMP #3
OT4	OUTDOOR TEMP #4
PCE	TEMPERATURE PROXY FOR COOKING
PHE	ELECTRICAL PROXY FOR HEAT
PHO	PHOTOMETER
PLG	RECEPTICLES
PWE	ELECTICAL PROXY FOR HOT WATER
PWT	TEMPERATURE PROXY FOR HOT WATER
REC	RECREATION
REF	PURE REFRIGERATOR
RFN	REFRIGERATION
RNG	DQ RANGE
SAN	SANITATION
SCN	NUMBER OF SCANS FOR THIS HOUR
SHP	SHOP
SKY	TOTAL SKY COVER
SMM	LOGGER SUMCHECK
SM1	SPECIAL MAJOR APPLIANCE 1
SM2	SPECIAL MAJOR APPLIANCE 2
SP1	SPECIALTY 1
SP2	SPECIALTY 2
SP3	SPECIALTY 3
SP4	SPECIALTY 4
SP5	SPECIALTY 5
SP6	SPECIALTY 6
SP7	SPECIALTY 7
SP8	SPECIALTY 8
SP9	SPECIALTY 9
STP	STATION PRESSURE
ST1	WOOD STOVE THERMAL SENSOR
ST2	WOOD STOVE SWITCH OR THERMAL SENSOR
ST3	WOOD STOVE TEMPERATURE SENSOR
ST4	HOOD RIVER WOOD STOVE TEMPERATURE
SUM	ENERGY END USE SUM CHECK (RES)
S04	SOIL TEMPERATURE 4 INCH
S10	SPECIALTY 10
S11	SPECIALTY 11

S12	SPECIALTY 12
S20	SOIL TEMPERATURE 20 INCH
S40	SOIL TEMPERATURE 40 INCH
TCH	TOTAL COMMERCIAL HVAC
TCL	TOTAL COMMERCIAL LIGHTING
TCO	TOTAL COMMERCIAL OTHER
TOT	BUILDING TOTAL
TSH	TIMESHIFT
T01	INTERIOR TEMP ASSOC WITH HVAC #1
T02	INTERIOR TEMP ASSOC WITH HVAC #2
T03	INTERIOR TEMP ASSOC WITH HVAC #3
T04	INTERIOR TEMP ASSOC WITH HVAC #4
T05	INTERIOR TEMP ASSOC WITH HVAC #5
T06	INTERIOR TEMP ASSOC WITH HVAC #6
T07	INTERIOR TEMP ASSOC WITH HVAC #7
T08	INTERIOR TEMP ASSOC WITH HVAC #8
T09	INTERIOR TEMP ASSOC WITH HVAC #9
T10	INTERIOR TEMP ASSOC WITH HVAC #10
T11	INTERIOR TEMP ASSOC WITH HVAC #11
T12	INTERIOR TEMP ASSOC WITH HVAC #12
T13	INTERIOR TEMP ASSOC WITH HVAC #13
T14	INTERIOR TEMP ASSOC WITH HVAC #14
T15	INTERIOR TEMP ASSOC WITH HVAC #15
T16	INTERIOR TEMP ASSOC WITH HVAC #16
T17	INTERIOR TEMP ASSOC WITH HVAC #17
T18	INTERIOR TEMP ASSOC WITH HVAC #18
T19	INTERIOR TEMP ASSOC WITH HVAC #19
T20	INTERIOR TEMP ASSOC WITH HVAC #20
T21	INTERIOR TEMP ASSOC WITH HVAC #21
T22	INTERIOR TEMP ASSOC WITH HVAC #22
T23	INTERIOR TEMP ASSOC WITH HVAC #23
T24	INTERIOR TEMP ASSOC WITH HVAC #24
T25	INTERIOR TEMP ASSOC WITH HVAC #25
T26	INTERIOR TEMP ASSOC WITH HVAC #26
T27	INTERIOR TEMP ASSOC WITH HVAC #27
T28	INTERIOR TEMP ASSOC WITH HVAC #28
T29	INTERIOR TEMP ASSOC WITH HVAC #29
T30	INTERIOR TEMP ASSOC WITH HVAC #30
UNK	UNKNOWN
VAC	VACANCY
VNT	VENTILATION
VT2	MET REF VOLTAGE
WDR	WIND DIRECTION
WDU	WOODUSE
WDV	WIND DIRECTION VECTOR
WET	WET BULB TEMP.
WHB	WATT HOUR BOARD RECONSTRUCTION
WSP	WIND SPEED
WSV	WINDSPEED VECTOR

\$UNITS	BTU	BTU
	CDH	COOLING DEGREE HOURS
	CMS	CM/SEC
	CNT	COUNT OF EVENTS
	DEG	COMPASS DEGREES
	DQF	DQF CODE
	DQL	DQL CODE
	F	DEGREES FAHRENHEIT
	HDH	HEATING DEGREE HOURS
	IHG	INCHES OF MERCURY
	KW	KILOWATTS
	MHG	MILLIMETER OF MERCURY
	MIN	MINUTES
	PCT	PERCENT
	PHO	PHOTOMETER UNITS
	VAC	VACANCY CODE
	WDU	WOOD USE INDICATOR
	WMS	WATTS/M-SQ
	WS1	WOOD STOVE UNITS
	WS2	WOOD STOVE UNITS
	WS3	WOOD STOVE UNITS
	WS4	WOOD STOVE UNITS

DOW	0	ALL DAYS
	1	SUNDAY
	2	MONDAY
	3	TUESDAY
	4	WEDNESDAY

5	THURSDAY
6	FRIDAY
7	SATURDAY
8	WEEKDAYS
9	WEEKENDS & HOLIDAYS
10	END USE PEAK DAY
11	SITE PEAK DAY
12	SYSTEM PEAK DAY

EU

1	BUILDING TOTAL
2	HOT WATER
3	HVAC
4	SPACE HEATING
5	AIR CONDITIONING
6	MIXED HEAT
7	OTHER / MIXED
8	LIGHTS / CONVENIENCES
9	KITCHEN LIGHTS / CONVENIENCES
10	OUTSIDE LIGHTS / CONVENIENCES
11	PURE REFRIGERATOR
12	MIXED REFRIGERATOR
13	FREEZER
14	FOOD PREPARATION
15	DISH WASHER
16	CLOTHES WASHER
17	CLOTHES DRYER
18	AIR TO AIR HEAT EXCHANGER
19	SPECIAL MAJOR APPLIANCE 1
20	SPECIAL MAJOR APPLIANCE 2
21	AIR TO AIR HEAT EXCHANGER TEMPERATURE 1
22	AIR TO AIR HEAT EXCHANGER TEMPERATURE 2
23	WOOD STOVE THERMAL SENSOR
24	WOOD STOVE SWITCH OR THERMAL SENSOR
25	WOOD STOVE TEMPERATURE SENSOR
26	HOOD RIVER WOOD STOVE TEMPERATURE
28	BUILDING TOTAL
29	LOGGER TOTAL
30	LOGGER SUMCHECK
31	HEATING
32	ELECTRICAL PROXY FOR HEAT
33	COOLING
34	VENTILATION
35	AUXILIARIES
36	MIXED HVAC
37	INTERIOR LIGHTING
38	EXTERIOR LIGHTING
39	REFRIGERATION
40	WATER HEATING
41	ELECTICAL PROXY FOR HOT WATER
42	TEMPERATURE PROXY FOR HOT WATER
43	FLUE GAS TEMP FOR HOT WATER #1
44	FLUE GAS TEMP FOR HOT WATER #2
45	FLUE GAS TEMP FOR HOT WATER #3
46	RECEPTICLES
47	VERTICAL TRANSPORT
48	FOOD PREPARATION
49	TEMPERATURE PROXY FOR COOKING
50	MATERIAL HANDLING
51	DATA PROCESSING
52	RECREATION
53	SANITATION
54	LABORATORY
55	SHOP
56	GENERAL / MIXED
57	UNKNOWN
58	SPECIALTY 1
59	SPECIALTY 2
60	SPECIALTY 3
61	SPECIALTY 4
62	SPECIALTY 5
63	HOOD RIVER A-PHASE SUBSTATION LINE
64	HOOD RIVER B-PHASE SUBSTATION LINE
65	HOOD RIVER C-PHASE SUBSTATION LINE
66	HEAT FLUX READING
67	GAS FLOW METER
68	WATT HOUR BOARD RECONSTRUCTION
69	A-TO-D CONVERTER RECONSTRUCTION
70	STATUS SENSOR 01
71	STATUS SENSOR 02

72	STATUS SENSOR 03
73	STATUS SENSOR 04
74	STATUS SENSOR 05
75	STATUS SENSOR 06
76	STATUS SENSOR 07
77	STATUS SENSOR 08
78	STATUS SENSOR 09
79	STATUS SENSOR 10
80	STATUS SENSOR 11
81	STATUS SENSOR 12
82	STATUS SENSOR 13
83	STATUS SENSOR 14
84	STATUS SENSOR 15
85	STATUS SENSOR 16
86	STATUS SENSOR 17
87	STATUS SENSOR 18
88	STATUS SENSOR 19
89	STATUS SENSOR 20
90	STATUS SENSOR 21
91	STATUS SENSOR 22
92	STATUS SENSOR 23
93	STATUS SENSOR 24
94	INTERIOR TEMP #1
95	INTERIOR TEMP #2
96	INTERIOR TEMP #3
97	INTERIOR TEMP #4
98	INTERIOR TEMP #5
99	INTERIOR TEMP #6
100	INTERIOR TEMP #7
101	INTERIOR TEMP #8
102	INTERIOR TEMP #9
103	INTERIOR TEMP#10
104	INTERIOR TEMP#11
105	INTERIOR TEMP#12
106	INTERIOR TEMP#13
107	INTERIOR TEMP#14
108	INTERIOR TEMP#15
109	INTERIOR TEMP#16
110	INTERIOR TEMP#17
111	INTERIOR TEMP#18
112	INTERIOR TEMP#19
113	INTERIOR TEMP#20
114	OUTDOOR TEMP #1
115	OUTDOOR TEMP #2
116	OUTDOOR TEMP #3
117	OUTDOOR TEMP #4
118	RELATIVE HUMIDITY 1
119	RELATIVE HUMIDITY 2
120	WIND SPEED
121	WIND DIRECTION
122	GLOBAL HORIZONTAL RADIATION
123	EXTRA-TERRESTRIAL RADIATION
124	DIRECT NORMAL RADIATION
125	DIRECT HORIZONTAL INSOLATION
126	DIFFUSE HORIZONTAL INSOLATION
127	PHOTOMETER
128	DEW POINT TEMP.
129	WET BULB TEMP.
130	OUTDOOR RELATIVE HUMIDITY
131	STATION PRESSURE
132	SOIL TEMPERATURE 4 INCH
133	SOIL TEMPERATURE 20 INCH
134	SOIL TEMPERATURE 40 INCH
135	MET REF VOLTAGE
136	TOTAL SKY COVER
137	TOTAL OPAQUE SKY COVER
138	SPECIALTY 6
139	SPECIALTY 7
140	SPECIALTY 8
141	SPECIALTY 9
142	SPECIALTY 10
143	SPECIALTY 11
144	SPECIALTY 12
198	WINDSPEED VECTOR
199	WIND DIRECTION VECTOR
200	VACANCY
201	WOODUSE
202	TOTAL COMMERCIAL HVAC
203	TOTAL COMMERCIAL LIGHTING
204	TOTAL COMMERCIAL OTHER

205	HEATING DEGREE HOURS 50 DEGREES
206	HEATING DEGREE HOURS 55 DEGREES
207	HEATING DEGREE HOURS 60 DEGREES
208	HEATING DEGREE HOURS 65 DEGREES
209	HEATING DEGREE HOURS 70 DEGREES
210	COOLING DEGREE HOURS 50 DEGREES
211	COOLING DEGREE HOURS 55 DEGREES
212	COOLING DEGREE HOURS 60 DEGREES
213	COOLING DEGREE HOURS 65 DEGREES
214	COOLING DEGREE HOURS 70 DEGREES
215	COOLING DEGREE HOURS 75 DEGREES
216	COOLING DEGREE HOURS 80 DEGREES
217	ENERGY END USE SUM CHECK (RES)
218	ENERGY SUM CHECK ABSOLUTE VALUE (RES)
219	ENERGY END USE SUM CHECK (COM)
220	ENERGY SUM CHECK ABSOLUTE VALUE (COM)
321	DQ LEVEL
322	TIMESHIFT
323	DQ FLAG

MEASURE	0	TOTAL SITE
	1	END USE (SUMS TO TOTAL SITE)
	2	SUB-END USE (SUMS TO AN END-USE)
	3	SUB-END USE (MAY NOT SUM TO AN END-USE)
	11	WOOD STOVE SENSOR
	12	TEMPERATURE SENSOR
	13	METEOROLOGICAL SENSOR
	14	MISCELLANEOUS SENSOR
	98	CALCULATED VALUE
	99	DATA QUALITY

FORMAT NAME	RANGE	LABEL
\$BI009X	DGR	DRY GOOD RETAIL
	GRO	GROCERY
	HTM	HOTEL/MOTEL
	OFB	BANK OFFICE
	OFF	OFFICE
	OFG	GENERAL OFFICE
	OFM	MEDICAL OFFICE
	OFF	PUBLIC ADMIN OFFICE
	OTH	OTHER
	RES	RESTAURANT
	SCH	SCHOOL
	UNI	UNIVERSITY
	WAR	WAREHOUSE

\$BI010X	000	- 099SMALL, PRE-1981
	100	- 199LARGE, PRE-1981
	200	- 299VERY LARGE, PRE-1981
	300	- 399SMALL, POST-1981
	400	- 499LARGE, POST-1981
	500	- 599VERY LARGE, POST-1981

\$SC018X	CAP	COM. AUDIT PGM
	COM	COM. BASE SITE
	DOE	DOE CO-INSTRUM.
	HCOM	HOOD RIVER COM.
	HRES	HOOD RIVER RES.
	HSUB	HOOD RIVER SUBST
	MAN	MANUF. HOUSING
	MET	METEOROLOGICAL
	MFM	MULTIFAMILY
	PES	PURCH ENERGY SAV
	RES	RES. BASE SITE
RSDP	RES. STANDARDS	

FRC002X	.A	NOT APPLICABLE
	.	MISSING
	1	PRIVATE
	2	PUBLIC GEN.
	3	PUBLIC NONGEN.

FRC003X	.A	NOT APPLICABLE
	.	MISSING
	10	PRE 1960
	11	PRE 1940
	12	1940-49
	13	1950-59
	20	1960-78
	21	1960-69
	22	1970-74
	23	1975-78
	30	POST 1978
	31	1979-81
	32	POST 1981

FRC006X	.A	NOT APPLICABLE
	.	MISSING
	1	ELEC FORCED AIR
	2	ELEC BASEBOARD
	3	ELEC RADIANT
	4	ELEC HEAT PUMP
	5	GAS FORCED AIR
	6	GAS STEAM/WATER
	7	OIL FORCED AIR
	8	OIL STEAM/WATER
	9	KEROSENE
	10	WOODSTOVE
	11	FIREPLACE INSERT
	12	ELEC PORTABLE
	13	ELEC ROOM F.A.
14	WOOD FURNACE	

FRC007X	.A	NOT APPLICABLE
	.	MISSING
	0	NONE
	1	ELEC FORCED AIR
	2	ELEC BASEBOARD
	3	ELEC RADIANT
	4	ELEC HEAT PUMP
	5	ELEC ROOM F.A.
	10	EFA + EBB
	11	EFA + RAD
	12	EFA + HP
	13	EBB + RAD
	14	EBB + HP
	15	RAD + HP
	16	RAD + ROOM FA
	17	EBB + RAD + HP
FRC008X	.A	NOT APPLICABLE
	.	MISSING
	1	YES
	2	NO
FRC009X	.A	NOT APPLICABLE
	.	MISSING
	0	NONE
	1	MINOR EQUIPMENT
	2	MAJOR EQUIPMENT
FRC011X	.A	NOT APPLICABLE
	.	MISSING
	1	UNDER \$8,000
	2	\$8,000-\$15,999
	3	\$16,000-\$24,999
	4	\$25,000-\$34,999
	5	\$35,000-\$59,999
	6	\$60,000 & OVER
FRC012X	.A	NOT APPLICABLE
	.	MISSING
	1	NEVER ATTENDED
	2	SOME ELEMENTARY
	3	COMP ELEMENTARY
	4	SOME HIGH SCHOOL
	5	COMP HIGH SCHOOL
	6	COMP TRADE/VOC
	7	SOME COLLEGE
	8	COMP COLLEGE
	9	SOME POST-GRAD
	10	COMP POST-GRAD
FRC015X	.A	NOT APPLICABLE
	.	MISSING
	0	VACANT
	1	<6, 18-65
	2	<6, 6-17, 18-65
	3	6-17, 18-65
	4	<6, 18-65, >65
	5	ALL 4 AGE GROUPS
	6	6-17, 18-65, >65
	7	<6, >65
	8	<6, 6-17, >65
	9	6-17, >65
	10	18-65
	11	18-65, >65
	12	>65
FRC016X	.A	NOT APPLICABLE
	.	MISSING
	0	NONE
	1	GAS FORCED AIR
	2	GAS STEAM/WATER
	3	GAS WALL UNIT
	4	OIL FORCED AIR

	5	OIL STEAM/WATER
	6	OIL WALL UNIT
	7	OIL STOVE
	8	COAL STOVE
	9	PROPANE STM/WTR
FRC019X	.A	NOT APPLICABLE
	.	MISSING
	1	AS EFFICIENT
	2	LITTLE IMPROVE
	3	MODERATE IMPROVE
	4	LOT OF IMPROVE
	5	DO NOT KNOW
FRC021X	.A	NOT APPLICABLE
	.	MISSING
	0	NONE
	1	CENTRAL ELEC
	2	EVAP COOLER
	3	HEAT PUMP (AIR)
	4	WALL/WINDOW
	5	HEAT PUMP+WINDOW
	6	TWO CENTRAL ELEC
	7	TWO WALL/WINDOW
FRC024BX	.A	NOT APPLICABLE
	.	MISSING
	1	COND SPACE
	2	UNCOND SPACE
	3	COND+UNCOND SP
FRC024X	.A	NOT APPLICABLE
	.	MISSING
	10	COND, NONE
	11	COND, INSUL TANK
	12	COND, INSUL PIPE
	13	COND, SOLAR
	14	COND, TANK+PIPE
	15	COND, TANK+SOLAR
	16	COND, PIPE+SOLAR
	17	COND, T+P+S
	20	UNCOND, NONE
	21	UNCOND, INS TANK
	22	UNCOND, INS PIPE
	23	UNCOND, SOLAR
	24	UNCOND, T+P
	25	UNCOND, T+S
	26	UNCOND, P+S
	27	UNCOND, T+P+S
	100	2 COND, NONE
	110	2 COND, T+NONE
	111	2 COND, TANKS
	202	2 UNCOND, NONE+P
	211	2 UNCOND, TANKS
	311	COND+UNCOND TANK
METSITE	.A	NOT APPLICABLE
	.	MISSING
	9001	ASTORIA (NWS)
	9002	EUGENE (NWS)
	9003	LEWISTON (NWS)
	9004	MEDFORD (NWS)
	9005	NORTH BEND (NWS)
	9006	OLYMPIA (NWS)
	9007	PENDLETON (NWS)
	9008	PORTLAND (NWS)
	9009	QUILLAYUTE (NWS)
	9010	REDMOND (NWS)
	9011	SALEM (NWS)
	9012	SEATTLE (NWS)
	9013	SPOKANE (NWS)
	9014	YAKIMA (NWS)
	9015	BOISE (NWS)
	9016	HELENA (NWS)
	9017	KALISPELL (NWS)

9018	MISSOULA	(NWS)
9019	POCATELLO	(NWS)
9030	HANFORD	(NWS)
9031	DILLON	(NWS)
9032	GREAT FALLS	(NWS)
9033	WHIDBEY IS.	(NWS)
9101	ASTORIA	(TMY)
9103	LEWISTON	(TMY)
9104	MEDFORD	(TMY)
9105	NORTH BEND	(TMY)
9106	OLYMPIA	(TMY)
9108	PORTLAND	(TMY)
9110	REDMOND	(TMY)
9111	SALEM	(TMY)
9112	SEATTLE	(TMY)
9113	SPOKANE	(TMY)
9114	YAKIMA	(TMY)
9115	BOISE	(TMY)
9116	HELENA	(TMY)
9118	MISSOULA	(TMY)
9119	POCATELLO	(TMY)
9131	DILLON	(TMY)
9133	WHIDBEY IS.	(TMY)
9204	MEDFORD	(WYEC)
9208	PORTLAND	(WYEC)
9212	SEATTLE	(WYEC)
9215	BOISE	(WYEC)
9232	GR. FALLS	(WYEC)

NA	.A	NOT APPLICABLE
	.	MISSING

SC004X	.A	NOT APPLICABLE
	.	MISSING
	2	PACIFIC TIME
	4	MOUNTAIN TIME

SC005X	.A	NOT APPLICABLE
	.	MISSING
	1	W. WASHINGTON
	2	W. OREGON
	3	E. WASHINGTON
	4	E. OREGON
	5	IDAHO
	6	MONTANA
	7	NEVADA
	8	WYOMING

SC007X	101	ALBION
	103	ASHLAND
	104	BANDON
	106	BLAINE
	107	BONNER'S FERRY
	109	BURLEY
	111	CANBY
	115	CASCADE LOCKS
	119	CENTRALIA
	123	CHENEY
	125	COULEE DAM
	127	DECLO
	128	DRAIN
	131	EATONVILLE
	133	ELLENSBURG
	137	EUGENE
	140	FIRCREST
	142	FOREST GROVE
	150	HEYBURN
	152	IDAHO FALLS
	154	MCCLEARY
	155	MCMINNVILLE
	158	MILTON
	159	MILTON-FREEWATER
	161	MINIDOKA
	163	MONMOUTH
	170	PORT ANGELES
	175	RICHLAND

177	RUPERT
180	SEATTLE
181	SODA SPRINGS
184	SPRINGFIELD
185	STEILACOOM
186	SUMAS
188	TACOMA
191	VERA IRRIG DIST
192	CONSOL ID #19
195	WPPSS
203	BENTON CO. PUD#1
207	CENT LINCOLN PUD
210	CHELAN CO. PUD#1
213	CLALLAM CO PUD#1
216	CLARK CO. PUD #1
219	CLATSKANIE PUD
221	COLUMBIA RIV PUD
222	COWLITZ CO. PUD
226	DOUGLAS CO. PUD
229	EMERALD PUD
230	FERRY CO. PUD #1
233	FRANKLIN CO PUD1
238	GRANT CO. PUD #2
241	GRAYS HARBOR PUD
246	KITTITAS CO PUD
250	Klickitat CO PUD
253	LEWIS CO. PUD #1
257	MASON CO. PUD #1
258	MASON CO. PUD #3
262	N. WASCO PUD
266	OKANOGAN PUD #1
270	PACIFIC PUD #2
273	PEND OREILLE PUD
279	SKAMANIA PUD #1
283	SNOHOMISH PUD #1
288	TILLAMOOK PUD
293	Wahiakum PUD #1
298	WHATCOM PUD #1
301	ALDER MUTUAL
303	BENTON REA
306	BIG BEND COOP
309	BLACHLY-LN. COOP
312	CENTRAL EL. COOP
315	CLEARWATER POWER
318	COLUMBIA BASIN C
321	COLUMBIA POWER C
324	COLUMBIA REA
327	CONSUMERS POWER
330	COOS-CURRY COOP
331	CRESCENT L&P
333	DOUGLAS COOP
334	ELMHURST MUTUAL
335	EAST END MUTUAL
336	EAST.OREGON COOP
337	FALL RIVER COOP
338	FARMERS ELEC CO
339	FLATHEAD COOP
340	GLACIER COOP
341	HARNEY COOP
342	HOOD RIVER COOP
345	IDAHO CO. L&P CO
348	INLAND P&L CO.
351	KOOTENAI COOP
353	LAKEVIEW L&P CO.
354	LANE CO. COOP
357	LINCOLN COOP-MT.
358	LINCOLN COOP-WA.
359	LOST RIVER COOP
360	LOWER VALLEY P&L
361	MIDSTATE COOP
364	MISSOULA COOP
367	NESPELEM VALLEY
370	NORTHERN LIGHTS
371	PORT OF SEATTLE
372	OHOP MUTUAL
373	OKANOGAN CO COOP
374	PENINSULA LIGHT
375	PARKAND P&L CO.
376	ORCAS P&L CO.
377	PRAIRIE COOP

	378	P. OREILLE COOP
	379	RAFT RIVER COOP
	380	RAVALLI COOP
	381	RIVERSIDE ELEC
	382	RURAL ELECTRIC
	383	SALEM ELECTRIC
	384	SALMON RIVER
	385	SOUTH SIDE ELEC
	386	SURPRISE VALLEY
	387	TANNER ELECTRIC
	388	UMATILLA COOP
	389	UNITY L&P CO.
	390	VIGILANTE COOP
	394	WASCO ELECTRIC
	396	WELLS RURAL ELEC
	397	WEST OREGON ELEC
	399	PAC.NW GEN. CO.
	410	BUREAU OF MINES
	420	DOE RICHLAND
	430	FAIRCHILD AIR
	464	USBR-BURBANK
	466	USBR-CH. JOSEPH
	467	USBR-CROOKED R.
	468	USBR-COLUMBIA BA
	472	USBR-ROZA
	473	USBR-RATHDRUM PR
	474	USBR-SPOKANE VAL
	475	USBR-SOUTHERN ID
	476	USBR-THE DALLES
	477	USBR-TUALATIN
	478	USBR-SPOK INDIAN
	480	USBIA-FLATHEAD
	482	USBIA-WAPATO
	488	U.S. NAVY
	510	CP NAT-LA GRANDE
	511	CP NAT-JOHN DAY
	520	CITIZENS UTILITY
	530	IDAHO POWER CO.
	545	MONTANA L&P
	551	MONTANA PWR (W)
	552	MONTANA PWR (E)
	556	NORTHWESTERN IMP
	560	PACIFIC P&L
	564	PAUL ELECTRIC
	575	PORTLAND GENERAL
	580	PUGET SOUND P&L
	585	UTAH P&L
	590	WASH WATER POWER
	602	ALL DSI
	605	ALCOA ALUMINUM
	615	COLUMBIA FA ALUM
	645	INTALCO ALUMINUM
	651	KAISER ALUMINUM
	660	MARTIN-MARIETTA
	666	COMMONWEALTH AL.
	675	REYNOLDS METALS
	705	CARBORUNDUM CO.
	716	PT TOWNSND PAPER
	722	GEORGIA PACIFIC
	725	HANNA NICKEL -OR
	730	KAISER
	743	OR.METALLURGICAL
	745	PACIFIC CARBIDE
	765	PENNWALT
	770	ALCOA (SILICON)
	785	GILMORE STEEL
	801	FLATHEAD IRRIG
	802	CITY OF WEISER
	803	CASHMERE WS&L
	804	CHEWELAH
	805	PARKLAND LIGHT
SC008X	.A	NOT APPLICABLE
	.	MISSING
	1	< 6000 HDD
	2	6000-8000 HDD
	3	> 8000 HDD

SC009X	.A	NOT APPLICABLE
	.	MISSING

	0	NO SENSORS
	1	OUTDOOR TEMP
	2	FULL MET SITE
SC016X	.A	NOT APPLICABLE
	.	MISSING
	1	RESIDENTIAL
	2	COMMERICAL
	3	MULTI-FAMILY
	9	MET SITE
SF002X	.A	NOT APPLICABLE
	.	MISSING
	0	NONE
	1	RES. BASE
	2	RES. RENTER
	3	RES. ATTACHED
	4	RES. MANUF.
	5	RES. GAS/OIL
	11	RES. SPECIAL
	21	RSDP PAIRED
	22	RSDP GROUP
	25	TACOMA MCS
	28	RSDP MULTIFAMILY
	31	EEMHDP UNOCCUP.
	32	EEMHDP OCCUPIED
	41	HOOD RIVER RES.
	61	COM. AUDIT PGM
	62	COM. BASE
	63	PES
	64	DOE CO-INSTRUM.
	71	HOOD RIVER COM.
	81	HODD RIVER SUBST
SF003X	.A	NOT APPLICABLE
	.	MISSING
	0	NONE
	1	RES. BASE
	2	RES. RENTER
	3	RES. ATTACHED
	4	RES. MANUF.
	5	RES. GAS/OIL
	11	RES. SPECIAL
	21	RSDP PAIRED
	22	RSDP GROUP
	25	TACOMA MCS
	28	RSDP MULTIFAMILY
	31	EEMHDP UNOCCUP.
	32	EEMHDP OCCUPIED
	41	HOOD RIVER RES.
	61	COM. AUDIT PGM
	62	COM. BASE
	63	PES
	64	DOE CO-INSTRUM.
	71	HOOD RIVER COM.
	81	HODD RIVER SUBST
SF004X	.A	NOT APPLICABLE
	.	MISSING
	0	DOESN'T MEET MCS
	1	MEETS MCS
SF012X	.A	NOT APPLICABLE
	.	MISSING
	1	WAREHOUSE
	2	RETAIL
	3	GROCERY
	4	HOTEL/MOTEL
	5	RESTAURANT
	6	SCHOOL
	7	HEALTH
	8	UNIVERSITY
	9	OFFICE
	10	OTHER

SF013X

.A

NOT APPLICABLE

.

MISSING

1

BUILT -1980

2

BUILT 1981+