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ANL/ES/RP--96387-Vol. 2

**Total Energy Cycle Assessment
Of Electric and Conventional Vehicles:
An Energy and Environmental Analysis**

Volume III:
Appendix E to Technical Report
Comprehensive EVTECA Results Tables

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for
U.S. Department of Energy
Office of Energy Efficiency
and Renewable Energy

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APPENDIX E

Comprehensive EVTECA Results Tables

Appendix E presents results of TEMIS model runs for the scenarios created for the year 2010 for both Houston and Washington, D.C. For each of these two metropolitan areas, the following eight scenarios were run:

- Conventional vehicles (CV) -- Annual
- Conventional vehicles (CV) -- Summer
- Electric vehicles, unconstrained charging, with combined cycle units supplying additional capacity (EVUCC) -- Annual
- Electric vehicles, unconstrained charging, with combined cycle units supplying additional capacity (EVUCC) -- Summer
- Electric vehicles, unconstrained charging, with combustion turbine units supplying additional capacity (EVUCT) -- Annual
- Electric vehicles, unconstrained charging, with combustion turbine units supplying additional capacity (EVUCT) -- Summer
- Electric vehicles, off-peak charging, with combined cycle units supplying additional capacity (EVOCC) -- Summer (only)
- Electric vehicles, off-peak charging, with combustion turbine units supplying additional capacity (EVOCT) -- Summer (only)

All of these scenarios are for the High-EV-Penetration case. See Chapters 2 and 3 in the main body of the text for an explanation of the scenarios.

There is one table for each of the following eight types of emissions to the atmosphere:

- carbon dioxide (CO₂)
- methane (CH₄)
- total suspended particulates (TSP)
- sulfur oxides (SO_x)
- nitrogen oxides (NO_x)
- non-methane volatile organic compounds (VOCs)
- carbon monoxide (CO)

- lead (Pb)

Within the table, the designation for the emission type found at the upper left, second line from the top (after the word "Resource.")

Each table shows projected emissions for the year 2010 within the airshed of the metropolitan area (in-basin), as well as the out-of-basin portion of the emissions totals. The processes included in the conventional and electric vehicle energy cycles of this study are discussed in Chapter 3 of the main body of the report (Volume 1).

The rest of this appendix consists of the 128 summary tables. The eight tables (one for each emission type) for each scenario can be found following the title page for each scenario. (Including those for Houston and Washington, D.C., there are sixteen scenarios and hence 128 tables total.)

Houston: Conventional Vehicles (CV) - Annual

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO2

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH

Units: tn

11/14/96

6:07:28 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		55,096.64	55,096.64
Coal Extract/Proc/Trans		2,378.34	2,378.34
Gas Extract/Proc/Trans		13,264.83	13,264.83
Oil Extract/Proc/Trans		2,630.62	2,630.62
Power Production		36,822.85	36,822.85
Fuel Extract/Proc/Trans--Total		19,345.63	19,345.63
Oil Extract/Proc/Trans		19,345.63	19,345.63
RFG Production--Total	113,305.59		113,305.59
Gasoline Blendstock Production	96,834.10		96,834.10
Oxygenate Production	13,982.69		13,982.69
RFG Distribution	2,488.79		2,488.79
Vehicle Manufacture--Total		88,300.25	88,300.25
CV Manufacture		88,300.25	88,300.25
Vehicle Operations--Total	954,760.40		954,760.40
CV Emissions	954,760.40		954,760.40
GRAND TOTAL	1,068,065.99	162,742.53	1,230,808.52

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH

Units: tn

11/1/96
6:18:15 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		1,036.59	1,036.59
Coal Extract/Proc/Trans		93.66	93.66
Gas Extract/Proc/Trans		922.72	922.72
Oil Extract/Proc/Trans		19.44	19.44
Power Production		0.77	0.77
Fuel Extract/Proc/Trans--Total		858.49	858.49
Oil Extract/Proc/Trans		858.49	858.49
RFG Production--Total	7.02		7.02
Oxygenate Production	6.87		6.87
RFG Distribution	0.15		0.15
Vehicle Manufacture--Total		6.51	6.51
CV Manufacture		6.51	6.51
Vehicle Operations--Total	147.69		147.69
CV Emissions	147.69		147.69
GRAND TOTAL	154.71	1,901.59	2,056.30

Resource Summary - Crosstab Report - TEMIS Units

Resource: TSP

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH

Units: tn

11/14/9

6:24:51 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		12.64	12.64
Coal Extract/Proc/Trans		2.54	2.54
Gas Extract/Proc/Trans		0.93	0.93
Oil Extract/Proc/Trans		0.28	0.28
Power Production		8.89	8.89
Fuel Extract/Proc/Trans--Total		4.89	4.89
Oil Extract/Proc/Trans		4.89	4.89
RFG Production--Total	7.76		7.76
Gasoline Blendstock Production	7.38		7.38
RFG Distribution	0.38		0.38
Vehicle Manufacture--Total		159.03	159.03
CV Manufacture		159.03	159.03
Vehicle Operations--Total	51.01		51.01
CV Emissions	51.01		51.01
GRAND TOTAL	58.77	176.55	235.32

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH

Units: tn

11/1/96
6:23:41 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		143.33	143.33
Coal Extract/Proc/Trans		5.08	5.08
Gas Extract/Proc/Trans		23.76	23.76
Oil Extract/Proc/Trans		4.01	4.01
Power Production		110.47	110.47
Fuel Extract/Proc/Trans--Total		34.73	34.73
Oil Extract/Proc/Trans		34.73	34.73
RFG Production--Total	148.95		148.95
Gasoline Blendstock Production	142.55		142.55
RFG Distribution	6.40		6.40
Vehicle Manufacture--Total		508.67	508.67
CV Manufacture		508.67	508.67
Vehicle Operations--Total	109.60		109.60
CV Emissions	109.60		109.60
GRAND TOTAL	258.55	686.73	945.28

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH

Units: tn

11/14/96

6:21:42 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		383.26	383.26
Coal Extract/Proc/Trans		27.45	27.45
Gas Extract/Proc/Trans		260.40	260.40
Oil Extract/Proc/Trans		9.20	9.20
Power Production		86.20	86.20
Fuel Extract/Proc/Trans--Total		171.67	171.67
Oil Extract/Proc/Trans		171.67	171.67
RFG Production--Total	325.09		325.09
Gasoline Blendstock Production	234.84		234.84
Oxygenate Production	78.14		78.14
RFG Distribution	12.10		12.10
Vehicle Manufacture--Total		118.07	118.07
CV Manufacture		118.07	118.07
Vehicle Operations--Total	1,833.43		1,833.43
CV Emissions	1,833.43		1,833.43
GRAND TOTAL	2,158.53	673.00	2,831.52

Resource Summary - Crosstab Report - TEMIS Units**Resource:** Non-Methane VOCs**Template:** Master**Scenario:** HC2HBBB2 : H 2010 HIGH**Units:** tn11/1/96
6:20:21 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		62.88	62.88
Coal Extract/Proc/Trans		4.17	4.17
Gas Extract/Proc/Trans		57.09	57.09
Oil Extract/Proc/Trans		1.04	1.04
Power Production		0.59	0.59
Fuel Extract/Proc/Trans--Total		31.92	31.92
Oil Extract/Proc/Trans		31.92	31.92
RFG Production--Total	17.27		17.27
Gasoline Blendstock Production	13.91		13.91
Oxygenate Production	0.27		0.27
RFG Distribution	3.09		3.09
Vehicle Manufacture--Total		11.49	11.49
CV Manufacture		11.49	11.49
Vehicle Operations--Total	2,023.20		2,023.20
CV Emissions	2,023.20		2,023.20
GRAND TOTAL	2,040.47	106.30	2,146.76

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH

Units: tn

11/14/90

6:12:40 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		66.14	66.14
Coal Extract/Proc/Trans		7.63	7.63
Gas Extract/Proc/Trans		51.01	51.01
Oil Extract/Proc/Trans		1.44	1.44
Power Production		6.06	6.06
Fuel Extract/Proc/Trans--Total		36.58	36.58
Oil Extract/Proc/Trans		36.58	36.58
RFG Production--Total	45.38		45.38
Gasoline Blendstock Production	26.98		26.98
Oxygenate Production	2.19		2.19
RFG Distribution	16.21		16.21
Vehicle Manufacture--Total		1,435.48	1,435.48
CV Manufacture		1,435.48	1,435.48
Vehicle Operations--Total	16,242.39		16,242.39
CV Emissions	16,242.39		16,242.39
GRAND TOTAL	16,287.77	1,538.21	17,825.98

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH

Units: tn

11/1/96
6:22:29 PM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.09	0.09
CV Manufacture	0.00	0.09	0.09
GRAND TOTAL	0.00	0.09	0.09

Houston: Conventional Vehicles (CV) - Summer

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO2

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH-SU

Units: tn

5/15/97

4:33:36 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		16,235.89	16,235.89
Coal Extract/Proc/Trans		667.99	667.99
Gas Extract/Proc/Trans		4,070.78	4,070.78
Oil Extract/Proc/Trans		745.87	745.87
Power Production		10,751.25	10,751.25
Fuel Extract/Proc/Trans--Total		6,024.64	6,024.64
Oil Extract/Proc/Trans		6,024.64	6,024.64
RFG Production--Total	35,285.77		35,285.77
Gasoline Blendstock Production	30,156.20		30,156.20
Oxygenate Production	4,354.51		4,354.51
RFG Distribution	775.06		775.06
Vehicle Manufacture--Total		24,175.48	24,175.48
CV Manufacture		24,175.48	24,175.48
Vehicle Operations--Total	300,233.25		300,233.25
CV Emissions	300,233.25		300,233.25
GRAND TOTAL	335,519.03	46,436.01	381,955.03

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH-SU

Units: tn

5/1/97
4:03:09 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		315.21	315.21
Coal Extract/Proc/Trans		26.31	26.31
Gas Extract/Proc/Trans		283.17	283.17
Oil Extract/Proc/Trans		5.51	5.51
Power Production		0.22	0.22
Fuel Extract/Proc/Trans--Total		267.35	267.35
Oil Extract/Proc/Trans		267.35	267.35
RFG Production--Total	2.19		2.19
Oxygenate Production	2.14		2.14
RFG Distribution	0.05		0.05
Vehicle Manufacture--Total		1.78	1.78
CV Manufacture		1.78	1.78
Vehicle Operations--Total	34.39		34.39
CV Emissions	34.39		34.39
GRAND TOTAL	36.58	584.35	620.92

Resource Summary - Crosstab Report - TEMIS Units

Resource: TSP

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH-SU

Units: tn

5/15/9

4:42:29 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		3.67	3.67
Coal Extract/Proc/Trans		0.71	0.71
Gas Extract/Proc/Trans		0.29	0.29
Oil Extract/Proc/Trans		0.08	0.08
Power Production		2.60	2.60
Fuel Extract/Proc/Trans--Total		1.52	1.52
Oil Extract/Proc/Trans		1.52	1.52
RFG Production--Total	2.42		2.42
Gasoline Blendstock Production	2.30		2.30
RFG Distribution	0.12		0.12
Vehicle Manufacture--Total		43.54	43.54
CV Manufacture		43.54	43.54
Vehicle Operations--Total	13.97		13.97
CV Emissions	13.97		13.97
GRAND TOTAL	16.38	48.73	65.12

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH-SU

Units: tn

5/1/97
4:35:07 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		42.11	42.11
Coal Extract/Proc/Trans		1.43	1.43
Gas Extract/Proc/Trans		7.29	7.29
Oil Extract/Proc/Trans		1.14	1.14
Power Production		32.25	32.25
Fuel Extract/Proc/Trans--Total		10.81	10.81
Oil Extract/Proc/Trans		10.81	10.81
RFG Production--Total	46.39		46.39
Gasoline Blendstock Production	44.39		44.39
RFG Distribution	1.99		1.99
Vehicle Manufacture--Total		139.27	139.27
CV Manufacture		139.27	139.27
Vehicle Operations--Total	34.13		34.13
CV Emissions	34.13		34.13
GRAND TOTAL	80.52	192.19	272.71

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH-SU

Units: tn

5/15/9

4:36:39 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		115.40	115.40
Coal Extract/Proc/Trans		7.71	7.71
Gas Extract/Proc/Trans		79.91	79.91
Oil Extract/Proc/Trans		2.61	2.61
Power Production		25.17	25.17
Fuel Extract/Proc/Trans--Total		53.46	53.46
Oil Extract/Proc/Trans		53.46	53.46
RFG Production--Total	101.24		101.24
Gasoline Blendstock Production	73.14		73.14
Oxygenate Production	24.34		24.34
RFG Distribution	3.77		3.77
Vehicle Manufacture--Total		32.33	32.33
CV Manufacture		32.33	32.33
Vehicle Operations--Total	447.98		447.98
CV Emissions	447.98		447.98
GRAND TOTAL	549.22	201.19	750.41

Resource Summary - Crosstab Report - TEMIS Units**Resource:** Non-Methane VOCs**Template:** Master**Scenario:** HC2HBBB2 : H 2010 HIGH-SU**Units:** tn

5/1: 97

4:41:01--N

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		19.16	19.16
Coal Extract/Proc/Trans		1.17	1.17
Gas Extract/Proc/Trans		17.52	17.52
Oil Extract/Proc/Trans		0.29	0.29
Power Production		0.17	0.17
Fuel Extract/Proc/Trans--Total		9.94	9.94
Oil Extract/Proc/Trans		9.94	9.94
RFG Production--Total	5.38		5.38
Gasoline Blendstock Production	4.33		4.33
Oxygenate Production	0.08		0.08
RFG Distribution	0.96		0.96
Vehicle Manufacture--Total		3.15	3.15
CV Manufacture		3.15	3.15
Vehicle Operations--Total	471.12		471.12
CV Emissions	471.12		471.12
GRAND TOTAL	476.50	32.24	508.74

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH-SU

Units: tn

5/15/9

4:32:02 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		19.98	19.98
Coal Extract/Proc/Trans		2.14	2.14
Gas Extract/Proc/Trans		15.66	15.66
Oil Extract/Proc/Trans		0.41	0.41
Power Production		1.77	1.77
Fuel Extract/Proc/Trans--Total		11.39	11.39
Oil Extract/Proc/Trans		11.39	11.39
RFG Production--Total	14.13		14.13
Gasoline Blendstock Production	8.40		8.40
Oxygenate Production	0.68		0.68
RFG Distribution	5.05		5.05
Vehicle Manufacture--Total		393.02	393.02
CV Manufacture		393.02	393.02
Vehicle Operations--Total	3,476.13		3,476.13
CV Emissions	3,476.13		3,476.13
GRAND TOTAL	3,490.26	424.39	3,914.65

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: HC2HBBB2 : H 2010 HIGH-SU

Units: tn

5/1 9
4:37:48 AM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.02	0.02
CV Manufacture	0.00	0.02	0.02
GRAND TOTAL	0.00	0.02	0.02

**Houston: Electric Vehicles, Unconstrained, Combined Cycle
(EVUCC) - Annual**

Resource Summary - Crosstab Report - TEMIS Units

11/13/96

Resource: CO2

1:39:50 PM

Template: Master

1

Scenario: HE2HUCC2 : H 2010 HIGH

Units: tn

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		42,174.26	42,174.26
Coal Extract/Proc/Trans		2,227.62	2,227.62
Gas Extract/Proc/Trans		2,279.53	2,279.53
Oil Extract/Proc/Trans		16,500.05	16,500.05
Power Production		21,167.06	21,167.06
Fuel Extract/Proc/Trans--Total		25,641.22	25,641.22
Coal Extract/Proc/Trans		-6,381.24	-6,381.24
Gas Extract/Proc/Trans		32,022.46	32,022.46
Power Prod/T&D for EVs--Total	199,853.46	-2,940.27	196,913.19
Coal-Fired	-198,117.69	-2,940.27	-201,057.96
Gas-Fired	397,971.15		397,971.15
Vehicle Manufacture--Total		172,848.79	172,848.79
EV Battery Manufacture		94,345.84	94,345.84
EV Shell Manufacture		78,502.95	78,502.95
GRAND TOTAL	199,853.46	237,724.01	437,577.47

Resource Summary - Crosstab Report - TEMIS Units
 Resource: CH4
 Template: Master
 Scenario: HE2HUCC2 : H 2010 HIGH
 Units: tn

11/13 6
 1:27:44 1-1
 1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		368.66	368.66
Coal Extract/Proc/Trans		87.73	87.73
Gas Extract/Proc/Trans		158.57	158.57
Oil Extract/Proc/Trans		121.92	121.92
Power Production		0.44	0.44
Fuel Extract/Proc/Trans--Total		1,976.22	1,976.22
Coal Extract/Proc/Trans		-251.30	-251.30
Gas Extract/Proc/Trans		2,227.52	2,227.52
Power Prod/T&D for EVs--Total	56.06	-0.02	56.03
Coal-Fired	-1.68	-0.02	-1.70
Gas-Fired	57.74		57.74
Vehicle Manufacture--Total		10.95	10.95
EV Battery Manufacture		4.64	4.64
EV Shell Manufacture		6.31	6.31
GRAND TOTAL	56.06	2,355.80	2,411.86

Resource Summary - Crosstab Report - TEMIS Units

Resource: TSP

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH

Units: tn

11/13/90

1:46:35 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		9.39	9.39
Coal Extract/Proc/Trans		2.37	2.37
Gas Extract/Proc/Trans		0.16	0.16
Oil Extract/Proc/Trans		1.74	1.74
Power Production		5.11	5.11
Fuel Extract/Proc/Trans--Total		-4.55	-4.55
Coal Extract/Proc/Trans		-6.80	-6.80
Gas Extract/Proc/Trans		2.25	2.25
Power Prod/T&D for EVs--Total	61.74	-0.21	61.54
Coal-Fired	-4.81	-0.21	-5.01
Gas-Fired	66.55		66.55
Vehicle Manufacture--Total		236.35	236.35
EV Battery Manufacture		81.90	81.90
EV Shell Manufacture		154.46	154.46
GRAND TOTAL	61.74	240.98	302.73

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH

Units: tn

11/17/96

1:45:09 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		97.53	97.53
Coal Extract/Proc/Trans		4.76	4.76
Gas Extract/Proc/Trans		4.08	4.08
Oil Extract/Proc/Trans		25.18	25.18
Power Production		63.51	63.51
Fuel Extract/Proc/Trans--Total		43.74	43.74
Coal Extract/Proc/Trans		-13.63	-13.63
Gas Extract/Proc/Trans		57.37	57.37
Power Prod/T&D for EVs--Total	-538.94	-5.96	-544.90
Coal-Fired	-543.03	-5.96	-548.99
Gas-Fired	4.09		4.09
Vehicle Manufacture--Total		8,694.06	8,694.06
EV Battery Manufacture		8,100.63	8,100.63
EV Shell Manufacture		593.42	593.42
GRAND TOTAL	-538.94	8,829.36	8,290.42

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH

Units: tn

11/13/96

1:42:37 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		177.75	177.75
Coal Extract/Proc/Trans		25.71	25.71
Gas Extract/Proc/Trans		44.75	44.75
Oil Extract/Proc/Trans		57.73	57.73
Power Production		49.56	49.56
Fuel Extract/Proc/Trans--Total		554.97	554.97
Coal Extract/Proc/Trans		-73.66	-73.66
Gas Extract/Proc/Trans		628.63	628.63
Power Prod/T&D for EVs--Total	-865.28	-6.97	-872.25
Coal-Fired	-295.79	-6.97	-302.77
Gas-Fired	-569.49		-569.49
Vehicle Manufacture--Total		251.85	251.85
EV Battery Manufacture		154.07	154.07
EV Shell Manufacture		97.78	97.78
GRAND TOTAL	-865.28	977.59	112.31

Resource Summary - Crosstab Report - TEMIS Units
Resource: Non-Methane VOCs
Template: Master
Scenario: HE2HUCC2 : H 2010 HIGH
Units: tn

11/12/2006
1:41:11 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		20.56	20.56
Coal Extract/Proc/Trans		3.90	3.90
Gas Extract/Proc/Trans		9.81	9.81
Oil Extract/Proc/Trans		6.51	6.51
Power Production		0.34	0.34
Fuel Extract/Proc/Trans--Total		126.64	126.64
Coal Extract/Proc/Trans		-11.18	-11.18
Gas Extract/Proc/Trans		137.82	137.82
Power Prod/T&D for EVs--Total	33.65	-0.08	33.56
Coal-Fired	-5.77	-0.08	-5.85
Gas-Fired	39.42		39.42
Vehicle Manufacture--Total		16.82	16.82
EV Battery Manufacture		5.36	5.36
EV Shell Manufacture		11.46	11.46
GRAND TOTAL	33.65	163.94	197.59

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH

Units: tn

11/13/96

1:38:25 PM

1

	In Basin	Out Of Basin	Total
Municipal Energy/Mtrls--Total		28.42	28.42
Coal Extract/Proc/Trans		7.14	7.14
Gas Extract/Proc/Trans		8.77	8.77
Oil Extract/Proc/Trans		9.03	9.03
Power Production		3.48	3.48
Fuel Extract/Proc/Trans--Total		102.69	102.69
Coal Extract/Proc/Trans		-20.47	-20.47
Gas Extract/Proc/Trans		123.15	123.15
Power Prod/T&D for EVs--Total	-344.53	-0.55	-345.08
Coal-Fired	-45.28	-0.55	-45.83
Gas-Fired	-299.25		-299.25
Vehicle Manufacture--Total		1,909.47	1,909.47
EV Battery Manufacture		519.67	519.67
EV Shell Manufacture		1,389.80	1,389.80
GRAND TOTAL	-344.53	2,040.03	1,695.50

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH

Units: tn

11/1 20

1:43:57-PM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.46	0.46
EV Battery Manufacture	0.00	0.37	0.37
EV Shell Manufacture	0.00	0.08	0.08
GRAND TOTAL	0.00	0.46	0.46

**Houston: Electric Vehicles, Unconstrained, Combined Cycle
(EVUCC) - Summer**

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO2

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH-SU

Units: tn

11/17/96

11:08:58 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		11,750.48	11,750.48
Coal Extract/Proc/Trans		611.39	611.39
Gas Extract/Proc/Trans		627.45	627.45
Oil Extract/Proc/Trans		4,656.70	4,656.70
Power Production		5,854.94	5,854.94
Fuel Extract/Proc/Trans--Total		8,532.05	8,532.05
Coal Extract/Proc/Trans		-1,782.81	-1,782.81
Gas Extract/Proc/Trans		10,314.85	10,314.85
Power Prod/T&D for EVs--Total	70,999.22		70,999.22
Coal-Fired	-56,450.47		-56,450.47
Gas-Fired	127,449.69		127,449.69
Vehicle Manufacture--Total		47,324.51	47,324.51
EV Battery Manufacture		25,831.48	25,831.48
EV Shell Manufacture		21,493.04	21,493.04
GRAND TOTAL	70,999.22	67,607.04	138,606.26

Resource Summary - Crosstab Report - TEMIS Units
Resource: CH4
Template: Master
Scenario: HE2HUCC2 : H 2010 HIGH-SU
Units: tn

11/1/00
10:47:39

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		102.26	102.26
Coal Extract/Proc/Trans		24.08	24.08
Gas Extract/Proc/Trans		43.65	43.65
Oil Extract/Proc/Trans		34.41	34.41
Power Production		0.12	0.12
Fuel Extract/Proc/Trans--Total		647.30	647.30
Coal Extract/Proc/Trans		-70.21	-70.21
Gas Extract/Proc/Trans		717.51	717.51
Power Prod/T&D for EVs--Total	16.64		16.64
Coal-Fired	-0.48		-0.48
Gas-Fired	17.12		17.12
Vehicle Manufacture--Total		3.00	3.00
EV Battery Manufacture		1.27	1.27
EV Shell Manufacture		1.73	1.73
GRAND TOTAL	16.64	752.56	769.20

Resource Summary - Crosstab Report - TEMIS Units

Resource: TSP

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH-SU

Units: tn

11/17/96

11:16:35 AM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		2.60	2.60
Coal Extract/Proc/Trans		0.65	0.65
Gas Extract/Proc/Trans		0.04	0.04
Oil Extract/Proc/Trans		0.49	0.49
Power Production		1.41	1.41
Fuel Extract/Proc/Trans--Total		-1.18	-1.18
Coal Extract/Proc/Trans		-1.90	-1.90
Gas Extract/Proc/Trans		0.72	0.72
Power Prod/T&D for EVs--Total	15.62		15.62
Coal-Fired	-1.37		-1.37
Gas-Fired	16.99		16.99
Vehicle Manufacture--Total		64.71	64.71
EV Battery Manufacture		22.42	22.42
EV Shell Manufacture		42.29	42.29
GRAND TOTAL	15.62	66.14	81.75

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH-SU

Units: tn

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		27.10	27.10
Coal Extract/Proc/Trans		1.31	1.31
Gas Extract/Proc/Trans		1.12	1.12
Oil Extract/Proc/Trans		7.11	7.11
Power Production		17.57	17.57
Fuel Extract/Proc/Trans--Total		14.67	14.67
Coal Extract/Proc/Trans		-3.81	-3.81
Gas Extract/Proc/Trans		18.48	18.48
Power Prod/T&D for EVs--Total	-130.85		-130.85
Coal-Fired	-132.02		-132.02
Gas-Fired	1.17		1.17
Vehicle Manufacture--Total		2,380.45	2,380.45
EV Battery Manufacture		2,217.98	2,217.98
EV Shell Manufacture		162.47	162.47
GRAND TOTAL	-130.85	2,422.23	2,291.38

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH-SU

Units: tn

11/17/96

11:13:42 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		49.38	49.38
Coal Extract/Proc/Trans		7.06	7.06
Gas Extract/Proc/Trans		12.32	12.32
Oil Extract/Proc/Trans		16.29	16.29
Power Production		13.71	13.71
Fuel Extract/Proc/Trans--Total		181.91	181.91
Coal Extract/Proc/Trans		-20.58	-20.58
Gas Extract/Proc/Trans		202.49	202.49
Power Prod/T&D for EVs--Total	-144.03		-144.03
Coal-Fired	-88.13		-88.13
Gas-Fired	-55.90		-55.90
Vehicle Manufacture--Total		68.95	68.95
EV Battery Manufacture		42.18	42.18
EV Shell Manufacture		26.77	26.77
GRAND TOTAL	-144.03	300.24	156.21

Resource Summary - Crosstab Report - TEMIS Units

Resource: Non-Methane VOCs

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH-SU

Units: tn

11/17/2011
11:10:17 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		5.70	5.70
Coal Extract/Proc/Trans		1.07	1.07
Gas Extract/Proc/Trans		2.70	2.70
Oil Extract/Proc/Trans		1.84	1.84
Power Production		0.09	0.09
Fuel Extract/Proc/Trans--Total		41.27	41.27
Coal Extract/Proc/Trans		-3.12	-3.12
Gas Extract/Proc/Trans		44.39	44.39
Power Prod/T&D for EVs--Total	8.61		8.61
Coal-Fired	-1.64		-1.64
Gas-Fired	10.25		10.25
Vehicle Manufacture--Total		4.60	4.60
EV Battery Manufacture		1.47	1.47
EV Shell Manufacture		3.14	3.14
GRAND TOTAL	8.61	51.58	60.18

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH-SU

Units: tn

11/17/96

11:05:48 AM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		7.89	7.89
Coal Extract/Proc/Trans		1.96	1.96
Gas Extract/Proc/Trans		2.41	2.41
Oil Extract/Proc/Trans		2.55	2.55
Power Production		0.96	0.96
Fuel Extract/Proc/Trans--Total		33.95	33.95
Coal Extract/Proc/Trans		-5.72	-5.72
Gas Extract/Proc/Trans		39.67	39.67
Power Prod/T&D for EVs--Total	-62.94		-62.94
Coal-Fired	-13.04		-13.04
Gas-Fired	-49.90		-49.90
Vehicle Manufacture--Total		522.80	522.80
EV Battery Manufacture		142.29	142.29
EV Shell Manufacture		380.51	380.51
GRAND TOTAL	-62.94	564.64	501.70

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: HE2HUCC2 : H 2010 HIGH-SU

Units: tn

11/17/00
11:14:37 AM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.12	0.12
EV Battery Manufacture	0.00	0.10	0.10
EV Shell Manufacture	0.00	0.02	0.02
GRAND TOTAL	0.00	0.12	0.12

**Houston: Electric Vehicles, Unconstrained Combustion Turbines
(EVUCT) - Annual**

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO2

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH

Units: tn

11/14/96

1:56:52 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		46,217.89	46,217.89
Coal Extract/Proc/Trans		2,279.62	2,279.62
Gas Extract/Proc/Trans		2,336.39	2,336.39
Oil Extract/Proc/Trans		18,366.06	18,366.06
Power Production		23,235.82	23,235.82
Fuel Extract/Proc/Trans--Total		40,612.26	40,612.26
Coal Extract/Proc/Trans		7,958.70	7,958.70
Gas Extract/Proc/Trans		32,653.55	32,653.55
Power Prod/T&D for EVs--Total	653,499.46	-266.73	653,232.72
Coal-Fired	252,359.95	-266.73	252,093.22
Gas-Fired	401,139.51		401,139.51
Vehicle Manufacture--Total		172,848.79	172,848.79
EV Battery Manufacture		94,345.84	94,345.84
EV Shell Manufacture		78,502.95	78,502.95
GRAND TOTAL	653,499.46	259,412.21	912,911.67

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH

Units: tn

11/10/2006
10:19:54 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		388.50	388.50
Coal Extract/Proc/Trans		89.78	89.78
Gas Extract/Proc/Trans		162.52	162.52
Oil Extract/Proc/Trans		135.71	135.71
Power Production		0.49	0.49
Fuel Extract/Proc/Trans--Total		2,584.85	2,584.85
Coal Extract/Proc/Trans		313.43	313.43
Gas Extract/Proc/Trans		2,271.42	2,271.42
Power Prod/T&D for EVs--Total	35.96	-0.00	35.96
Coal-Fired	2.14	-0.00	2.14
Gas-Fired	33.81		33.81
Vehicle Manufacture--Total		10.95	10.95
EV Battery Manufacture		4.64	4.64
EV Shell Manufacture		6.31	6.31
GRAND TOTAL	35.96	2,984.29	3,020.25

Resource Summary - Crosstab Report - TEMIS Units

11/14/96

2:07:27 PM

1

Resource: TSP

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH

Units: tn

	In Basin	Out Of Basin	Total
Uncill. Energy/Mtrls--Total		10.15	10.15
Coal Extract/Proc/Trans		2.43	2.43
Gas Extract/Proc/Trans		0.16	0.16
Oil Extract/Proc/Trans		1.94	1.94
Power Production		5.61	5.61
Fuel Extract/Proc/Trans--Total		10.78	10.78
Coal Extract/Proc/Trans		8.48	8.48
Gas Extract/Proc/Trans		2.29	2.29
Power Prod/T&D for EVs--Total	45.94	-0.02	45.92
Coal-Fired	6.13	-0.02	6.11
Gas-Fired	39.82		39.82
Vehicle Manufacture--Total		236.35	236.35
EV Battery Manufacture		81.90	81.90
EV Shell Manufacture		154.46	154.46
GRAND TOTAL	45.94	257.26	303.20

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH

Units: tn

11/17/00
2:05:37

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		106.79	106.79
Coal Extract/Proc/Trans		4.87	4.87
Gas Extract/Proc/Trans		4.19	4.19
Oil Extract/Proc/Trans		28.02	28.02
Power Production		69.71	69.71
Fuel Extract/Proc/Trans--Total		75.49	75.49
Coal Extract/Proc/Trans		16.99	16.99
Gas Extract/Proc/Trans		58.50	58.50
Power Prod/T&D for EVs--Total	752.93	-0.54	752.39
Coal-Fired	749.69	-0.54	749.15
Gas-Fired	3.24		3.24
Vehicle Manufacture--Total		8,694.06	8,694.06
EV Battery Manufacture		8,100.63	8,100.63
EV Shell Manufacture		593.42	593.42
GRAND TOTAL	752.93	8,875.80	9,628.73

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH

Units: tn

11/14/96

2:00:58 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		190.84	190.84
Coal Extract/Proc/Trans		26.31	26.31
Gas Extract/Proc/Trans		45.87	45.87
Oil Extract/Proc/Trans		64.26	64.26
Power Production		54.40	54.40
Fuel Extract/Proc/Trans--Total		732.88	732.88
Coal Extract/Proc/Trans		91.86	91.86
Gas Extract/Proc/Trans		641.01	641.01
Power Prod/T&D for EVs--Total	521.08	-0.63	520.45
Coal-Fired	358.65	-0.63	358.02
Gas-Fired	162.43		162.43
Vehicle Manufacture--Total		251.85	251.85
EV Battery Manufacture		154.07	154.07
EV Shell Manufacture		97.78	97.78
GRAND TOTAL	521.08	1,174.93	1,696.02

Resource Summary - Crosstab Report - TEMIS Units

Resource: Non-Methane VOCs

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH

Units: tn

11/1/2006
1:59:51 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		21.67	21.67
Coal Extract/Proc/Trans		3.99	3.99
Gas Extract/Proc/Trans		10.06	10.06
Oil Extract/Proc/Trans		7.25	7.25
Power Production		0.37	0.37
Fuel Extract/Proc/Trans--Total		154.49	154.49
Coal Extract/Proc/Trans		13.95	13.95
Gas Extract/Proc/Trans		140.54	140.54
Power Prod/T&D for EVs--Total	32.12	-0.01	32.11
Coal-Fired	7.35	-0.01	7.34
Gas-Fired	24.77		24.77
Vehicle Manufacture--Total		16.82	16.82
EV Battery Manufacture		5.36	5.36
EV Shell Manufacture		11.46	11.46
GRAND TOTAL	32.12	192.96	225.08

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH

Units: tn

11/14/90

1:55:08 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		30.17	30.17
Coal Extract/Proc/Trans		7.31	7.31
Gas Extract/Proc/Trans		8.99	8.99
Oil Extract/Proc/Trans		10.05	10.05
Power Production		3.82	3.82
Fuel Extract/Proc/Trans--Total		151.11	151.11
Coal Extract/Proc/Trans		25.53	25.53
Gas Extract/Proc/Trans		125.58	125.58
Power Prod/T&D for EVs--Total	166.29	-0.05	166.24
Coal-Fired	72.70	-0.05	72.65
Gas-Fired	93.59		93.59
Vehicle Manufacture--Total		1,909.47	1,909.47
EV Battery Manufacture		519.67	519.67
EV Shell Manufacture		1,389.80	1,389.80
GRAND TOTAL	166.29	2,090.69	2,256.98

Resource Summary - Crosstab Report - TEMIS Units
Resource: Pb
Template: Master
Scenario: HE2HUCT2 : H 2010 HIGH
Units: tn

11/1 96
2:03:01 M
1

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.46	0.46
EV Battery Manufacture	0.00	0.37	0.37
EV Shell Manufacture	0.00	0.08	0.08
GRAND TOTAL	0.00	0.46	0.46

**Houston: Electric Vehicles, Unconstrained Combustion Turbines
(EVUCT) - Summer**

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO2

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH-SU

Units: tn

11/17/96
11:21:00 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		12,784.44	12,784.44
Coal Extract/Proc/Trans		624.04	624.04
Gas Extract/Proc/Trans		642.27	642.27
Oil Extract/Proc/Trans		5,159.97	5,159.97
Power Production		6,358.17	6,358.17
Fuel Extract/Proc/Trans--Total		12,778.35	12,778.35
Coal Extract/Proc/Trans		1,454.16	1,454.16
Gas Extract/Proc/Trans		11,324.19	11,324.19
Power Prod/T&D for EVs--Total	185,161.64		185,161.64
Coal-Fired	46,044.36		46,044.36
Gas-Fired	139,117.28		139,117.28
Vehicle Manufacture--Total		47,324.51	47,324.51
EV Battery Manufacture		25,831.48	25,831.48
EV Shell Manufacture		21,493.04	21,493.04
GRAND TOTAL	185,161.64	72,887.31	258,048.95

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH-SU

Units: tn

11/1/90
11:18:35 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		107.51	107.51
Coal Extract/Proc/Trans		24.58	24.58
Gas Extract/Proc/Trans		44.68	44.68
Oil Extract/Proc/Trans		38.13	38.13
Power Production		0.13	0.13
Fuel Extract/Proc/Trans--Total		844.99	844.99
Coal Extract/Proc/Trans		57.27	57.27
Gas Extract/Proc/Trans		787.72	787.72
Power Prod/T&D for EVs--Total	12.09		12.09
Coal-Fired	0.39		0.39
Gas-Fired	11.70		11.70
Vehicle Manufacture--Total		3.00	3.00
EV Battery Manufacture		1.27	1.27
EV Shell Manufacture		1.73	1.73
GRAND TOTAL	12.09	955.50	967.60

**Houston: Electric Vehicles, Off-Peak, Combined Cycle
(EVOCC) - Summer**

Resource Summary - Crosstab Report - TEMIS Units

11/13/96

Resource: CO2

3:17:07 PM

1

Template: Master

Scenario: HESHOCC2 : H 2010 HIGH-SU

Units: tn

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		12,873.19	12,873.19
Coal Extract/Proc/Trans		629.59	629.59
Gas Extract/Proc/Trans		641.64	641.64
Oil Extract/Proc/Trans		5,022.79	5,022.79
Power Production		6,579.17	6,579.17
Fuel Extract/Proc/Trans--Total		10,162.82	10,162.82
Coal Extract/Proc/Trans		4,737.58	4,737.58
Gas Extract/Proc/Trans		5,425.24	5,425.24
Power Prod/T&D for EVs--Total	215,649.67		215,649.67
Coal-Fired	150,009.68		150,009.68
Gas-Fired	65,639.99		65,639.99
Vehicle Manufacture--Total		47,324.51	47,324.51
EV Battery Manufacture		25,831.48	25,831.48
EV Shell Manufacture		21,493.04	21,493.04
GRAND TOTAL	215,649.67	70,360.52	286,010.20

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: HESHOCC2 : H 2010 HIGH-SU

Units: tn

11/1/96

3:15:08 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		106.68	106.68
Coal Extract/Proc/Trans		24.79	24.79
Gas Extract/Proc/Trans		44.63	44.63
Oil Extract/Proc/Trans		37.12	37.12
Power Production		0.14	0.14
Fuel Extract/Proc/Trans--Total		563.96	563.96
Coal Extract/Proc/Trans		186.57	186.57
Gas Extract/Proc/Trans		377.39	377.39
Power Prod/T&D for EVs--Total	7.49		7.49
Coal-Fired	1.27		1.27
Gas-Fired	6.22		6.22
Vehicle Manufacture--Total		3.00	3.00
EV Battery Manufacture		1.27	1.27
EV Shell Manufacture		1.73	1.73
GRAND TOTAL	7.49	673.64	681.13

Source Summary - Crosstab Report - TEMIS Units

Source: TSP

Template: Master

Scenario: HESHOCC2 : H 2010 HIGH-SU

Units: tn

11/13/96

3:23:40 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		2.84	2.84
Coal Extract/Proc/Trans		0.67	0.67
Gas Extract/Proc/Trans		0.05	0.05
Oil Extract/Proc/Trans		0.53	0.53
Power Production		1.59	1.59
Fuel Extract/Proc/Trans--Total		5.43	5.43
Coal Extract/Proc/Trans		5.05	5.05
Gas Extract/Proc/Trans		0.38	0.38
Power Prod/T&D for EVs--Total	4.21		4.21
Coal-Fired	3.64		3.64
Gas-Fired	0.57		0.57
Vehicle Manufacture--Total		64.71	64.71
EV Battery Manufacture		22.42	22.42
EV Shell Manufacture		42.29	42.29
GRAND TOTAL	4.21	72.98	77.19

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: HESHOCC2 : H 2010 HIGH-SU

Units: tn

11/13/06
3:21:49 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		29.90	29.90
Coal Extract/Proc/Trans		1.34	1.34
Gas Extract/Proc/Trans		1.15	1.15
Oil Extract/Proc/Trans		7.66	7.66
Power Production		19.74	19.74
Fuel Extract/Proc/Trans--Total		19.83	19.83
Coal Extract/Proc/Trans		10.12	10.12
Gas Extract/Proc/Trans		9.72	9.72
Power Prod/T&D for EVs--Total	526.62		526.62
Coal-Fired	526.28		526.28
Gas-Fired	0.34		0.34
Vehicle Manufacture--Total		2,380.45	2,380.45
EV Battery Manufacture		2,217.98	2,217.98
EV Shell Manufacture		162.47	162.47
GRAND TOTAL	526.62	2,430.19	2,956.81

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: HESHOCC2 : H 2010 HIGH-SU

Units: tn

11/13/96

3:19:34 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		52.84	52.84
Coal Extract/Proc/Trans		7.27	7.27
Gas Extract/Proc/Trans		12.60	12.60
Oil Extract/Proc/Trans		17.57	17.57
Power Production		15.40	15.40
Fuel Extract/Proc/Trans--Total		161.19	161.19
Coal Extract/Proc/Trans		54.68	54.68
Gas Extract/Proc/Trans		106.50	106.50
Power Prod/T&D for EVs--Total	411.35		411.35
Coal-Fired	219.14		219.14
Gas-Fired	192.21		192.21
Vehicle Manufacture--Total		68.95	68.95
EV Battery Manufacture		42.18	42.18
EV Shell Manufacture		26.77	26.77
GRAND TOTAL	411.35	282.98	694.33

Resource Summary - Crosstab Report - TEMIS Units

Resource: Non-Methane VOCs

Template: Master

Scenario: HESHOCC2 : H 2010 HIGH-SU

Units: tn

11/1 96

3:18:20 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		5.95	5.95
Coal Extract/Proc/Trans		1.10	1.10
Gas Extract/Proc/Trans		2.76	2.76
Oil Extract/Proc/Trans		1.98	1.98
Power Production		0.11	0.11
Fuel Extract/Proc/Trans--Total		31.65	31.65
Coal Extract/Proc/Trans		8.30	8.30
Gas Extract/Proc/Trans		23.35	23.35
Power Prod/T&D for EVs--Total	5.16		5.16
Coal-Fired	4.37		4.37
Gas-Fired	0.79		0.79
Vehicle Manufacture--Total		4.60	4.60
EV Battery Manufacture		1.47	1.47
EV Shell Manufacture		3.14	3.14
GRAND TOTAL	5.16	42.21	47.37

Resource Summary - Crosstab Report - TEMIS Units

11/13/96
3:16:06 PM

Resource: CO

Template: Master

Scenario: HESHOCC2 : H 2010 HIGH-SU

Units: tn

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		8.32	8.32
Coal Extract/Proc/Trans		2.02	2.02
Gas Extract/Proc/Trans		2.47	2.47
Oil Extract/Proc/Trans		2.75	2.75
Power Production		1.08	1.08
Fuel Extract/Proc/Trans--Total		36.06	36.06
Coal Extract/Proc/Trans		15.19	15.19
Gas Extract/Proc/Trans		20.86	20.86
Power Prod/T&D for EVs--Total	110.02		110.02
Coal-Fired	33.41		33.41
Gas-Fired	76.61		76.61
Vehicle Manufacture--Total		522.80	522.80
EV Battery Manufacture		142.29	142.29
EV Shell Manufacture		380.51	380.51
GRAND TOTAL	110.02	567.18	677.20

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: HESHOCC2 : H 2010 HIGH-SU

Units: tn

11/1/06

3:20:37 PM

-1

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.12	0.12
EV Battery Manufacture	0.00	0.10	0.10
EV Shell Manufacture	0.00	0.02	0.02
GRAND TOTAL	0.00	0.12	0.12

**Houston: Electric Vehicles, Off-Peak, Combustion Turbines
(EVOCT) - Summer**

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO2

Template: Master

Scenario: HESHOCT2 : H 2010 HIGH-SU

Units: tn

11/13/96

3:41:06 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		12,868.68	12,868.68
Coal Extract/Proc/Trans		629.40	629.40
Gas Extract/Proc/Trans		641.64	641.64
Oil Extract/Proc/Trans		5,026.28	5,026.28
Power Production		6,571.37	6,571.37
Fuel Extract/Proc/Trans--Total		10,238.18	10,238.18
Coal Extract/Proc/Trans		4,628.74	4,628.74
Gas Extract/Proc/Trans		5,609.44	5,609.44
Power Prod/T&D for EVs--Total	214,431.75		214,431.75
Coal-Fired	146,563.43		146,563.43
Gas-Fired	67,868.33		67,868.33
Vehicle Manufacture--Total		47,324.51	47,324.51
EV Battery Manufacture		25,831.48	25,831.48
EV Shell Manufacture		21,493.04	21,493.04
RAND TOTAL	214,431.75	70,431.37	284,863.13

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: HESHOCT2 : H 2010 HIGH-SU

Units: tn

11/1 96

3:39:00 M

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		106.70	106.70
Coal Extract/Proc/Trans		24.79	24.79
Gas Extract/Proc/Trans		44.63	44.63
Oil Extract/Proc/Trans		37.14	37.14
Power Production		0.14	0.14
Fuel Extract/Proc/Trans--Total		572.49	572.49
Coal Extract/Proc/Trans		182.29	182.29
Gas Extract/Proc/Trans		390.20	390.20
Power Prod/T&D for EVs--Total	7.65		7.65
Coal-Fired	1.24		1.24
Gas-Fired	6.41		6.41
Vehicle Manufacture--Total		3.00	3.00
EV Battery Manufacture		1.27	1.27
EV Shell Manufacture		1.73	1.73
GRAND TOTAL	7.65	682.18	689.83

Resource Summary - Crosstab Report - TEMIS Units

Resource: TSP

Template: Master

Scenario: HESHOCT2 : H 2010 HIGH-SU

Units: tn

11/13/96

3:49:48 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		2.83	2.83
Coal Extract/Proc/Trans		0.67	0.67
Gas Extract/Proc/Trans		0.05	0.05
Oil Extract/Proc/Trans		0.53	0.53
Power Production		1.59	1.59
Fuel Extract/Proc/Trans--Total		5.33	5.33
Coal Extract/Proc/Trans		4.93	4.93
Gas Extract/Proc/Trans		0.39	0.39
Power Prod/T&D for EVs--Total	4.15		4.15
Coal-Fired	3.56		3.56
Gas-Fired	0.59		0.59
Vehicle Manufacture--Total		64.71	64.71
EV Battery Manufacture		22.42	22.42
EV Shell Manufacture		42.29	42.29
GRAND TOTAL	4.15	72.87	77.02

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: HESHOCT2 : H 2010 HIGH-SU

Units: tn

11/13/06

3:48:49 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		29.88	29.88
Coal Extract/Proc/Trans		1.34	1.34
Gas Extract/Proc/Trans		1.15	1.15
Oil Extract/Proc/Trans		7.67	7.67
Power Production		19.72	19.72
Fuel Extract/Proc/Trans--Total		19.93	19.93
Coal Extract/Proc/Trans		9.88	9.88
Gas Extract/Proc/Trans		10.05	10.05
Power Prod/T&D for EVs--Total	551.50		551.50
Coal-Fired	551.15		551.15
Gas-Fired	0.35		0.35
Vehicle Manufacture--Total		2,380.45	2,380.45
EV Battery Manufacture		2,217.98	2,217.98
EV Shell Manufacture		162.47	162.47
GRAND TOTAL	551.50	2,430.27	2,981.76

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: HESHOCT2 : H 2010 HIGH-SU

Units: tn

11/13/96

3:46:50 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		52.83	52.83
Coal Extract/Proc/Trans		7.26	7.26
Gas Extract/Proc/Trans		12.60	12.60
Oil Extract/Proc/Trans		17.59	17.59
Power Production		15.38	15.38
Fuel Extract/Proc/Trans--Total		163.55	163.55
Coal Extract/Proc/Trans		53.43	53.43
Gas Extract/Proc/Trans		110.12	110.12
Power Prod/T&D for EVs--Total	414.89		414.89
Coal-Fired	210.54		210.54
Gas-Fired	204.36		204.36
Vehicle Manufacture--Total		68.95	68.95
EV Battery Manufacture		42.18	42.18
EV Shell Manufacture		26.77	26.77
GRAND TOTAL	414.89	285.33	700.22

Resource Summary - Crosstab Report - TEMIS Units**Resource:** Non-Methane VOCs**Template:** Master**Scenario:** HESHOCT2 : H 2010 HIGH-SU**Units:** tn

11/14/6

6:32:55 M

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		5.95	5.95
Coal Extract/Proc/Trans		1.10	1.10
Gas Extract/Proc/Trans		2.76	2.76
Oil Extract/Proc/Trans		1.98	1.98
Power Production		0.10	0.10
Fuel Extract/Proc/Trans--Total		32.25	32.25
Coal Extract/Proc/Trans		8.11	8.11
Gas Extract/Proc/Trans		24.14	24.14
Power Prod/T&D for EVs--Total	5.09		5.09
Coal-Fired	4.27		4.27
Gas-Fired	0.82		0.82
Vehicle Manufacture--Total		4.60	4.60
EV Battery Manufacture		1.47	1.47
EV Shell Manufacture		3.14	3.14
GRAND TOTAL	5.09	42.81	47.90

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: HESHOCT2 : H 2010 HIGH-SU

Units: tn

11/13/96

3:40:03 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		8.32	8.32
Coal Extract/Proc/Trans		2.02	2.02
Gas Extract/Proc/Trans		2.47	2.47
Oil Extract/Proc/Trans		2.75	2.75
Power Production		1.08	1.08
Fuel Extract/Proc/Trans--Total		36.42	36.42
Coal Extract/Proc/Trans		14.85	14.85
Gas Extract/Proc/Trans		21.57	21.57
Power Prod/T&D for EVs--Total	92.63		92.63
Coal-Fired	32.34		32.34
Gas-Fired	60.29		60.29
Vehicle Manufacture--Total		522.80	522.80
EV Battery Manufacture		142.29	142.29
EV Shell Manufacture		380.51	380.51
GRAND TOTAL	92.63	567.54	660.17

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: HESHOCT2 : H 2010 HIGH-SU

Units: tn

11/13/2016

3:47:44 PM

1

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.12	0.12
EV Battery Manufacture	0.00	0.10	0.10
EV Shell Manufacture	0.00	0.02	0.02
GRAND TOTAL	0.00	0.12	0.12

Washington: Conventional Vehicles (CV) - Annual

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO2

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH

Units: tn

11/27/96

4:15:54 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		38,226.25	38,226.25
Coal Extract/Proc/Trans		1,608.17	1,608.17
Gas Extract/Proc/Trans		9,296.24	9,296.24
Oil Extract/Proc/Trans		1,601.44	1,601.44
Power Production		25,720.40	25,720.40
Fuel Extract/Proc/Trans--Total		13,576.58	13,576.58
Oil Extract/Proc/Trans		13,576.58	13,576.58
RFG Production--Total		80,826.34	80,826.34
Gasoline Blendstock Production		67,957.27	67,957.27
Oxygenate Production		9,812.92	9,812.92
RFG Distribution		3,056.14	3,056.14
Vehicle Manufacture--Total		61,611.54	61,611.54
CV Manufacture		61,611.54	61,611.54
Vehicle Operations--Total	667,516.43		667,516.43
CV Emissions	667,516.43		667,516.43
GRAND TOTAL	667,516.43	194,240.71	861,757.15

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH

Units: tn

11/27/06
4:11:19 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		716.00	716.00
Coal Extract/Proc/Trans		56.97	56.97
Gas Extract/Proc/Trans		646.66	646.66
Oil Extract/Proc/Trans		11.83	11.83
Power Production		0.54	0.54
Fuel Extract/Proc/Trans--Total		602.48	602.48
Oil Extract/Proc/Trans		602.48	602.48
RFG Production--Total		4.86	4.86
Oxygenate Production		4.82	4.82
RFG Distribution		0.04	0.04
Vehicle Manufacture--Total		4.55	4.55
CV Manufacture		4.55	4.55
Vehicle Operations--Total	88.50		88.50
CV Emissions	88.50		88.50
GRAND TOTAL	88.50	1,327.90	1,416.39

	In Basin	Out Of Basin	Total
Fertilizer, Energy/Mtrls--Total		8.76	8.76
Coal Extract/Proc/Trans		1.73	1.73
Gas Extract/Proc/Trans		0.65	0.65
Oil Extract/Proc/Trans		0.17	0.17
Power Production		6.21	6.21
Fuel Extract/Proc/Trans--Total		3.43	3.43
Oil Extract/Proc/Trans		3.43	3.43
RFG Production--Total		5.77	5.77
Gasoline Blendstock Production		5.18	5.18
RFG Distribution		0.59	0.59
Vehicle Manufacture--Total		110.28	110.28
CV Manufacture		110.28	110.28
Vehicle Operations--Total	34.21		34.21
CV Emissions	34.21		34.21
GRAND TOTAL	34.21	128.25	162.46

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH

Units: tn

11/2 2006
4:22:55 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		99.76	99.76
Coal Extract/Proc/Trans		3.50	3.50
Gas Extract/Proc/Trans		16.65	16.65
Oil Extract/Proc/Trans		2.44	2.44
Power Production		77.16	77.16
Fuel Extract/Proc/Trans--Total		24.37	24.37
Oil Extract/Proc/Trans		24.37	24.37
RFG Production--Total		111.22	111.22
Gasoline Blendstock Production		100.04	100.04
RFG Distribution		11.18	11.18
Vehicle Manufacture--Total		352.68	352.68
CV Manufacture		352.68	352.68
Vehicle Operations--Total	76.91		76.91
CV Emissions	76.91		76.91
GRAND TOTAL	76.91	588.03	664.94

Source Summary - Crosstab Report - TEMIS Units

Source: NOx

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH

Units: tn

11/27/90

4:20:12 PM

	In Basin	Out Of Basin	Total
Min. Energy/Mtrls--Total		266.67	266.67
Coal Extract/Proc/Trans		18.36	18.36
Gas Extract/Proc/Trans		182.49	182.49
Oil Extract/Proc/Trans		5.60	5.60
Power Production		60.21	60.21
Fuel Extract/Proc/Trans--Total		120.47	120.47
Oil Extract/Proc/Trans		120.47	120.47
RFG Production--Total		226.76	226.76
Gasoline Blendstock Production		164.81	164.81
Oxygenate Production		54.84	54.84
RFG Distribution		7.11	7.11
Vehicle Manufacture--Total		82.06	82.06
CV Manufacture		82.06	82.06
Vehicle Operations--Total	1,234.89		1,234.89
CV Emissions	1,234.89		1,234.89
GRAND TOTAL	1,234.89	695.97	1,930.86

Resource Summary - Crosstab Report - TEMIS Units

Resource: Non-Methane VOCs

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH

Units: tn

11/27/06

4:18:04 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		43.91	43.91
Coal Extract/Proc/Trans		2.86	2.86
Gas Extract/Proc/Trans		40.01	40.01
Oil Extract/Proc/Trans		0.63	0.63
Power Production		0.41	0.41
Fuel Extract/Proc/Trans--Total		22.40	22.40
Oil Extract/Proc/Trans		22.40	22.40
RFG Production--Total		10.01	10.01
Gasoline Blendstock Production		9.77	9.77
Oxygenate Production		0.19	0.19
RFG Distribution		0.05	0.05
Vehicle Manufacture--Total		7.97	7.97
CV Manufacture		7.97	7.97
Vehicle Operations--Total	1,212.27		1,212.27
CV Emissions	1,212.27		1,212.27
GRAND TOTAL	1,212.27	84.30	1,296.56

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH

Units: tn

11/27/96

4:13:27 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		46.03	46.03
Coal Extract/Proc/Trans		5.17	5.17
Gas Extract/Proc/Trans		35.75	35.75
Oil Extract/Proc/Trans		0.88	0.88
Power Production		4.23	4.23
Fuel Extract/Proc/Trans--Total		25.67	25.67
Oil Extract/Proc/Trans		25.67	25.67
RFG Production--Total		21.06	21.06
Gasoline Blendstock Production		18.93	18.93
Oxygenate Production		1.54	1.54
RFG Distribution		0.58	0.58
Vehicle Manufacture--Total		1,006.78	1,006.78
CV Manufacture		1,006.78	1,006.78
Vehicle Operations--Total	12,776.31		12,776.31
CV Emissions	12,776.31		12,776.31
GRAND TOTAL	12,776.31	1,099.53	13,875.85

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH

Units: tn

11/2' 00

4:21:29 PM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.06	0.06
CV Manufacture	0.00	0.06	0.06
GRAND TOTAL	0.00	0.06	0.06

Resource Summary - Crosstab Report - TEMIS Units

Resource: TSP

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH-SU

Units: tn

11/17/96

11:25:29 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		2.79	2.79
Coal Extract/Proc/Trans		0.67	0.67
Gas Extract/Proc/Trans		0.05	0.05
Oil Extract/Proc/Trans		0.54	0.54
Power Production		1.54	1.54
Fuel Extract/Proc/Trans--Total		2.35	2.35
Coal Extract/Proc/Trans		1.55	1.55
Gas Extract/Proc/Trans		0.80	0.80
Power Prod/T&D for EVs--Total	14.94		14.94
Coal-Fired	1.12		1.12
Gas-Fired	13.83		13.83
Vehicle Manufacture--Total		64.71	64.71
EV Battery Manufacture		22.42	22.42
EV Shell Manufacture		42.29	42.29
GRAND TOTAL	14.94	69.85	84.79

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH-SU

Units: tn

11/1/96
11:24:31 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		29.43	29.43
Coal Extract/Proc/Trans		1.33	1.33
Gas Extract/Proc/Trans		1.15	1.15
Oil Extract/Proc/Trans		7.87	7.87
Power Production		19.08	19.08
Fuel Extract/Proc/Trans--Total		23.39	23.39
Coal Extract/Proc/Trans		3.10	3.10
Gas Extract/Proc/Trans		20.29	20.29
Power Prod/T&D for EVs--Total	174.92		174.92
Coal-Fired	173.80		173.80
Gas-Fired	1.12		1.12
Vehicle Manufacture--Total		2,380.45	2,380.45
EV Battery Manufacture		2,217.98	2,217.98
EV Shell Manufacture		162.47	162.47
GRAND TOTAL	174.92	2,433.28	2,608.20

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH-SU

Units: tn

11/17/96
11:22:44 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		52.75	52.75
Coal Extract/Proc/Trans		7.20	7.20
Gas Extract/Proc/Trans		12.61	12.61
Oil Extract/Proc/Trans		18.05	18.05
Power Production		14.89	14.89
Fuel Extract/Proc/Trans--Total		239.09	239.09
Coal Extract/Proc/Trans		16.78	16.78
Gas Extract/Proc/Trans		222.30	222.30
Power Prod/T&D for EVs--Total	120.40		120.40
Coal-Fired	60.45		60.45
Gas-Fired	59.95		59.95
Vehicle Manufacture--Total		68.95	68.95
EV Battery Manufacture		42.18	42.18
EV Shell Manufacture		26.77	26.77
RAND TOTAL	120.40	360.79	481.19

Resource Summary - Crosstab Report - TEMIS Units**Resource:** Non-Methane VOCs**Template:** Master**Scenario:** HE2HUCT2 : H 2010 HIGH-SU**Units:** tn11/1/96
11:21:53 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		6.00	6.00
Coal Extract/Proc/Trans		1.09	1.09
Gas Extract/Proc/Trans		2.76	2.76
Oil Extract/Proc/Trans		2.04	2.04
Power Production		0.10	0.10
Fuel Extract/Proc/Trans--Total		51.29	51.29
Coal Extract/Proc/Trans		2.55	2.55
Gas Extract/Proc/Trans		48.74	48.74
Power Prod/T&D for EVs--Total	9.94		9.94
Coal-Fired	1.34		1.34
Gas-Fired	8.60		8.60
Vehicle Manufacture--Total		4.60	4.60
EV Battery Manufacture		1.47	1.47
EV Shell Manufacture		3.14	3.14
GRAND TOTAL	9.94	61.89	71.83

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: HE2HUCT2 : H 2010 HIGH-SU

Units: tn

11/17/9

11:20:08 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		8.34	8.34
Coal Extract/Proc/Trans		2.00	2.00
Gas Extract/Proc/Trans		2.47	2.47
Oil Extract/Proc/Trans		2.82	2.82
Power Production		1.05	1.05
Fuel Extract/Proc/Trans--Total		48.21	48.21
Coal Extract/Proc/Trans		4.66	4.66
Gas Extract/Proc/Trans		43.55	43.55
Power Prod/T&D for EVs--Total	30.79		30.79
Coal-Fired	14.22		14.22
Gas-Fired	16.57		16.57
Vehicle Manufacture--Total		522.80	522.80
EV Battery Manufacture		142.29	142.29
EV Shell Manufacture		380.51	380.51
GRAND TOTAL	30.79	579.36	610.15

Resource Summary - Crosstab Report - TEMIS Units**Resource:** Pb**Template:** Master**Scenario:** HE2HUCT2 : H 2010 HIGH-SU**Units:** tn

11/ /96

11:23:36 AM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.12	0.12
EV Battery Manufacture	0.00	0.10	0.10
EV Shell Manufacture	0.00	0.02	0.02
GRAND TOTAL	0.00	0.12	0.12

Washington: Conventional Vehicles (CV) - Summer

Source Summary - Crosstab Report - TEMIS Units

Source: CO2

11/27/90

5:11:42 PM

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH-SU

Units: tn

	In Basin	Out Of Basin	Total
Facill. Energy/Mtrls--Total		11,223.46	11,223.46
Coal Extract/Proc/Trans		451.13	451.13
Gas Extract/Proc/Trans		2,836.20	2,836.20
Oil Extract/Proc/Trans		447.20	447.20
Power Production		7,488.93	7,488.93
Fuel Extract/Proc/Trans--Total		4,199.94	4,199.94
Oil Extract/Proc/Trans		4,199.94	4,199.94
RFG Production--Total		25,003.77	25,003.77
Gasoline Blendstock Production		21,022.70	21,022.70
Oxygenate Production		3,035.65	3,035.65
RFG Distribution		945.42	945.42
Vehicle Manufacture--Total		16,866.96	16,866.96
CV Manufacture		16,866.96	16,866.96
Vehicle Operations--Total	209,510.28		209,510.28
CV Emissions	209,510.28		209,510.28
GRAND TOTAL	209,510.28	57,294.13	266,804.42

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH-SU

Units: tn

11/2/2006
5:04:32 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		216.73	216.73
Coal Extract/Proc/Trans		15.98	15.98
Gas Extract/Proc/Trans		197.29	197.29
Oil Extract/Proc/Trans		3.30	3.30
Power Production		0.16	0.16
Fuel Extract/Proc/Trans--Total		186.38	186.38
Oil Extract/Proc/Trans		186.38	186.38
RFG Production--Total		1.50	1.50
Oxygenate Production		1.49	1.49
RFG Distribution		0.01	0.01
Vehicle Manufacture--Total		1.25	1.25
CV Manufacture		1.25	1.25
Vehicle Operations--Total	21.55		21.55
CV Emissions	21.55		21.55
GRAND TOTAL	21.55	405.86	427.41

Source Summary - Crosstab Report - TEMIS Units

Source: TSP

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH-SU

Units: tn

11/27/96

5:20:24 PM

1

	In Basin	Out Of Basin	Total
Ancill, Energy/Mtrls--Total		2.54	2.54
Coal Extract/Proc/Trans		0.48	0.48
Gas Extract/Proc/Trans		0.20	0.20
Oil Extract/Proc/Trans		0.05	0.05
Power Production		1.81	1.81
Nel Extract/Proc/Trans--Total		1.06	1.06
Oil Extract/Proc/Trans		1.06	1.06
RFG Production--Total		1.79	1.79
Gasoline Blendstock Production		1.60	1.60
RFG Distribution		0.18	0.18
Vehicle Manufacture--Total		30.19	30.19
CV Manufacture		30.19	30.19
Vehicle Operations--Total	9.37		9.37
CV Emissions	9.37		9.37
GRAND TOTAL	9.37	35.58	44.94

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH-SU

Units: tn

11/27/00

5:18:41 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		29.21	29.21
Coal Extract/Proc/Trans		0.98	0.98
Gas Extract/Proc/Trans		5.08	5.08
Oil Extract/Proc/Trans		0.68	0.68
Power Production		22.47	22.47
Fuel Extract/Proc/Trans--Total		7.54	7.54
Oil Extract/Proc/Trans		7.54	7.54
RFG Production--Total		34.41	34.41
Gasoline Blendstock Production		30.95	30.95
RFG Distribution		3.46	3.46
Vehicle Manufacture--Total		96.55	96.55
CV Manufacture		96.55	96.55
Vehicle Operations--Total	23.79		23.79
CV Emissions	23.79		23.79
GRAND TOTAL	23.79	167.71	191.50

Source Summary - Crosstab Report - TEMIS Units

Source: NOx

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH-SU

Units: tn

11/27/96
5:15:04 PM

	In Basin	Out Of Basin	Total
Municipal Energy/Mtrls--Total		79.92	79.92
Coal Extract/Proc/Trans		5.15	5.15
Gas Extract/Proc/Trans		55.68	55.68
Oil Extract/Proc/Trans		1.56	1.56
Power Production		17.53	17.53
Fuel Extract/Proc/Trans--Total		37.27	37.27
Oil Extract/Proc/Trans		37.27	37.27
RFG Production--Total		70.15	70.15
Gasoline Blendstock Production		50.98	50.98
Oxygenate Production		16.96	16.96
RFG Distribution		2.20	2.20
Vehicle Manufacture--Total		22.47	22.47
CV Manufacture		22.47	22.47
Vehicle Operations--Total	306.87		306.87
CV Emissions	306.87		306.87
GRAND TOTAL	306.87	209.81	516.68

Resource Summary - Crosstab Report - TEMIS Units
Resource: Non-Methane VOCs
Template: Master
Scenario: DC2HBBB2 : DC 2010 HIGH-SU
Units: tn

11/2/00
5:13:22 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		13.31	13.31
Coal Extract/Proc/Trans		0.80	0.80
Gas Extract/Proc/Trans		12.21	12.21
Oil Extract/Proc/Trans		0.18	0.18
Power Production		0.12	0.12
Fuel Extract/Proc/Trans--Total		6.93	6.93
Oil Extract/Proc/Trans		6.93	6.93
RFG Production--Total		3.10	3.10
Gasoline Blendstock Production		3.02	3.02
Oxygenate Production		0.06	0.06
RFG Distribution		0.02	0.02
Vehicle Manufacture--Total		2.18	2.18
CV Manufacture		2.18	2.18
Vehicle Operations--Total	295.17		295.17
CV Emissions	295.17		295.17
GRAND TOTAL	295.17	25.51	320.69

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH-SU

Units: tn

11/27/96

5:08:45 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		13.83	13.83
Coal Extract/Proc/Trans		1.45	1.45
Gas Extract/Proc/Trans		10.91	10.91
Oil Extract/Proc/Trans		0.24	0.24
Power Production		1.23	1.23
Ref. Extract/Proc/Trans--Total		7.94	7.94
Oil Extract/Proc/Trans		7.94	7.94
RFG Production--Total		6.51	6.51
Gasoline Blendstock Production		5.86	5.86
Oxygenate Production		0.48	0.48
RFG Distribution		0.18	0.18
Vehicle Manufacture--Total		275.62	275.62
CV Manufacture		275.62	275.62
Vehicle Operations--Total	2,308.97		2,308.97
CV Emissions	2,308.97		2,308.97
GRAND TOTAL	2,308.97	303.91	2,612.88

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: DC2HBBB2 : DC 2010 HIGH-SU

Units: tn

11/27/00
5:16:22 PM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.02	0.02
CV Manufacture	0.00	0.02	0.02
GRAND TOTAL	0.00	0.02	0.02

**Washington: Electric Vehicles, Unconstrained, Combined Cycle
(EVUCC) - Annual**

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		31,275.66	31,275.66
Coal Extract/Proc/Trans		1,299.51	1,299.51
Gas Extract/Proc/Trans		1,558.60	1,558.60
Oil Extract/Proc/Trans		10,760.85	10,760.85
Power Production		17,656.69	17,656.69
Fuel Extract/Proc/Trans--Total		22,450.25	22,450.25
Coal Extract/Proc/Trans		4,974.03	4,974.03
Gas Extract/Proc/Trans		16,270.85	16,270.85
Oil Extract/Proc/Trans		1,205.37	1,205.37
Power Prod/T&D for EVs--Total	91,814.11	343,896.42	435,710.53
Coal-Fired	3,292.33	245,881.73	249,174.07
Gas-Fired	79,236.11	47,183.48	126,419.59
Oil-Fired	9,285.66	50,831.21	60,116.88
Vehicle Manufacture--Total		114,806.43	114,806.43
EV Battery Manufacture		61,372.60	61,372.60
EV Shell Manufacture		53,433.83	53,433.83
LAND TOTAL	91,814.11	512,428.76	604,242.87

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH

Units: tn

11/2 9c
3:27:36 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		377.30	377.30
Coal Extract/Proc/Trans		188.99	188.99
Gas Extract/Proc/Trans		108.42	108.42
Oil Extract/Proc/Trans		79.52	79.52
Power Production		0.37	0.37
Fuel Extract/Proc/Trans--Total		1,516.28	1,516.28
Coal Extract/Proc/Trans		750.67	750.67
Gas Extract/Proc/Trans		712.12	712.12
Oil Extract/Proc/Trans		53.49	53.49
Power Prod/T&D for EVs--Total	10.15	8.81	18.96
Coal-Fired	0.03	2.10	2.13
Gas-Fired	9.99	6.11	16.10
Oil-Fired	0.13	0.60	0.73
Vehicle Manufacture--Total		7.29	7.29
EV Battery Manufacture		3.00	3.00
EV Shell Manufacture		4.30	4.30
GRAND TOTAL	10.15	1,909.68	1,919.83

Source Summary - Crosstab Report - TEMIS Units

Source: TSP

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH

Units: tn

11/27/96

3:50:43 PM

1

	In Basin	Out Of Basin	Total
Ancill, Energy/Mtrls--Total		6.95	6.95
Coal Extract/Proc/Trans		1.44	1.44
Gas Extract/Proc/Trans		0.11	0.11
Oil Extract/Proc/Trans		1.14	1.14
Power Production		4.26	4.26
Coal Extract/Proc/Trans--Total		4.16	4.16
Coal Extract/Proc/Trans		2.68	2.68
Gas Extract/Proc/Trans		1.18	1.18
Oil Extract/Proc/Trans		0.30	0.30
Power Prod/T&D for EVs--Total	13.47	66.20	79.66
Coal-Fired	0.79	41.10	41.89
Gas-Fired	8.51	5.06	13.57
Oil-Fired	4.17	20.03	24.21
Vehicle Manufacture--Total		157.92	157.92
EV Battery Manufacture		53.12	53.12
EV Shell Manufacture		104.80	104.80
GRAND TOTAL	13.47	235.23	248.70

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH

Units: tn

11/27/6

3:45:32 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		75.24	75.24
Coal Extract/Proc/Trans		3.05	3.05
Gas Extract/Proc/Trans		2.79	2.79
Oil Extract/Proc/Trans		16.42	16.42
Power Production		52.97	52.97
Fuel Extract/Proc/Trans--Total		40.89	40.89
Coal Extract/Proc/Trans		11.51	11.51
Gas Extract/Proc/Trans		27.22	27.22
Oil Extract/Proc/Trans		2.16	2.16
Power Prod/T&D for EVs--Total	7.30	834.25	841.56
Coal-Fired	23.11	452.59	475.70
Gas-Fired	0.53	0.23	0.76
Oil-Fired	-16.34	381.43	365.10
Vehicle Manufacture--Total		5,598.94	5,598.94
EV Battery Manufacture		5,196.09	5,196.09
EV Shell Manufacture		402.85	402.85
GRAND TOTAL	7.30	6,549.32	6,556.62

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH

Units: tn

11/27/96

4:03:13 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		123.00	123.00
Coal Extract/Proc/Trans		13.41	13.41
Gas Extract/Proc/Trans		30.60	30.60
Oil Extract/Proc/Trans		37.65	37.65
Power Production		41.34	41.34
Fuel Extract/Proc/Trans--Total		267.48	267.48
Coal Extract/Proc/Trans		41.19	41.19
Gas Extract/Proc/Trans		215.60	215.60
Oil Extract/Proc/Trans		10.70	10.70
Power Prod/T&D for EVs--Total	40.46	549.44	589.90
Coal-Fired	6.91	432.70	439.61
Gas-Fired	9.03	2.37	11.40
Oil-Fired	24.52	114.37	138.89
Vehicle Manufacture--Total		167.16	167.16
EV Battery Manufacture		100.69	100.69
EV Shell Manufacture		66.46	66.46
RAND TOTAL	40.46	1,107.08	1,147.54

Resource Summary - Crosstab Report - TEMIS Units
Resource: Non-Methane VOCs
Template: Master
Scenario: DE2HUCC2 : DC 2010 HIGH
Units: tn

11/27
3:52:24 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		13.71	13.71
Coal Extract/Proc/Trans		2.47	2.47
Gas Extract/Proc/Trans		6.71	6.71
Oil Extract/Proc/Trans		4.25	4.25
Power Production		0.28	0.28
Fuel Extract/Proc/Trans--Total		53.95	53.95
Coal Extract/Proc/Trans		7.03	7.03
Gas Extract/Proc/Trans		44.93	44.93
Oil Extract/Proc/Trans		1.99	1.99
Power Prod/T&D for EVs--Total	5.54	9.28	14.82
Coal-Fired	0.08	4.64	4.71
Gas-Fired	5.21	2.96	8.16
Oil-Fired	0.25	1.69	1.94
Vehicle Manufacture--Total		11.25	11.25
EV Battery Manufacture		3.47	3.47
EV Shell Manufacture		7.78	7.78
GRAND TOTAL	5.54	88.18	93.72

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		18.87	18.87
Coal Extract/Proc/Trans		4.09	4.09
Gas Extract/Proc/Trans		5.99	5.99
Oil Extract/Proc/Trans		5.89	5.89
Power Production		2.91	2.91
Oil Extract/Proc/Trans--Total		68.81	68.81
Coal Extract/Proc/Trans		25.48	25.48
Gas Extract/Proc/Trans		41.05	41.05
Oil Extract/Proc/Trans		2.28	2.28
Power Prod/T&D for EVs--Total	14.88	49.93	64.81
Coal-Fired	0.46	32.36	32.83
Gas-Fired	12.45	7.49	19.94
Oil-Fired	1.96	10.08	12.05
Vehicle Manufacture--Total		1,282.27	1,282.27
EV Battery Manufacture		334.48	334.48
EV Shell Manufacture		947.79	947.79
GRAND TOTAL	14.88	1,419.89	1,434.77

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb
Template: Master
Scenario: DE2HUCC2 : DC 2010 HIGH
Units: tn

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3:43:58 PM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.37	0.37
EV Battery Manufacture	0.00	0.31	0.31
EV Shell Manufacture	0.00	0.05	0.05
GRAND TOTAL	0.00	0.37	0.37

**Washington: Electric Vehicles, Unconstrained, Combined Cycle
(EVUCC) - Summer**

Source Summary - Crosstab Report - TEMIS Units

Source: CO2

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH-SU

Units: tn

11/27/96

5:35:01 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		8,122.32	8,122.32
Coal Extract/Proc/Trans		344.21	344.21
Gas Extract/Proc/Trans		418.88	418.88
Oil Extract/Proc/Trans		2,895.31	2,895.31
Power Production		4,463.92	4,463.92
Fuel Extract/Proc/Trans--Total		10,712.20	10,712.20
Coal Extract/Proc/Trans		116.84	116.84
Gas Extract/Proc/Trans		9,411.69	9,411.69
Oil Extract/Proc/Trans		1,183.68	1,183.68
Power Prod/T&D for EVs--Total	19,425.54	87,398.47	106,824.01
Coal-Fired	494.18	5,398.73	5,892.91
Gas-Fired	17,581.36	24,345.27	41,926.63
Oil-Fired	1,350.00	57,654.48	59,004.48
Vehicle Manufacture--Total		31,136.83	31,136.83
EV Battery Manufacture		16,654.57	16,654.57
EV Shell Manufacture		14,482.27	14,482.27
LAND TOTAL	19,425.54	137,369.83	156,795.37

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH-SU

Units: tn

11/27/2016
5:30:50 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		100.68	100.68
Coal Extract/Proc/Trans		50.06	50.06
Gas Extract/Proc/Trans		29.14	29.14
Oil Extract/Proc/Trans		21.39	21.39
Power Production		0.09	0.09
Fuel Extract/Proc/Trans--Total		312.83	312.83
Coal Extract/Proc/Trans		17.75	17.75
Gas Extract/Proc/Trans		242.55	242.55
Oil Extract/Proc/Trans		52.53	52.53
Power Prod/T&D for EVs--Total	2.29	3.86	6.15
Coal-Fired	0.00	0.05	0.05
Gas-Fired	2.26	3.13	5.39
Oil-Fired	0.02	0.68	0.71
Vehicle Manufacture--Total		1.98	1.98
EV Battery Manufacture		0.82	0.82
EV Shell Manufacture		1.16	1.16
GRAND TOTAL	2.29	419.35	421.64

Source Summary - Crosstab Report - TEMIS Units

Source: TSP

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH-SU

Units: tn

11/27/96

5:43:25 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		1.80	1.80
Coal Extract/Proc/Trans		0.38	0.38
Gas Extract/Proc/Trans		0.03	0.03
Oil Extract/Proc/Trans		0.31	0.31
Power Production		1.08	1.08
Fuel Extract/Proc/Trans--Total		1.06	1.06
Coal Extract/Proc/Trans		0.06	0.06
Gas Extract/Proc/Trans		0.70	0.70
Oil Extract/Proc/Trans		0.30	0.30
Power Prod/T&D for EVs--Total	3.00	26.59	29.58
Coal-Fired	0.12	1.29	1.41
Gas-Fired	1.88	2.61	4.50
Oil-Fired	0.99	22.68	23.68
Vehicle Manufacture--Total		42.84	42.84
EV Battery Manufacture		14.45	14.45
EV Shell Manufacture		28.39	28.39
RAND TOTAL	3.00	72.28	75.28

Resource Summary - Crosstab Report - TEMIS Units
Resource: SOx
Template: Master
Scenario: DE2HUCC2 : DC 2010 HIGH-SU
Units: tn

11/27
5:41:41

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		19.37	19.37
Coal Extract/Proc/Trans		0.81	0.81
Gas Extract/Proc/Trans		0.75	0.75
Oil Extract/Proc/Trans		4.42	4.42
Power Production		13.39	13.39
Fuel Extract/Proc/Trans--Total		17.36	17.36
Coal Extract/Proc/Trans		0.27	0.27
Gas Extract/Proc/Trans		14.97	14.97
Oil Extract/Proc/Trans		2.12	2.12
Power Prod/T&D for EVs--Total	-7.12	448.50	441.38
Coal-Fired	3.41	17.51	20.92
Gas-Fired	0.05	0.14	0.19
Oil-Fired	-10.58	430.85	420.27
Vehicle Manufacture--Total		1,541.01	1,541.01
EV Battery Manufacture		1,431.67	1,431.67
EV Shell Manufacture		109.34	109.34
GRAND TOTAL	-7.12	2,026.24	2,019.13

Source Summary - Crosstab Report - TEMIS Units

Source: NOx

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH-SU

Units: tn

11/27/96

5:38:23 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		32.36	32.36
Coal Extract/Proc/Trans		3.55	3.55
Gas Extract/Proc/Trans		8.22	8.22
Oil Extract/Proc/Trans		10.13	10.13
Power Production		10.45	10.45
Oil Extract/Proc/Trans--Total		94.29	94.29
Coal Extract/Proc/Trans		0.97	0.97
Gas Extract/Proc/Trans		82.82	82.82
Oil Extract/Proc/Trans		10.50	10.50
Power Prod/T&D for EVs--Total	7.89	146.50	154.40
Coal-Fired	0.99	14.92	15.92
Gas-Fired	0.69	1.70	2.39
Oil-Fired	6.20	129.89	136.09
Vehicle Manufacture--Total		45.25	45.25
EV Battery Manufacture		27.22	27.22
EV Shell Manufacture		18.03	18.03
RAND TOTAL	7.89	318.41	326.30

Resource Summary - Crosstab Report - TEMIS Units

Resource: Non-Methane VOCs

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH-SU

Units: tn

11/2/20
5:36:40 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		3.67	3.67
Coal Extract/Proc/Trans		0.65	0.65
Gas Extract/Proc/Trans		1.80	1.80
Oil Extract/Proc/Trans		1.14	1.14
Power Production		0.07	0.07
Fuel Extract/Proc/Trans--Total		17.98	17.98
Coal Extract/Proc/Trans		0.17	0.17
Gas Extract/Proc/Trans		15.86	15.86
Oil Extract/Proc/Trans		1.95	1.95
Power Prod/T&D for EVs--Total	1.14	3.64	4.78
Coal-Fired	0.01	0.13	0.14
Gas-Fired	1.14	1.54	2.69
Oil-Fired	-0.02	1.97	1.95
Vehicle Manufacture--Total		3.06	3.06
EV Battery Manufacture		0.94	0.94
EV Shell Manufacture		2.11	2.11
GRAND TOTAL	1.14	28.34	29.48

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: DE2HUCC2 : DC 2010 HIGH-SU

Units: tn

11/27/96

5:33:19 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		5.01	5.01
Coal Extract/Proc/Trans		1.08	1.08
Gas Extract/Proc/Trans		1.61	1.61
Oil Extract/Proc/Trans		1.58	1.58
Power Production		0.73	0.73
Fuel Extract/Proc/Trans--Total		17.90	17.90
Coal Extract/Proc/Trans		0.60	0.60
Gas Extract/Proc/Trans		15.06	15.06
Oil Extract/Proc/Trans		2.24	2.24
Power Prod/T&D for EVs--Total	2.17	16.33	18.50
Coal-Fired	0.07	0.76	0.83
Gas-Fired	1.76	3.99	5.74
Oil-Fired	0.34	11.59	11.93
Vehicle Manufacture--Total		347.76	347.76
EV Battery Manufacture		91.18	91.18
EV Shell Manufacture		256.58	256.58
RAND TOTAL	2.17	387.00	389.17

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb
Template: Master
Scenario: DE2HUCC2 : DC 2010 HIGH-SU
Units: tn

11/27
5:40:07 PM
1

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.09	0.09
EV Battery Manufacture	0.00	0.07	0.07
EV Shell Manufacture	0.00	0.01	0.01
GRAND TOTAL	0.00	0.09	0.09

**Washington: Electric Vehicles, Unconstrained Combustion Turbines
(EVUCT) - Annual**

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO2

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH

Units: tn

3/4/97

9:50:06 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		31,566.01	31,566.01
Coal Extract/Proc/Trans		1,306.35	1,306.35
Gas Extract/Proc/Trans		1,560.74	1,560.74
Oil Extract/Proc/Trans		10,708.38	10,708.38
Power Production		17,990.54	17,990.54
Fuel Extract/Proc/Trans--Total		27,143.53	27,143.53
Coal Extract/Proc/Trans		4,974.24	4,974.24
Gas Extract/Proc/Trans		9,500.50	9,500.50
Oil Extract/Proc/Trans		12,668.80	12,668.80
Power Prod/T&D for EVs--Total	129,067.97	340,461.92	469,529.90
Coal-Fired	3,292.63	245,891.92	249,184.55
Gas-Fired	93,243.39	22,042.73	115,286.12
Oil-Fired	32,531.95	72,527.28	105,059.23
Vehicle Manufacture--Total		114,806.43	114,806.43
EV Battery Manufacture		61,372.60	61,372.60
EV Shell Manufacture		53,433.83	53,433.83
RAND TOTAL	129,067.97	513,977.89	643,045.87

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH

Units: tn

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		378.06	378.06
Coal Extract/Proc/Trans		189.99	189.99
Gas Extract/Proc/Trans		108.57	108.57
Oil Extract/Proc/Trans		79.13	79.13
Power Production		0.38	0.38
Fuel Extract/Proc/Trans--Total		1,505.18	1,505.18
Coal Extract/Proc/Trans		750.70	750.70
Gas Extract/Proc/Trans		660.87	660.87
Oil Extract/Proc/Trans		93.61	93.61
Power Prod/T&D for EVs--Total	11.66	4.88	16.54
Coal-Fired	0.03	2.10	2.13
Gas-Fired	11.23	1.92	13.15
Oil-Fired	0.40	0.86	1.26
Vehicle Manufacture--Total		7.29	7.29
EV Battery Manufacture		3.00	3.00
EV Shell Manufacture		4.30	4.30
GRAND TOTAL	11.66	1,895.41	1,907.07

Resource Summary - Crosstab Report - TEMIS Units

Resource: TSP

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH

Units: tn

3/4/97

9:57:56 AM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		7.04	7.04
Coal Extract/Proc/Trans		1.45	1.45
Gas Extract/Proc/Trans		0.11	0.11
Oil Extract/Proc/Trans		1.13	1.13
Power Production		4.35	4.35
Fuel Extract/Proc/Trans--Total		4.68	4.68
Coal Extract/Proc/Trans		2.68	2.68
Gas Extract/Proc/Trans		0.67	0.67
Oil Extract/Proc/Trans		1.34	1.34
Power Prod/T&D for EVs--Total	24.12	72.05	96.17
Coal-Fired	0.79	41.10	41.89
Gas-Fired	10.02	2.41	12.43
Oil-Fired	13.31	28.54	41.85
Vehicle Manufacture--Total		157.92	157.92
EV Battery Manufacture		53.12	53.12
EV Shell Manufacture		104.80	104.80
RAND TOTAL	24.12	241.69	265.81

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH

Units: tn

3/ '9'

9:56:16 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		76.18	76.18
Coal Extract/Proc/Trans		3.07	3.07
Gas Extract/Proc/Trans		2.80	2.80
Oil Extract/Proc/Trans		16.34	16.34
Power Production		53.97	53.97
Fuel Extract/Proc/Trans--Total		47.86	47.86
Coal Extract/Proc/Trans		11.51	11.51
Gas Extract/Proc/Trans		17.02	17.02
Oil Extract/Proc/Trans		19.33	19.33
Power Prod/T&D for EVs--Total	180.97	995.81	1,176.77
Coal-Fired	23.12	452.62	475.73
Gas-Fired	0.92	0.95	1.87
Oil-Fired	156.93	542.25	699.17
Vehicle Manufacture--Total		5,598.94	5,598.94
EV Battery Manufacture		5,196.09	5,196.09
EV Shell Manufacture		402.85	402.85
GRAND TOTAL	180.97	6,718.78	6,899.74

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH

Units: tn

3/4/9

9:52:54 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		123.71	123.71
Coal Extract/Proc/Trans		13.49	13.49
Gas Extract/Proc/Trans		30.64	30.64
Oil Extract/Proc/Trans		37.47	37.47
Power Production		42.12	42.12
Fuel Extract/Proc/Trans--Total		272.02	272.02
Coal Extract/Proc/Trans		41.19	41.19
Gas Extract/Proc/Trans		186.50	186.50
Oil Extract/Proc/Trans		44.33	44.33
Power Prod/T&D for EVs--Total	100.60	621.70	722.29
Coal-Fired	6.91	432.72	439.63
Gas-Fired	16.76	25.60	42.36
Oil-Fired	76.93	163.37	240.30
Vehicle Manufacture--Total		167.16	167.16
EV Battery Manufacture		100.69	100.69
EV Shell Manufacture		66.46	66.46
RAND TOTAL	100.60	1,184.58	1,285.18

Resource Summary - Crosstab Report - TEMIS Units

Resource: Non-Methane VOCs

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH

Units: tn

3/4 7

9:59:35 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		13.71	13.71
Coal Extract/Proc/Trans		2.49	2.49
Gas Extract/Proc/Trans		6.72	6.72
Oil Extract/Proc/Trans		4.22	4.22
Power Production		0.29	0.29
Fuel Extract/Proc/Trans--Total		52.92	52.92
Coal Extract/Proc/Trans		7.03	7.03
Gas Extract/Proc/Trans		40.89	40.89
Oil Extract/Proc/Trans		5.00	5.00
Power Prod/T&D for EVs--Total	7.29	9.36	16.65
Coal-Fired	0.08	4.64	4.72
Gas-Fired	6.15	2.25	8.40
Oil-Fired	1.06	2.47	3.53
Vehicle Manufacture--Total		11.25	11.25
EV Battery Manufacture		3.47	3.47
EV Shell Manufacture		7.78	7.78
GRAND TOTAL	7.29	87.24	94.53

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH

Units: tn

5/15/97

5:09:58 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		18.93	18.93
Coal Extract/Proc/Trans		4.11	4.11
Gas Extract/Proc/Trans		6.00	6.00
Oil Extract/Proc/Trans		5.86	5.86
Power Production		2.96	2.96
Fuel Extract/Proc/Trans--Total		68.95	68.95
Coal Extract/Proc/Trans		25.48	25.48
Gas Extract/Proc/Trans		36.54	36.54
Oil Extract/Proc/Trans		6.93	6.93
Power Prod/T&D for EVs--Total	26.97	56.24	83.22
Coal-Fired	0.46	32.36	32.83
Gas-Fired	19.84	9.33	29.16
Oil-Fired	6.67	14.55	21.23
Vehicle Manufacture--Total		1,282.27	1,282.27
EV Battery Manufacture		334.48	334.48
EV Shell Manufacture		947.79	947.79
RAND TOTAL	26.97	1,426.40	1,453.37

Resource Summary - Crosstab Report - TEMIS Units**Resource:** Pb**Template:** Master**Scenario:** DE2HUCT2 : DC 2010 HIGH**Units:** tn

5/1 9

5:12:44 PM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.37	0.37
EV Battery Manufacture	0.00	0.31	0.31
EV Shell Manufacture	0.00	0.05	0.05
GRAND TOTAL	0.00	0.37	0.37

**Washington: Electric Vehicles, Unconstrained Combustion Turbines
(EVUCT) - Summer**

Resource: CO2

2:21:25 PM

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH-SU

Units: tn

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		8,265.21	8,265.21
Coal Extract/Proc/Trans		346.49	346.49
Gas Extract/Proc/Trans		420.49	420.49
Oil Extract/Proc/Trans		2,922.79	2,922.79
Power Production		4,575.43	4,575.43
Fuel Extract/Proc/Trans--Total		12,464.93	12,464.93
Coal Extract/Proc/Trans		116.92	116.92
Gas Extract/Proc/Trans		3,731.72	3,731.72
Oil Extract/Proc/Trans		8,616.30	8,616.30
Power Prod/T&D for EVs--Total	43,369.77	78,251.72	121,621.49
Coal-Fired	494.48	5,402.50	5,896.99
Gas-Fired	29,198.92	15,046.68	44,245.60
Oil-Fired	13,676.37	57,802.53	71,478.90
Vehicle Manufacture--Total		31,136.83	31,136.83
EV Battery Manufacture		16,654.57	16,654.57
EV Shell Manufacture		14,482.27	14,482.27
RAND TOTAL	43,369.77	130,118.69	173,488.46

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH-SU

Units: tn

3/1/07
2:12:21 AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		101.33	101.33
Coal Extract/Proc/Trans		50.39	50.39
Gas Extract/Proc/Trans		29.25	29.25
Oil Extract/Proc/Trans		21.60	21.60
Power Production		0.10	0.10
Fuel Extract/Proc/Trans--Total		341.02	341.02
Coal Extract/Proc/Trans		17.77	17.77
Gas Extract/Proc/Trans		259.58	259.58
Oil Extract/Proc/Trans		63.67	63.67
Power Prod/T&D for EVs--Total	3.45	2.03	5.48
Coal-Fired	0.00	0.05	0.05
Gas-Fired	3.28	1.30	4.58
Oil-Fired	0.17	0.68	0.85
Vehicle Manufacture--Total		1.98	1.98
EV Battery Manufacture		0.82	0.82
EV Shell Manufacture		1.16	1.16
GRAND TOTAL	3.45	446.36	449.82

Resource Summary - Crosstab Report - TEMIS Units

Resource: TSP

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH-SU

Units: tn

3/3/9

2:27:58 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		1.83	1.83
Coal Extract/Proc/Trans		0.38	0.38
Gas Extract/Proc/Trans		0.03	0.03
Oil Extract/Proc/Trans		0.31	0.31
Power Production		1.11	1.11
Fuel Extract/Proc/Trans--Total		1.24	1.24
Coal Extract/Proc/Trans		0.06	0.06
Gas Extract/Proc/Trans		0.26	0.26
Oil Extract/Proc/Trans		0.91	0.91
Power Prod/T&D for EVs--Total	9.10	25.66	34.76
Coal-Fired	0.12	1.29	1.41
Gas-Fired	3.14	1.64	4.79
Oil-Fired	5.84	22.73	28.56
Vehicle Manufacture--Total		42.84	42.84
EV Battery Manufacture		14.45	14.45
EV Shell Manufacture		28.39	28.39
GRAND TOTAL	9.10	71.57	80.66

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH-SU

Units: tn

3/3/17

2:25:50 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		19.75	19.75
Coal Extract/Proc/Trans		0.81	0.81
Gas Extract/Proc/Trans		0.75	0.75
Oil Extract/Proc/Trans		4.46	4.46
Power Production		13.73	13.73
Fuel Extract/Proc/Trans--Total		20.10	20.10
Coal Extract/Proc/Trans		0.27	0.27
Gas Extract/Proc/Trans		6.69	6.69
Oil Extract/Proc/Trans		13.15	13.15
Power Prod/T&D for EVs--Total	85.05	449.44	534.49
Coal-Fired	3.41	17.52	20.94
Gas-Fired	0.36	0.65	1.01
Oil-Fired	81.28	431.27	512.54
Vehicle Manufacture--Total		1,541.01	1,541.01
EV Battery Manufacture		1,431.67	1,431.67
EV Shell Manufacture		109.34	109.34
GRAND TOTAL	85.05	2,030.31	2,115.36

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH-SU

Units: tn

3/ 3/9

2:23:56 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		32.77	32.77
Coal Extract/Proc/Trans		3.58	3.58
Gas Extract/Proc/Trans		8.25	8.25
Oil Extract/Proc/Trans		10.23	10.23
Power Production		10.71	10.71
Fuel Extract/Proc/Trans--Total		104.38	104.38
Coal Extract/Proc/Trans		0.97	0.97
Gas Extract/Proc/Trans		73.26	73.26
Oil Extract/Proc/Trans		30.15	30.15
Power Prod/T&D for EVs--Total	41.63	162.80	204.43
Coal-Fired	1.00	14.93	15.93
Gas-Fired	6.64	17.58	24.22
Oil-Fired	34.00	130.28	164.28
Vehicle Manufacture--Total		45.25	45.25
EV Battery Manufacture		27.22	27.22
EV Shell Manufacture		18.03	18.03
RAND TOTAL	41.63	345.20	386.83

Resource Summary - Crosstab Report - TEMIS Units

Resource: Non-Methane VOCs

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH-SU

Units: tn

3/9
2:31:02 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		3.70	3.70
Coal Extract/Proc/Trans		0.66	0.66
Gas Extract/Proc/Trans		1.81	1.81
Oil Extract/Proc/Trans		1.15	1.15
Power Production		0.07	0.07
Fuel Extract/Proc/Trans--Total		19.63	19.63
Coal Extract/Proc/Trans		0.17	0.17
Gas Extract/Proc/Trans		16.06	16.06
Oil Extract/Proc/Trans		3.40	3.40
Power Prod/T&D for EVs--Total	2.35	3.67	6.02
Coal-Fired	0.01	0.13	0.14
Gas-Fired	1.92	1.55	3.47
Oil-Fired	0.41	2.00	2.41
Vehicle Manufacture--Total		3.06	3.06
EV Battery Manufacture		0.94	0.94
EV Shell Manufacture		2.11	2.11
GRAND TOTAL	2.35	30.05	32.39

Resource Summary - Crosstab Report - TEMIS Units

3/3/97
2:17:53 PM

Resource: CO

Template: Master

Scenario: DE2HUCT2 : DC 2010 HIGH-SU

Units: tn

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		5.06	5.06
Coal Extract/Proc/Trans		1.09	1.09
Gas Extract/Proc/Trans		1.62	1.62
Oil Extract/Proc/Trans		1.60	1.60
Power Production		0.75	0.75
Fuel Extract/Proc/Trans--Total		19.66	19.66
Coal Extract/Proc/Trans		0.60	0.60
Gas Extract/Proc/Trans		14.35	14.35
Oil Extract/Proc/Trans		4.71	4.71
Power Prod/T&D for EVs--Total	10.41	18.85	29.26
Coal-Fired	0.07	0.76	0.83
Gas-Fired	7.50	6.42	13.92
Oil-Fired	2.84	11.67	14.51
Vehicle Manufacture--Total		347.76	347.76
EV Battery Manufacture		91.18	91.18
EV Shell Manufacture		256.58	256.58
RAND TOTAL	10.41	391.33	401.74

Resource Summary - Crosstab Report - TEMIS Units**Resource:** Pb**Template:** Master**Scenario:** DE2HUCT2 : DC 2010 HIGH-SU**Units:** tn

5/1/07

5:14:41 AM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.09	0.09
EV Battery Manufacture	0.00	0.07	0.07
EV Shell Manufacture	0.00	0.01	0.01
GRAND TOTAL	0.00	0.09	0.09

**Washington: Electric Vehicles, Off-Peak, Combined Cycle
(EVOCC) - Summer**

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		8,192.32	8,192.32
Coal Extract/Proc/Trans		346.21	346.21
Gas Extract/Proc/Trans		419.21	419.21
Oil Extract/Proc/Trans		2,865.00	2,865.00
Power Production		4,561.89	4,561.89
Oil Extract/Proc/Trans--Total		11,885.56	11,885.56
Coal Extract/Proc/Trans		134.21	134.21
Gas Extract/Proc/Trans		10,309.66	10,309.66
Oil Extract/Proc/Trans		1,441.69	1,441.69
Power Prod/T&D for EVs--Total	33,769.53	81,096.27	114,865.80
Coal-Fired	648.81	6,165.41	6,814.22
Gas-Fired	21,949.14	14,574.45	36,523.59
Oil-Fired	11,171.58	60,356.41	71,527.99
Vehicle Manufacture--Total		31,136.83	31,136.83
EV Battery Manufacture		16,654.57	16,654.57
EV Shell Manufacture		14,482.27	14,482.27
LAND TOTAL	33,769.53	132,310.99	166,080.52

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: DESHOCC2 : DC 2010 HIGH-SU

Units: tn

11/27/06

6:05:19 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		100.78	100.78
Coal Extract/Proc/Trans		50.35	50.35
Gas Extract/Proc/Trans		29.16	29.16
Oil Extract/Proc/Trans		21.17	21.17
Power Production		0.10	0.10
Fuel Extract/Proc/Trans--Total		299.68	299.68
Coal Extract/Proc/Trans		20.53	20.53
Gas Extract/Proc/Trans		215.18	215.18
Oil Extract/Proc/Trans		63.98	63.98
Power Prod/T&D for EVs--Total	2.84	2.59	5.43
Coal-Fired	0.01	0.05	0.06
Gas-Fired	2.70	1.83	4.52
Oil-Fired	0.14	0.72	0.85
Vehicle Manufacture--Total		1.98	1.98
EV Battery Manufacture		0.82	0.82
EV Shell Manufacture		1.16	1.16
GRAND TOTAL	2.84	405.03	407.87

Resource Summary - Crosstab Report - TEMIS Units

Source: TSP

Template: Master

Scenario: DESHOCC2 : DC 2010 HIGH-SU

Units: tn

11/27/96
6:17:37 PM

	In Basin	Out Of Basin	Total
Facill. Energy/Mtrls--Total		1.82	1.82
Coal Extract/Proc/Trans		0.38	0.38
Gas Extract/Proc/Trans		0.03	0.03
Oil Extract/Proc/Trans		0.30	0.30
Power Production		1.10	1.10
Fuel Extract/Proc/Trans--Total		1.20	1.20
Coal Extract/Proc/Trans		0.07	0.07
Gas Extract/Proc/Trans		0.77	0.77
Oil Extract/Proc/Trans		0.36	0.36
Power Prod/T&D for EVs--Total	6.43	26.77	33.20
Coal-Fired	0.16	1.48	1.63
Gas-Fired	2.36	1.57	3.93
Oil-Fired	3.92	23.73	27.64
Vehicle Manufacture--Total		42.84	42.84
EV Battery Manufacture		14.45	14.45
EV Shell Manufacture		28.39	28.39
AND TOTAL	6.43	72.63	79.06

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: DESHOCC2 : DC 2010 HIGH-SU

Units: tn

11/2 '96
6:16:00 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		19.62	19.62
Coal Extract/Proc/Trans		0.81	0.81
Gas Extract/Proc/Trans		0.75	0.75
Oil Extract/Proc/Trans		4.37	4.37
Power Production		13.69	13.69
Fuel Extract/Proc/Trans--Total		19.06	19.06
Coal Extract/Proc/Trans		0.31	0.31
Gas Extract/Proc/Trans		16.17	16.17
Oil Extract/Proc/Trans		2.59	2.59
Power Prod/T&D for EVs--Total	23.15	470.25	493.40
Coal-Fired	4.41	20.00	24.41
Gas-Fired	0.25	0.11	0.36
Oil-Fired	18.49	450.14	468.63
Vehicle Manufacture--Total		1,541.01	1,541.01
EV Battery Manufacture		1,431.67	1,431.67
EV Shell Manufacture		109.34	109.34
GRAND TOTAL	23.15	2,049.95	2,073.10

Source Summary - Crosstab Report - TEMIS Units

11/27/96
6:12:48 PM

Source: NOx

Template: Master

Scenario: DESHOCC2 : DC 2010 HIGH-SU

Units: tn

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		32.51	32.51
Coal Extract/Proc/Trans		3.57	3.57
Gas Extract/Proc/Trans		8.23	8.23
Oil Extract/Proc/Trans		10.02	10.02
Power Production		10.68	10.68
Oil Extract/Proc/Trans--Total		92.14	92.14
Coal Extract/Proc/Trans		1.12	1.12
Gas Extract/Proc/Trans		78.23	78.23
Oil Extract/Proc/Trans		12.79	12.79
Power Prod/T&D for EVs--Total	27.88	155.09	182.97
Coal-Fired	1.26	17.00	18.26
Gas-Fired	4.56	2.03	6.59
Oil-Fired	22.05	136.06	158.11
Vehicle Manufacture--Total		45.25	45.25
EV Battery Manufacture		27.22	27.22
EV Shell Manufacture		18.03	18.03
C AND TOTAL	27.88	324.98	352.86

Resource Summary - Crosstab Report - TEMIS Units

Resource: Non-Methane VOCs

Template: Master

Scenario: DESHOCC2 : DC 2010 HIGH-SU

Units: tn

11/2 9
6:11:12-AM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		3.67	3.67
Coal Extract/Proc/Trans		0.66	0.66
Gas Extract/Proc/Trans		1.80	1.80
Oil Extract/Proc/Trans		1.13	1.13
Power Production		0.07	0.07
Fuel Extract/Proc/Trans--Total		16.92	16.92
Coal Extract/Proc/Trans		0.19	0.19
Gas Extract/Proc/Trans		14.35	14.35
Oil Extract/Proc/Trans		2.38	2.38
Power Prod/T&D for EVs--Total	1.93	3.19	5.13
Coal-Fired	0.02	0.14	0.16
Gas-Fired	1.45	0.96	2.41
Oil-Fired	0.47	2.09	2.56
Vehicle Manufacture--Total		3.06	3.06
EV Battery Manufacture		0.94	0.94
EV Shell Manufacture		2.11	2.11
GRAND TOTAL	1.93	26.83	28.77

Source: CO

Template: Master

Scenario: DESHOCC2 : DC 2010 HIGH-SU

Units: tn

	In Basin	Out Of Basin	Total
Facill, Energy/Mtrls--Total		5.02	5.02
Coal Extract/Proc/Trans		1.09	1.09
Gas Extract/Proc/Trans		1.61	1.61
Oil Extract/Proc/Trans		1.57	1.57
Power Production		0.75	0.75
Fuel Extract/Proc/Trans--Total		17.32	17.32
Coal Extract/Proc/Trans		0.69	0.69
Gas Extract/Proc/Trans		13.91	13.91
Oil Extract/Proc/Trans		2.73	2.73
Power Prod/T&D for EVs--Total	7.46	15.68	23.15
Coal-Fired	0.09	0.87	0.96
Gas-Fired	5.14	2.61	7.75
Oil-Fired	2.23	12.20	14.44
Vehicle Manufacture--Total		347.76	347.76
EV Battery Manufacture		91.18	91.18
EV Shell Manufacture		256.58	256.58
LAND TOTAL	7.46	385.78	393.25

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: DESHOCC2 : DC 2010 HIGH-SU

Units: tn

11/2 90

6:13:51 AM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.09	0.09
EV Battery Manufacture	0.00	0.07	0.07
EV Shell Manufacture	0.00	0.01	0.01
GRAND TOTAL	0.00	0.09	0.09

**Washington: Electric Vehicles, Off-Peak, Combustion Turbines
(EVOCT) - Summer**

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO2

Template: Master

Scenario: DESHOCT2 : DC 2010 HIGH-SU

Units: tn

3/3/97

2:50:03 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		8,274.54	8,274.54
Coal Extract/Proc/Trans		347.77	347.77
Gas Extract/Proc/Trans		420.01	420.01
Oil Extract/Proc/Trans		2,868.90	2,868.90
Power Production		4,637.86	4,637.86
Fuel Extract/Proc/Trans--Total		13,019.03	13,019.03
Coal Extract/Proc/Trans		134.21	134.21
Gas Extract/Proc/Trans		3,098.44	3,098.44
Oil Extract/Proc/Trans		9,786.37	9,786.37
Power Prod/T&D for EVs--Total	44,349.28	79,413.30	123,762.59
Coal-Fired	648.81	6,165.41	6,814.22
Gas-Fired	23,187.44	12,891.48	36,078.92
Oil-Fired	20,513.04	60,356.41	80,869.45
Vehicle Manufacture--Total		31,136.83	31,136.83
EV Battery Manufacture		16,654.57	16,654.57
EV Shell Manufacture		14,482.27	14,482.27
RAND TOTAL	44,349.28	131,843.71	176,192.99

Resource Summary - Crosstab Report - TEMIS Units

Resource: CH4

Template: Master

Scenario: DESHOCT2 : DC 2010 HIGH-SU

Units: tn

3/ 9'

2:42:35 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		101.09	101.09
Coal Extract/Proc/Trans		50.58	50.58
Gas Extract/Proc/Trans		29.22	29.22
Oil Extract/Proc/Trans		21.20	21.20
Power Production		0.10	0.10
Fuel Extract/Proc/Trans--Total		308.38	308.38
Coal Extract/Proc/Trans		20.53	20.53
Gas Extract/Proc/Trans		215.53	215.53
Oil Extract/Proc/Trans		72.32	72.32
Power Prod/T&D for EVs--Total	3.06	1.88	4.93
Coal-Fired	0.01	0.05	0.06
Gas-Fired	2.81	1.11	3.91
Oil-Fired	0.25	0.72	0.96
Vehicle Manufacture--Total		1.98	1.98
EV Battery Manufacture		0.82	0.82
EV Shell Manufacture		1.16	1.16
GRAND TOTAL	3.06	413.32	416.38

Resource Summary - Crosstab Report - TEMIS Units

Resource: TSP

Template: Master

Scenario: DESHOCT2 : DC 2010 HIGH-SU

Units: tn

3/3/97

3:09:08 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		1.84	1.84
Coal Extract/Proc/Trans		0.39	0.39
Gas Extract/Proc/Trans		0.03	0.03
Oil Extract/Proc/Trans		0.30	0.30
Power Production		1.12	1.12
Fuel Extract/Proc/Trans--Total		1.32	1.32
Coal Extract/Proc/Trans		0.07	0.07
Gas Extract/Proc/Trans		0.22	0.22
Oil Extract/Proc/Trans		1.03	1.03
Power Prod/T&D for EVs--Total	10.24	26.61	36.85
Coal-Fired	0.16	1.48	1.63
Gas-Fired	2.49	1.41	3.90
Oil-Fired	7.59	23.73	31.31
Vehicle Manufacture--Total		42.84	42.84
EV Battery Manufacture		14.45	14.45
EV Shell Manufacture		28.39	28.39
RAND TOTAL	10.24	72.61	82.85

Resource Summary - Crosstab Report - TEMIS Units

Resource: SOx

Template: Master

Scenario: DESHOCT2 : DC 2010 HIGH-SU

Units: tn

3/3

3:06:00

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		19.86	19.86
Coal Extract/Proc/Trans		0.82	0.82
Gas Extract/Proc/Trans		0.75	0.75
Oil Extract/Proc/Trans		4.38	4.38
Power Production		13.91	13.91
Fuel Extract/Proc/Trans--Total		20.79	20.79
Coal Extract/Proc/Trans		0.31	0.31
Gas Extract/Proc/Trans		5.55	5.55
Oil Extract/Proc/Trans		14.93	14.93
Power Prod/T&D for EVs--Total	92.84	470.69	563.53
Coal-Fired	4.41	20.00	24.41
Gas-Fired	0.28	0.55	0.83
Oil-Fired	88.15	450.14	538.29
Vehicle Manufacture--Total		1,541.01	1,541.01
EV Battery Manufacture		1,431.67	1,431.67
EV Shell Manufacture		109.34	109.34
GRAND TOTAL	92.84	2,052.36	2,145.19

Resource Summary - Crosstab Report - TEMIS Units

Resource: NOx

Template: Master

Scenario: DESHOCT2 : DC 2010 HIGH-SU

Units: tn

3/3/9

2:52:06 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		32.73	32.73
Coal Extract/Proc/Trans		3.59	3.59
Gas Extract/Proc/Trans		8.25	8.25
Oil Extract/Proc/Trans		10.04	10.04
Power Production		10.86	10.86
Fuel Extract/Proc/Trans--Total		96.18	96.18
Coal Extract/Proc/Trans		1.12	1.12
Gas Extract/Proc/Trans		60.82	60.82
Oil Extract/Proc/Trans		34.24	34.24
Power Prod/T&D for EVs--Total	49.56	168.04	217.61
Coal-Fired	1.26	17.00	18.26
Gas-Fired	5.19	14.99	20.18
Oil-Fired	43.11	136.06	179.17
Vehicle Manufacture--Total		45.25	45.25
EV Battery Manufacture		27.22	27.22
EV Shell Manufacture		18.03	18.03
GRAND TOTAL	49.56	342.21	391.78

Resource Summary - Crosstab Report - TEMIS Units

Resource: Non-Methane VOCs

Template: Master

Scenario: DESHOCT2 : DC 2010 HIGH-SU

Units: tn

3/1/17

3:11:31 PM

1

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		3.68	3.68
Coal Extract/Proc/Trans		0.66	0.66
Gas Extract/Proc/Trans		1.81	1.81
Oil Extract/Proc/Trans		1.13	1.13
Power Production		0.07	0.07
Fuel Extract/Proc/Trans--Total		17.39	17.39
Coal Extract/Proc/Trans		0.19	0.19
Gas Extract/Proc/Trans		13.34	13.34
Oil Extract/Proc/Trans		3.86	3.86
Power Prod/T&D for EVs--Total	2.34	3.55	5.90
Coal-Fired	0.02	0.14	0.16
Gas-Fired	1.54	1.32	2.85
Oil-Fired	0.79	2.09	2.88
Vehicle Manufacture--Total		3.06	3.06
EV Battery Manufacture		0.94	0.94
EV Shell Manufacture		2.11	2.11
GRAND TOTAL	2.34	27.67	30.01

Resource Summary - Crosstab Report - TEMIS Units

Resource: CO

Template: Master

Scenario: DESHOCT2 : DC 2010 HIGH-SU

Units: tn

3/ 3/9

2:46:08 PM

	In Basin	Out Of Basin	Total
Ancill. Energy/Mtrls--Total		5.04	5.04
Coal Extract/Proc/Trans		1.09	1.09
Gas Extract/Proc/Trans		1.62	1.62
Oil Extract/Proc/Trans		1.57	1.57
Power Production		0.76	0.76
Fuel Extract/Proc/Trans--Total		17.96	17.96
Coal Extract/Proc/Trans		0.69	0.69
Gas Extract/Proc/Trans		11.92	11.92
Oil Extract/Proc/Trans		5.35	5.35
Power Prod/T&D for EVs--Total	9.97	18.53	28.50
Coal-Fired	0.09	0.87	0.96
Gas-Fired	5.75	5.46	11.21
Oil-Fired	4.12	12.20	16.33
Vehicle Manufacture--Total		347.76	347.76
EV Battery Manufacture		91.18	91.18
EV Shell Manufacture		256.58	256.58
RAND TOTAL	9.97	389.29	399.26

Resource Summary - Crosstab Report - TEMIS Units

Resource: Pb

Template: Master

Scenario: DESHOCT2 : DC 2010 HIGH-SU

Units: in

5/2/97

11:39:42 AM

	In Basin	Out Of Basin	Total
Vehicle Manufacture--Total	0.00	0.09	0.09
EV Battery Manufacture	0.00	0.07	0.07
EV Shell Manufacture	0.00	0.01	0.01
GRAND TOTAL	0.00	0.09	0.09