

UNITED STATES POSTAL SERVICE  
ELECTRIC CARRIER ROUTE VEHICLE PROGRAM  
500 VEHICLE FLEET DEPLOYMENT REPORT

APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Costa Mesa Main PO**

Utility: SCE

Vehicles: 20

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/ Vehicle
22-Mar-03	29	5075	204	\$818	\$0.16	10.2
21-Feb-03	30	5041	196	\$810	\$0.16	9.8
22-Jan-03	33	5701	202	\$898	\$0.16	10.1
20-Dec-02	30	5506	214	\$868	\$0.16	10.7
20-Nov-02	30	5319	207	\$840	\$0.16	10.3
21-Oct-02	32	5234	191	\$1,455	\$0.28	9.5
19-Sep-02	31	5388	203	\$2,017	\$0.37	10.1
19-Aug-02	31	5216	196	\$1,818	\$0.35	9.8
19-Jul-02	29	4731	190	\$1,846	\$0.39	9.5
20-Jun-02	31	5180	195	\$1,461	\$0.28	9.7
20-May-02	31	5089	192	\$827	\$0.16	9.6
19-Apr-02	28	5016	209	\$863	\$0.17	10.5
22-Mar-02	29	5167	208	\$1,223	\$0.24	10.4
21-Feb-02	30	5707	222	\$1,286	\$0.23	11.1
22-Jan-02	33	5919	209	\$1,007	\$0.17	10.5
20-Dec-01	31	6172	232	\$969	\$0.16	11.6
19-Nov-01	31	5076	191	\$616	\$0.12	9.6
19-Oct-01	31	5190	195	\$1,187	\$0.23	9.8
18-Sep-01	29	4964	200	\$1,398	\$0.28	10.0
20-Aug-01	32	4636	169	\$1,316	\$0.28	8.5
19-Jul-01	29	368	15	\$115	\$0.31	0.7
<b>Totals</b>	<b>640</b>	<b>105695</b>	<b>193</b>	<b>\$23,638</b>	<b>\$0.22</b>	<b>9.6</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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ECRV ELECTRICITY USE AND COST

**Covina Main PO**

Utility: SCE

Vehicles: 20

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/ Vehicle
05-Mar-03	29	6033	243	\$721	\$0.12	12.1
04-Feb-03	32	6103	223	\$737	\$0.12	11.1
03-Jan-03	30	6573	256	\$784	\$0.12	12.8
04-Dec-02	33	6542	231	\$778	\$0.12	11.6
01-Nov-02	31	5910	222	\$726	\$0.12	11.1
01-Oct-02	32	6526	238	\$883	\$0.14	11.9
30-Aug-02	29	6200	249	\$775	\$0.13	12.5
01-Aug-02	29	5965	240	\$896	\$0.15	12.0
03-Jul-02	30	6210	242	\$902	\$0.15	12.1
03-Jun-02	32	6428	234	\$764	\$0.12	11.7
02-May-02	28	5898	246	\$713	\$0.12	12.3
04-Apr-02	30	6688	260	\$807	\$0.12	13.0
05-Mar-02	32	6480	236	\$1,326	\$0.20	11.8
01-Feb-02	29	1080	43	\$354	\$0.33	2.2
03-Jan-02	33	640	23	\$166	\$0.26	1.1
<b>Totals</b>	<b>459</b>	<b>83276</b>	<b>212</b>	<b>\$11,332</b>	<b>\$0.14</b>	<b>10.6</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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**El Monte Main PO**

Utility: SCE

Vehicles: 30

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
26-Mar-03	29	9888	398	\$1,735	\$0.18	13.3
25-Feb-03	32	10857	396	\$1,846	\$0.17	13.2
24-Jan-03	29	9749	392	\$1,737	\$0.18	13.1
26-Dec-02	33	11456	405	\$1,894	\$0.17	13.5
23-Nov-02	31	10876	409	\$1,856	\$0.17	13.6
23-Oct-02	29	10041	404	\$1,830	\$0.18	13.5
24-Sep-02	32	11567	422	\$2,105	\$0.18	14.1
23-Aug-02	30	11045	430	\$1,989	\$0.18	14.3
24-Jul-02	29	10350	416	\$2,019	\$0.20	13.9
25-Jun-02	32	11400	416	\$1,995	\$0.18	13.9
24-May-02	30	10869	423	\$1,813	\$0.17	14.1
24-Apr-02	28	9631	401	\$1,712	\$0.18	13.4
27-Mar-02	29	10686	430	\$1,822	\$0.17	14.3
26-Feb-02	32	12077	440	\$2,005	\$0.17	14.7
25-Jan-02	30	11278	439	\$1,893	\$0.17	14.6
26-Dec-01	28	11161	465	\$1,884	\$0.17	15.5
28-Nov-01	43	8640	234	\$1,288	\$0.15	7.8
<b>Totals</b>	<b>526</b>	<b>181571</b>	<b>403</b>	<b>\$31,423</b>	<b>\$0.17</b>	<b>13.4</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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ECRV ELECTRICITY USE AND COST

**Fountain Valley PO**

Utility: SCE

Vehicles: 28

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/ Vehicle
06-Mar-03	30	8494	330	\$1,399	\$0.16	11.8
04-Feb-03	29	7803	314	\$1,308	\$0.17	11.2
06-Jan-03	33	9607	340	\$1,498	\$0.16	12.1
04-Dec-02	33	9513	336	\$1,409	\$0.15	12.0
01-Nov-02	31	8724	328	\$1,357	\$0.16	11.7
01-Oct-02	28	7778	324	\$1,420	\$0.18	11.6
03-Sep-02	32	8616	314	\$1,575	\$0.18	11.2
02-Aug-02	30	7948	309	\$1,376	\$0.17	11.0
03-Jul-02	29	7812	314	\$1,587	\$0.20	11.2
04-Jun-02	33	9155	324	\$1,438	\$0.16	11.6
02-May-02	28	7917	330	\$1,338	\$0.17	11.8
04-Apr-02	29	8404	338	\$1,499	\$0.18	12.1
06-Mar-02	30	8722	339	\$1,506	\$0.17	12.1
04-Feb-02	31	9440	355	\$1,660	\$0.18	12.7
04-Jan-02	31	10041	378	\$1,728	\$0.17	13.5
04-Dec-01	33	9783	346	\$1,669	\$0.17	12.4
01-Nov-01	30	8741	340	\$1,658	\$0.19	12.1
02-Oct-01	32	9138	333	\$1,921	\$0.21	11.9
31-Aug-01	29	8688	350	\$1,923	\$0.22	12.5
02-Aug-01	30	9059	352	\$2,008	\$0.22	12.6
03-Jul-01	29	9107	366	\$2,036	\$0.22	13.1
04-Jun-01	32	9344	341	\$1,309	\$0.14	12.2
03-May-01	29	8404	338	\$1,253	\$0.15	12.1
04-Apr-01	29	7597	306	\$1,211	\$0.16	10.9
06-Mar-01	33	5786	205	\$920	\$0.16	7.3
01-Feb-01	28	1012	42	\$207	\$0.20	1.5
04-Jan-01	31	1101	41	\$176	\$0.16	1.5
04-Dec-00	33	1489	53	\$225	\$0.15	1.9
01-Nov-00	30	1642	64	\$227	\$0.14	2.3
02-Oct-00	33	1934	68	\$338	\$0.17	2.4
30-Aug-00	29	1429	57	\$387	\$0.27	2.1
01-Aug-00	18	1010	65	\$142	\$0.14	2.3
<b>Totals</b>	<b>965</b>	<b>225238</b>	<b>272</b>	<b>\$39,708</b>	<b>\$0.18</b>	<b>9.7</b>

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**Glendora Main PO**

Utility: SCE

Vehicles: 20

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
07-Mar-03	30	5931	231	\$1,202	\$0.20	11.5
05-Feb-03	29	5687	229	\$1,188	\$0.21	11.4
07-Jan-03	32	6601	241	\$1,157	\$0.18	12.0
06-Dec-02	32	6413	234	\$1,293	\$0.20	11.7
04-Nov-02	32	6633	242	\$1,432	\$0.22	12.1
03-Oct-02	28	5922	247	\$2,209	\$0.37	12.3
05-Sep-02	31	6452	243	\$2,291	\$0.36	12.1
05-Aug-02	28	6284	262	\$2,307	\$0.37	13.1
08-Jul-02	33	6964	246	\$2,625	\$0.38	12.3
05-Jun-02	30	6338	246	\$1,457	\$0.23	12.3
06-May-02	28	5868	245	\$1,283	\$0.22	12.2
08-Apr-02	32	6727	245	\$1,420	\$0.21	12.3
07-Mar-02	30	6290	245	\$1,364	\$0.22	12.2
05-Feb-02	28	5047	210	\$1,198	\$0.24	10.5
08-Jan-02	33	0		\$17		
06-Dec-01	41	40	1	\$36	\$0.90	0.1
<b>Totals</b>	<b>497</b>	<b>87197</b>	<b>205</b>	<b>\$22,479</b>	<b>\$0.26</b>	<b>10.2</b>

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ECRV ELECTRICITY USE AND COST

**Ida Jean Haxton Station PO**

Utility: SCE

Vehicles: 25

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
10-Mar-03	31	6738	254	\$1,044	\$0.15	10.1
07-Feb-03	29	6462	260	\$903	\$0.14	10.4
09-Jan-03	31	7523	283	\$1,104	\$0.15	11.3
09-Dec-02	33	7133	252	\$942	\$0.13	10.1
06-Nov-02	30	6299	245	\$895	\$0.14	9.8
07-Oct-02	31	6154	232	\$955	\$0.16	9.3
06-Sep-02	30	5751	224	\$907	\$0.16	8.9
07-Aug-02	29	5430	218	\$910	\$0.17	8.7
09-Jul-02	33	5724	202	\$914	\$0.16	8.1
06-Jun-02	30	5835	227	\$839	\$0.14	9.1
07-May-02	28	5685	237	\$952	\$0.17	9.5
09-Apr-02	31	6655	250	\$1,059	\$0.16	10.0
09-Mar-02	30	6633	258	\$1,061	\$0.16	10.3
07-Feb-02	30	7248	282	\$1,174	\$0.16	11.3
08-Jan-02	32	8063	294	\$1,254	\$0.16	11.8
07-Dec-01	32	6993	255	\$1,115	\$0.16	10.2
05-Nov-01	32	5754	210	\$677	\$0.12	8.4
04-Oct-01	28	4810	200	\$649	\$0.13	8.0
06-Sep-01	31	3743	141	\$1,453	\$0.39	5.6
06-Aug-01	28	3784	158	\$627	\$0.17	6.3
09-Jul-01	32	3679	134	\$1,164	\$0.32	5.4
07-Jun-01	30	1016	40	\$280	\$0.28	1.6
08-May-01	32	0	0	\$163		
<b>Totals</b>	<b>703</b>	<b>127112</b>	<b>211</b>	<b>\$21,041</b>	<b>\$0.17</b>	<b>8.4</b>

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ECRV ELECTRICITY USE AND COST

**Irvine Harvest Station PO**

Utility: SCE

Vehicles: 24

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
24-Mar-03	32	8341	304	\$1,156	\$0.14	12.7
20-Feb-03	29	7363	296	\$1,074	\$0.15	12.3
22-Jan-03	33	8763	310	\$1,224	\$0.14	12.9
20-Dec-02	30	8275	322	\$1,038	\$0.13	13.4
20-Nov-02	33	9142	323	\$1,164	\$0.13	13.5
18-Oct-02	29	8125	327	\$1,160	\$0.14	13.6
19-Sep-02	31	8584	323	\$1,374	\$0.16	13.5
19-Aug-02	31	9033	340	\$1,231	\$0.14	14.2
19-Jul-02	30	8282	322	\$1,209	\$0.15	13.4
19-Jun-02	29	7624	307	\$1,081	\$0.14	12.8
21-May-02	29	7587	305	\$995	\$0.13	12.7
22-Apr-02	31	8455	318	\$1,208	\$0.14	13.3
22-Mar-02	29	8272	333	\$1,239	\$0.15	13.9
21-Feb-02	30	8756	341	\$1,236	\$0.14	14.2
22-Jan-02	33	9124	323	\$1,302	\$0.14	13.4
20-Dec-01	31	9027	340	\$1,302	\$0.14	14.2
19-Nov-01	31	8292	312	\$980	\$0.12	13.0
19-Oct-01	30	8126	316	\$1,022	\$0.13	13.2
19-Sep-01	30	8045	313	\$1,620	\$0.20	13.0
20-Aug-01	31	8643	325	\$1,669	\$0.19	13.6
20-Jul-01	30	5583	217	\$1,820	\$0.33	9.0
20-Jun-01	69	240	4	\$335	\$1.40	0.2
12-Apr-01	27	0	0	\$71		
<b>Totals</b>	<b>738</b>	<b>173682</b>	<b>275</b>	<b>\$26,510</b>	<b>\$0.15</b>	<b>11.4</b>

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ECRV ELECTRICITY USE AND COST

**La Mirada PO**

Utility: SCE

Vehicles: 15

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
18-Mar-03	32	3711	135	\$477	\$0.13	9.0
14-Feb-03	30	3534	137	\$451	\$0.13	9.2
15-Jan-03	30	3841	149	\$496	\$0.13	10.0
16-Dec-02	33	4250	150	\$527	\$0.12	10.0
13-Nov-02	29	3567	144	\$452	\$0.13	9.6
15-Oct-02	33	4313	152	\$680	\$0.16	10.2
12-Sep-02	30	3624	141	\$688	\$0.19	9.4
13-Aug-02	28	3788	158	\$1,173	\$0.31	10.5
16-Jul-02	32	3619	132	\$749	\$0.21	8.8
14-Jun-02	30	3708	144	\$615	\$0.17	9.6
15-May-02	29	4159	167	\$577	\$0.14	11.2
16-Apr-02	29	3539	142	\$535	\$0.15	9.5
18-Mar-02	33	4173	148	\$630	\$0.15	9.8
13-Feb-02	28	3822	159	\$571	\$0.15	10.6
16-Jan-02	33	4859	172	\$698	\$0.14	11.5
14-Dec-01	28	3946	164	\$587	\$0.15	11.0
16-Nov-01	32	3989	145	\$576	\$0.14	9.7
15-Oct-01	31	3812	143	\$1,217	\$0.32	9.6
14-Sep-01	31	948	36	\$1,084	\$1.14	2.4
<b>Totals</b>	<b>581</b>	<b>71202</b>	<b>143</b>	<b>\$12,783</b>	<b>\$0.18</b>	<b>9.5</b>

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ECRV ELECTRICITY USE AND COST

**Norwalk PO**

Utility: SCE

Vehicles: 26

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
13-Mar-03	31	6176	232	\$924	\$0.15	8.9
10-Feb-03	28	5180	216	\$803	\$0.16	8.3
13-Jan-03	33	6527	231	\$960	\$0.15	8.9
11-Dec-02	33	5987	212	\$894	\$0.15	8.1
08-Nov-02	30	5579	217	\$852	\$0.15	8.3
09-Oct-02	29	5266	212	\$1,205	\$0.23	8.1
10-Sep-02	33	5842	207	\$1,320	\$0.23	7.9
08-Aug-02	29	5359	216	\$1,409	\$0.26	8.3
10-Jul-02	29	5291	213	\$1,346	\$0.25	8.2
11-Jun-02	32	5873	214	\$966	\$0.16	8.2
10-May-02	30	6017	234	\$947	\$0.16	9.0
10-Apr-02	28	5948	248	\$953	\$0.16	9.5
13-Mar-02	33	6704	237	\$1,015	\$0.15	9.1
08-Feb-02	28	6274	261	\$1,112	\$0.18	10.1
11-Jan-02	30	6778	264	\$1,200	\$0.18	10.1
12-Dec-01	33	6757	239	\$1,135	\$0.17	9.2
09-Nov-01	31	5187	195	\$826	\$0.16	7.5
09-Oct-01	29	120	5	\$199	\$1.66	0.2
<b>Totals</b>	<b>549</b>	<b>100865</b>	<b>214</b>	<b>\$18,066</b>	<b>\$0.18</b>	<b>8.2</b>

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ECRV ELECTRICITY USE AND COST

Rico Rivera PO

Utility: SCE

Vehicles: 16

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
04-Mar-03	32	4102	150	\$530	\$0.13	9.3
31-Jan-03	29	3396	137	\$470	\$0.14	8.5
02-Jan-03	30	3725	145	\$508	\$0.14	9.1
03-Dec-02	33	3776	133	\$504	\$0.13	8.3
31-Oct-02	31	3373	127	\$424	\$0.13	7.9
30-Sep-02	32	3587	131	\$514	\$0.14	8.2
29-Aug-02	28	3329	139	\$498	\$0.15	8.7
01-Aug-02	30	3862	150	\$566	\$0.15	9.4
02-Jul-02	29	3949	159	\$576	\$0.15	9.9
03-Jun-02	33	4327	153	\$558	\$0.13	9.6
01-May-02	29	4123	166	\$548	\$0.13	10.4
02-Apr-02	29	4311	173	\$511	\$0.12	10.8
04-Mar-02	31	4198	158	\$500	\$0.12	9.9
01-Feb-02	29	4303	173	\$569	\$0.13	10.8
03-Jan-02	31	4080	154	\$550	\$0.13	9.6
03-Dec-01	33	4400	156	\$553	\$0.13	9.7
31-Oct-01	30	3920	152	\$471	\$0.12	9.5
01-Oct-01	32	1380	50	\$791	\$0.57	3.1
30-Aug-01	17	0	0	\$46		0.0
<b>Totals</b>	<b>568</b>	<b>68141</b>	<b>140</b>	<b>\$9,687</b>	<b>\$0.14</b>	<b>8.7</b>

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**San Gabriel Main PO**

Utility: SCE

Vehicles: 20

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
07-Mar-03	30	5236	204	\$773	\$0.15	10.2
05-Feb-03	30	4900	191	\$765	\$0.16	9.5
06-Jan-03	32	5847	213	\$792	\$0.14	10.7
05-Dec-02	31	5174	195	\$723	\$0.14	9.7
04-Nov-02	12	2008	195	\$410	\$0.20	9.8
23-Oct-02	21	3200	178	\$819	\$0.26	8.9
02-Oct-02	28	4440	185	\$1,669	\$0.38	9.3
04-Sep-02	30	4840	188	\$1,717	\$0.35	9.4
05-Aug-02	31	5040	190	\$1,740	\$0.35	9.5
05-Jul-02	31	4920	185	\$1,726	\$0.35	9.3
04-Jun-02	29	4640	187	\$1,168	\$0.25	9.3
06-May-02	32	5440	198	\$1,229	\$0.23	9.9
04-Apr-02	154	22880	173	\$5,648	\$0.25	8.7
<b>Totals</b>	<b>491</b>	<b>78565</b>	<b>187</b>	<b>\$19,179</b>	<b>\$0.24</b>	<b>9.3</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Bicentennial Station PO**

Utility: LADWP

Vehicles: 57

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
09-Apr-03	29	10880	438	\$1,341	\$0.12	7.7
03/11/03	29	11440	460	\$1,495	\$0.13	8.1
02/10/03	31	12160	458	\$1,408	\$0.12	8.0
01/10/03	32	13280	484	\$1,596	\$0.12	8.5
09-Dec-02	33	12320	436	\$1,470	\$0.12	7.6
06-Nov-02	30	12320	479	\$1,478	\$0.12	8.4
10/07/02	31	11120	418	\$1,717	\$0.15	7.3
09/06/02	30	10560	411	\$1,899	\$0.18	7.2
08/07/02	29	8480	341	\$1,043	\$0.12	6.0
07/09/02	32	8880	324	\$1,008	\$0.11	5.7
06/07/02	30	5280	205	\$848	\$0.16	3.6
08-May-02	29	3360	135	\$430	\$0.13	2.4
09-Apr-02		2480		\$385		
<b>Totals</b>	<b>365</b>	<b>122560</b>	<b>392</b>	<b>\$16,119</b>	<b>\$0.13</b>	<b>6.9</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Dockweiler Station PO**

Utility: LADWP

Vehicles: 39

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
03/31/03	28	9360	390	\$1,511	\$0.16	10.0
03/03/03	31	8800	331	\$1,494	\$0.17	8.5
01/31/03	31	9120	343	\$1,656	\$0.18	8.8
12/31/02	34	10720	368	\$1,748	\$0.16	9.4
11/27/02	30	8960	348	\$1,595	\$0.18	8.9
10/28/02	32	9120	333	\$1,661	\$0.18	8.5
09/26/02	30	9360	364	\$1,521	\$0.16	9.3
08/27/02	29	7920	319	\$1,572	\$0.20	8.2
07/29/02	32	10000	365	\$1,576	\$0.16	9.3
06/27/02	29	8400	338	\$1,418	\$0.17	8.7
05/29/02	504	122160	283	\$16,663	\$0.14	7.3
01/10/01						
<b>Totals</b>	<b>810</b>	<b>213920</b>	<b>308</b>	<b>\$32,417</b>	<b>\$0.15</b>	<b>7.9</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Harbor City PO**

Utility: LADWP

Vehicles: 5

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/ Vehicle
04/08/03	29	2400	97	\$1,226	\$0.51	19.3
03/10/03	30	2640	103	\$508	\$0.19	20.5
02/08/03	30	2320	90	\$485	\$0.21	18.0
01/09/03	33	2160	76	\$476	\$0.22	15.3
12/07/02	33	4040	143	\$546	\$0.14	28.6
11/04/02	31	4040	152	\$546	\$0.14	30.4
10/04/02	29	6560	264	\$752	\$0.11	52.8
09/05/02	30	5440	212	\$604	\$0.11	42.3
08/06/02	29	6080	245	\$672	\$0.11	48.9
07/08/02	32	6160	225	\$685	\$0.11	44.9
06/06/02	32	5520	201	\$631	\$0.11	40.3
05/07/02	30	5360	208	\$651	\$0.12	41.7
04/08/02	31	4560	172	\$549	\$0.12	34.3
03/08/02	29	6080	245	\$635	\$0.10	48.9
02/07/02	62	17520	330	\$2,111	\$0.12	65.9
12/07/01	64	5840	106	\$814	\$0.14	21.3
10/04/01	29	6400	257	\$765	\$0.12	51.5
09/05/01	30	4800	187	\$616	\$0.13	37.3
08/06/01	31	4640	175	\$558	\$0.12	34.9
07/06/01	60	4800	93	\$634	\$0.13	18.7
05/07/01	31	4720	178	\$615	\$0.13	35.5
04/06/01	29	4160	167	\$572	\$0.14	33.5
03/08/01	29	4000	161	\$576	\$0.14	32.2
02/07/01	29	4080	164	\$598	\$0.15	32.8
01/09/01		4640		\$613		
<b>Totals</b>	<b>822</b>	<b>128960</b>	<b>183</b>	<b>\$17,438</b>	<b>\$0.14</b>	<b>36.6</b>
<b>Total (last 4)</b>	<b>122</b>	<b>9520</b>	<b>91</b>	<b>\$2,695</b>	<b>\$0.28</b>	<b>18.2</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Los Feliz Station PO**

Utility: LADWP

Vehicles: 32

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/ Vehicle
04/01/03	28	6560	273	\$862	\$0.13	8.5
03/04/03	29	7120	286	\$883	\$0.12	9.0
02/03/03	32	7280	265	\$872	\$0.12	8.3
01/02/03	31	8640	325	\$909	\$0.11	10.2
12/02/02	96	21120	257	\$2,649	\$0.13	8.0
08/28/02	29	7120	286	\$981	\$0.14	9.0
07/30/02	32	7360	268	\$865	\$0.12	8.4
06/28/02	29	6400	257	\$894	\$0.14	8.0
05/30/02	293	54880	219	\$3,567	\$0.06	6.8
08/10/01		0				
<b>Totals</b>	<b>599</b>	<b>126480</b>	<b>246</b>	<b>\$12,482</b>	<b>\$0.10</b>	<b>7.7</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Bostonia Station PO**

Utility: SDG&E

Vehicles: 20

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
02-Apr-03	28	5440	227	\$1,149	\$0.21	11.3
05-Mar-03	30	6480	252	\$1,311	\$0.20	12.6
03-Feb-03	31	6360	239	\$1,254	\$0.20	12.0
03-Jan-03	31	6320	238	\$1,239	\$0.20	11.9
03-Dec-02	32	6360	232	\$1,311	\$0.21	11.6
01-Nov-02	30	5560	216	\$1,085	\$0.20	10.8
02-Oct-02	29	6040	243	\$1,191	\$0.20	12.1
03-Sep-02	32	6880	251	\$1,295	\$0.19	12.5
02-Aug-02	31	6280	236	\$1,207	\$0.19	11.8
02-Jul-02	29	5640	227	\$1,105	\$0.20	11.3
03-Jun-02	32	5680	207	\$1,084	\$0.19	10.4
02-May-02	29	5640	227	\$1,095	\$0.19	11.3
03-Apr-02	29	6000	241	\$1,150	\$0.19	12.1
05-Mar-02	32	6240	228	\$1,175	\$0.19	11.4
01-Feb-02	29	6600	266	\$1,195	\$0.18	13.3
03-Jan-02	31	6840	257	\$1,187	\$0.17	12.9
03-Dec-01	33	6480	229	\$1,487	\$0.23	11.5
31-Oct-01	29	5680	229	\$1,082	\$0.19	11.4
02-Oct-01	33	5960	211	\$1,056	\$0.18	10.5
30-Aug-01	29	3480	140	\$931	\$0.27	7.0
<b>Totals</b>	<b>609</b>	<b>119960</b>	<b>230</b>	<b>\$23,587</b>	<b>\$0.20</b>	<b>11.5</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*



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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Linda Vista Station PO**

Utility: SDG&E

Vehicles: 22

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
27-Mar-03	29	4800	193	\$1,207	\$0.25	8.8
26-Feb-03	30	4960	193	\$1,160	\$0.23	8.8
27-Jan-03	32	5040	184	\$1,175	\$0.23	8.4
26-Dec-02	31	5040	190	\$1,087	\$0.22	8.6
25-Nov-02	31	5040	190	\$1,089	\$0.22	8.6
25-Oct-02	30	4640	180	\$1,047	\$0.23	8.2
25-Sep-02	30	4560	177	\$1,042	\$0.23	8.1
26-Aug-02	31	4800	181	\$1,059	\$0.22	8.2
26-Jul-02	31	4720	178	\$1,064	\$0.23	8.1
25-Jun-02	32	4880	178	\$1,034	\$0.21	8.1
24-May-02	29	4720	190	\$1,040	\$0.22	8.6
25-Apr-02	29	5120	206	\$1,099	\$0.21	9.4
27-Mar-02	29	5280	212	\$1,096	\$0.21	9.7
26-Feb-02	32	5840	213	\$1,206	\$0.21	9.7
25-Jan-02	30	4960	193	\$1,033	\$0.21	8.8
26-Dec-01	30	5920	230	\$1,159	\$0.20	10.5
26-Nov-01	33	5120	181	\$1,048	\$0.20	8.2
24-Oct-01	29	4400	177	\$943	\$0.21	8.0
25-Sep-01	33	4000	141	\$918	\$0.23	6.4
23-Aug-01	29	240	10	\$239	\$1.00	0.4
<b>Totals</b>	<b>610</b>	<b>94080</b>	<b>180</b>	<b>\$20,746</b>	<b>\$0.22</b>	<b>8.2</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Blossom Hill Station PO**

Utility: PG&E

Vehicles: 20

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/ Vehicle
18-Mar-03	32	6240	228	\$946	\$0.15	11.4
13-Feb-03	25	5920	276	\$894	\$0.15	13.8
14-Jan-03	28	7200	300	\$1,042	\$0.14	15.0
15-Dec-02	31	7040	265	\$1,027	\$0.15	13.2
15-Nov-02						
<b>Totals</b>	<b>116</b>	<b>26400</b>	<b>266</b>	<b>\$3,909</b>	<b>\$0.15</b>	<b>13.3</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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ECRV ELECTRICITY USE AND COST

**Royal Oaks Station PO**

Utility: SMUD

Vehicles: 20

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
04-Mar-03	29	6320	254	\$1,027	\$0.16	12.7
31-Jan-03	32	7600	277	\$1,132	\$0.15	13.9
31-Dec-02	31	7440	280	\$1,120	\$0.15	14.0
27-Nov-02	34	8560	294	\$1,200	\$0.14	14.7
29-Oct-02	29	6080	245	\$1,003	\$0.17	12.2
28-Sep-02	31	6400	241	\$1,090	\$0.17	12.0
29-Aug-02	30	6160	240	\$1,066	\$0.17	12.0
31-Jul-02	29	6240	251	\$1,074	\$0.17	12.6
29-Jun-02	32	6720	245	\$1,123	\$0.17	12.3
01-Jun-02	28	5840	243	\$1,012	\$0.17	12.2
01-May-02	31	6440	242	\$1,070	\$0.17	12.1
07-Feb-02	83	9440	133	\$1,989	\$0.21	6.6
<b>Totals</b>	<b>419</b>	<b>83240</b>	<b>232</b>	<b>\$13,906</b>	<b>\$0.17</b>	<b>11.6</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Alameda Main PO**

Utility: Alameda

Vehicles: 20

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
18-Apr-03	28	4440	185	\$90	\$0.49	9.3
21-Mar-03	30	4800	187	\$130	\$0.70	9.3
19-Feb-03	33	5400	191	\$198	\$1.04	9.5
17-Jan-03	29	5400	217	\$198	\$0.91	10.9
19-Dec-02	30	6120	238	\$284	\$1.19	11.9
18-Nov-02	31	5880	221	\$252	\$1.14	11.1
18-Oct-02	33	5760	204	\$238	\$1.17	10.2
18-Sep-02	33	6360	225	\$306	\$1.36	11.2
16-Aug-02	29	5400	217	\$618	\$2.84	10.9
18-Jul-02	27	4920	213	\$564	\$2.65	10.6
21-Jun-02	32	5880	214	\$667	\$3.11	10.7
20-May-02	31	5880	221	\$672	\$3.04	11.1
19-Apr-02	31	6240	235	\$713	\$3.03	11.7
19-Mar-02	25	4920	230	\$564	\$2.46	11.5
22-Feb-02		960		\$117		
<b>Totals</b>	<b>422</b>	<b>78360</b>	<b>217</b>	<b>\$5,611</b>	<b>\$0.07</b>	<b>10.8</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Lamond Riggs PO**

Utility: ConEdison

Vehicles: 14

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/ Vehicle
NO DATA BY						
MONTH						
<b>Totals</b>	<b>246</b>	<b>44320</b>	<b>210</b>	<b>\$4,297</b>	<b>\$0.10</b>	<b>15.0</b>

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**White Plains PO**

Utility: PEPCO

Vehicles: 7

Read Date	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	kWh/day/Vehicle
NO DATA AVAILABLE						

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**All Sites**

Post Office	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	Number of Vehicles	kWh/day/ Vehicle
Alameda Main PO	422	78360	217	\$5,611	\$0.15	20	10.8
Bicentennial Station PO	365	122560	392	\$16,119	\$0.13	57	6.9
Blossom Hill Station PO	116	26400	266	\$3,909	\$0.15	20	13.3
Bostonia Station PO	609	119960	230	\$23,587	\$0.20	20	11.5
CostaMesa Main PO	640	105695	193	\$23,638	\$0.22	20	9.6
Covina Main PO	459	83276	212	\$11,332	\$0.14	20	10.6
Dockweiler Station PO	810	213920	308	\$32,417	\$0.15	39	7.9
El Monte Main PO	526	181571	403	\$31,423	\$0.17	30	13.4
FountainValley PO	965	225238	272	\$39,708	\$0.18	28	9.7
Glendora Main PO	497	87197	205	\$22,479	\$0.26	20	10.2
Harbor City PO	122	9520	91	\$2,695	\$0.28	5	18.2
Ida Jean Haxton PO	703	127112	211	\$21,041	\$0.17	25	8.4
Irvine Harvest Station PO	738	173682	275	\$26,510	\$0.15	24	11.4
La Mirada PO	581	71202	143	\$12,783	\$0.18	15	9.5
Lamond Riggs PO	246	44320	210	\$4,297	\$0.10	14	15.0
Linda Vista Station PO	610	94080	180	\$20,746	\$0.22	22	8.2
Los Feliz Station PO	599	126480	246	\$12,482	\$0.10	32	7.7
Norwalk PO	549	100865	214	\$18,066	\$0.18	26	8.2
Rico Rivera PO	568	68141	140	\$9,687	\$0.14	16	8.7
RoyalOaks Station PO	419	83240	232	\$13,906	\$0.17	20	11.6
SanGabriel Main PO	491	78565	187	\$19,179	\$0.24	20	9.3
<b>All Sites - Total</b>		<b>2221384</b>	<b>4825</b>	<b>\$371,615</b>	<b>\$0.17</b>	<b>493</b>	<b>9.8</b>

(excluding White Plains Post Office)

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*

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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

**Total Electricity Use by Month**

Month	Days	Total kWh	Daily Avg kWh	Bill \$ Amount	Average Cost (\$/kWh)	Vehicles Deployed	kWh/day /Vehicle
Jan-01	31	12278	462	\$1,785	\$0.15	28	
Feb-01	28	16972	707	\$2,476	\$0.15	28	
Mar-01	31	18943	713	\$2,763	\$0.15	28	
Apr-01	30	20310	790	\$3,011	\$0.15	68	
May-01	31	22346	841	\$3,274	\$0.15	93	9.0
Jun-01	30	20212	786	\$4,515	\$0.22	137	5.7
Jul-01	31	30620	1152	\$6,108	\$0.20	194	5.9
Aug-01	31	47514	1788	\$9,569	\$0.20	231	7.7
Sep-01	30	59049	2296	\$11,777	\$0.20	273	8.4
Oct-01	31	69934	2632	\$11,190	\$0.16	303	8.7
Nov-01	30	84694	3294	\$12,610	\$0.15	323	10.2
Dec-01	31	91792	3455	\$14,110	\$0.15	343	10.1
Jan-02	31	96216	3621	\$15,419	\$0.16	383	9.5
Feb-02	28	111873	4661	\$22,474	\$0.17	460	10.1
Mar-02	31	117086	4406	\$19,650	\$0.16	465	9.5
Apr-02	30	119755	4657	\$17,660	\$0.16	480	9.7
May-02	31	128633	4841	\$25,121	\$0.21	480	10.1
Jun-02	30	121862	4739	\$22,644	\$0.19	480	9.9
Jul-02	31	120990	4553	\$23,239	\$0.19	480	9.5
Aug-02	31	124872	4699	\$23,930	\$0.19	480	9.8
Sep-02	30	124436	4839	\$22,624	\$0.18	480	10.1
Oct-02	31	120919	4551	\$19,177	\$0.16	500	9.1
Nov-02	30	133482	5191	\$19,260	\$0.14	500	10.4
Dec-02	31	140570	5290	\$20,492	\$0.15	500	10.6
Jan-03	31	129905	4889	\$19,761	\$0.15	500	9.8
Feb-03	31	127425	4796	\$19,656	\$0.15	500	9.6

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*



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APPENDIX B - ANALYSIS OF ENERGY EFFICIENCY

ECRV ELECTRICITY USE AND COST

Notes for Appendix B.2 - ECRV Electricity Use and Cost

1. Daily average energy use (kWh/day) is the Total kWh divided by the billing days, adjusted by a factor of 7/6 to account for the 6-day work week.
2. In the final table of total electricity use by month the totals included only to derive an average electricity use per day calculation. Given that the meter reading takes place at different days, this was considered to be the best way to derive the trend of the average daily electricity use per vehicle.

*Note: Electricity data obtained from electrical utility. Column 7 data was calculated from previous columns' data.*