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Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: C:\My Documents\De Novo Planning Group\Projects\ENV 007 - Shasta Cogen EIR\shastacogen_revised_urbemis.urb924

Project Name: Shasta Co-generation Power Plant Project

Project Location: California State-wide

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:											
CONSTRUCTION EMISSION ESTIMATES											
	ROG	NOx	<u>CO</u>	<u>SO2</u>	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust PM2	2.5 Exhaust	PM2.5	<u>CO2</u>
2012 TOTALS (lbs/day unmitigated)	4.14	37.39	20.47	0.02	73.93	1.77	75.69	15.45	1.62	17.07	4,920.60
2012 TOTALS (lbs/day mitigated)	4.14	37.39	20.47	0.02	16.82	1.77	18.59	3.52	1.62	5.15	4,920.60
AREA SOURCE EMISSION ESTIMATES											
		ROG	NOx	<u>CO</u>	<u>SO2</u>	PM10	PM2.5	<u>CO2</u>			
TOTALS (lbs/day, unmitigated)		0.12	0.02	1.55	0.00	0.01	0.01	2.81			
TOTALS (lbs/day, mitigated)		0.12	0.02	1.55	0.00	0.01	0.01	2.81			
Percent Reduction		0.00	0.00	0.00	########	0.00	0.00	0.00			
OPERATIONAL (VEHICLE) EMISSION ESTIMATE	S										
		ROG	NOx	<u>CO</u>	<u>SO2</u>	PM10	PM2.5	<u>CO2</u>			
TOTALS (lbs/day, unmitigated)		0.63	8.24	3.90	0.01	1.02	0.43	1,272.86			
SUM OF AREA SOURCE AND OPERATIONAL EN	ISSION ESTIMATES	;									
		ROG	NOx	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	PM2.5	<u>CO2</u>			
TOTALS (lbs/day, unmitigated)		0.75	8.26	5.45	0.01	1.03	0.44	1,275.67			
Both Area and Operational Mitigation must be turned	ed on to get a combin	ed mitigated total.									
Construction Unmitigated Detail Report:											
CONSTRUCTION EMISSION ESTIMATES Summ	er Pounds Per Day, U	nmitigated									
	ROG	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	PM10 Dust	PM10 Exhaust	<u>PM10</u>	PM2.5 Dust	PM2.5 Exhaust	PM2.5	<u>CO2</u>

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Time Slice 6/1/2012-6/15/2012 Active	1.02	6.84	5.96	0.00	0.01	0.50	0.51	0.00	0.46	0.46	864.05
Davs: 11 Demolition 06/01/2012-06/15/2012	1.02	6.84	5.96	0.00	0.01	0.50	0.51	0.00	0.46	0.46	864.05
Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Off Road Diesel	0.98	6.77	4.49	0.00	0.00	0.49	0.49	0.00	0.45	0.45	700.30
Demo On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Worker Trips	0.04	0.07	1.47	0.00	0.01	0.00	0.01	0.00	0.00	0.01	163.75
Time Slice 6/18/2012-7/16/2012 Active	<u>4.14</u>	<u>37.39</u>	<u>20.47</u>	<u>0.02</u>	<u>73.93</u>	<u>1.77</u>	75.69	<u>15.45</u>	<u>1.62</u>	<u>17.07</u>	4,920.60
Davs: 21 Mass Grading 06/16/2012-07/16/2012	4.14	37.39	20.47	0.02	73.93	1.77	75.69	15.45	1.62	17.07	4,920.60
Mass Grading Dust	0.00	0.00	0.00	0.00	73.85	0.00	73.85	15.42	0.00	15.42	0.00
Mass Grading Off Road Diesel	3.31	26.64	14.77	0.00	0.00	1.34	1.34	0.00	1.23	1.23	2,794.41
Mass Grading On Road Diesel	0.77	10.67	3.86	0.02	0.07	0.42	0.49	0.02	0.38	0.41	1,921.50
Mass Grading Worker Trips	0.05	0.09	1.83	0.00	0.01	0.01	0.01	0.00	0.00	0.01	204.69
Time Slice 7/17/2012-7/30/2012 Active	2.73	22.02	12.98	0.00	23.81	1.08	24.88	4.97	0.99	5.96	2,411.07
Davs: 10 Fine Grading 07/17/2012-07/30/2012	2.73	22.02	12.98	0.00	23.81	1.08	24.88	4.97	0.99	5.96	2,411.07
Fine Grading Dust	0.00	0.00	0.00	0.00	23.80	0.00	23.80	4.97	0.00	4.97	0.00
Fine Grading Off Road Diesel	2.69	21.95	11.51	0.00	0.00	1.07	1.07	0.00	0.99	0.99	2,247.32
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.07	1.47	0.00	0.01	0.00	0.01	0.00	0.00	0.01	163.75
Time Slice 8/1/2012-8/8/2012 Active	1.84	15.31	9.48	0.00	0.01	0.74	0.74	0.00	0.68	0.68	1,878.39
Davs: 6 Trenching 08/01/2012-08/08/2012	1.84	15.31	9.48	0.00	0.01	0.74	0.74	0.00	0.68	0.68	1,878.39
Trenching Off Road Diesel	1.80	15.24	8.01	0.00	0.00	0.73	0.73	0.00	0.67	0.67	1,714.64
Trenching Worker Trips	0.04	0.07	1.47	0.00	0.01	0.00	0.01	0.00	0.00	0.01	163.75
Time Slice 8/9/2012-10/9/2012 Active	3.14	14.81	10.52	0.00	0.00	1.04	1.04	0.00	0.95	0.95	1,621.20
Davs: 44 Building 08/09/2012-10/09/2012	3.14	14.81	10.52	0.00	0.00	1.04	1.04	0.00	0.95	0.95	1,621.20
Building Off Road Diesel	3.14	14.81	10.52	0.00	0.00	1.04	1.04	0.00	0.95	0.95	1,621.20
Building Vendor Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 10/10/2012-10/16/2012 Active	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Davs: 5 Coating 10/10/2012-10/16/2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Phase Assumptions

Phase: Demolition 6/1/2012 - 6/15/2012 - Demolition and site prep

Building Volume Total (cubic feet): 0

Building Volume Daily (cubic feet): 0

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Concrete/Industrial Saws (10 hp) operating at a 0.73 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 6 hours per day

Phase: Fine Grading 7/17/2012 - 7/30/2012 - Fine site grading

Total Acres Disturbed: 4.75

Maximum Daily Acreage Disturbed: 1.19

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 6 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 6/16/2012 - 7/16/2012 - Mass site grading Total Acres Disturbed: 4.75 Maximum Daily Acreage Disturbed: 1.19 Fugitive Dust Level of Detail: Low Onsite Cut/Fill: 525 cubic yards/day; Offsite Cut/Fill: 0 cubic yards/day On Road Truck Travel (VMT): 477.27 Off-Road Equipment: 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 6 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

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1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 8/1/2012 - 8/8/2012 - Trenching

Off-Road Equipment:

2 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Other General Industrial Equipment (238 hp) operating at a 0.51 load factor for 8 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 0 hours per day

Phase: Building Construction 8/9/2012 - 10/9/2012 - Building construction Off-Road Equipment:

1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day

2 Forklifts (145 hp) operating at a 0.3 load factor for 6 hours per day

1 Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day

1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day

3 Welders (45 hp) operating at a 0.45 load factor for 8 hours per day

Phase: Architectural Coating 10/10/2012 - 10/16/2012 - coating Rule: Residential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250 Rule: Residential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250 Rule: Nonresidential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250 Rule: Nonresidential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Construction Mitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Mitigated

	ROG	NOx	<u>co</u>	<u>SO2</u>	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	<u>CO2</u>
Time Slice 6/1/2012-6/15/2012 Active	1.02	4.96	5.96	0.00	0.01	0.04	0.05	0.00	0.04	0.04	864.05
Davs: 11 Demolition 06/01/2012-06/15/2012	1.02	4.96	5.96	0.00	0.01	0.04	0.05	0.00	0.04	0.04	864.05
Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Off Road Diesel	0.98	4.89	4.49	0.00	0.00	0.04	0.04	0.00	0.03	0.03	700.30
Demo On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Worker Trips	0.04	0.07	1.47	0.00	0.01	0.00	0.01	0.00	0.00	0.01	163.75
Time Slice 6/18/2012-7/16/2012 Active	<u>4.14</u>	<u>37.39</u>	<u>20.47</u>	0.02	<u>16.82</u>	<u>1.77</u>	<u>18.59</u>	<u>3.52</u>	<u>1.62</u>	<u>5.15</u>	4,920.60
Davs: 21 Mass Grading 06/16/2012-07/16/2012	4.14	37.39	20.47	0.02	16.82	1.77	18.59	3.52	1.62	5.15	4,920.60

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Mass Grading Dust	0.00	0.00	0.00	0.00	16.75	0.00	16.75	3.50	0.00	3.50	0.00
Mass Grading Off Road Diesel	3.31	26.64	14.77	0.00	0.00	1.34	1.34	0.00	1.23	1.23	2,794.41
Mass Grading On Road Diesel	0.77	10.67	3.86	0.02	0.07	0.42	0.49	0.02	0.38	0.41	1,921.50
Mass Grading Worker Trips	0.05	0.09	1.83	0.00	0.01	0.01	0.01	0.00	0.00	0.01	204.69
Time Slice 7/17/2012-7/30/2012 Active	2.73	22.02	12.98	0.00	5.40	1.08	6.48	1.13	0.99	2.12	2,411.07
Davs: 10 Fine Grading 07/17/2012-07/30/2012	2.73	22.02	12.98	0.00	5.40	1.08	6.48	1.13	0.99	2.12	2,411.07
Fine Grading Dust	0.00	0.00	0.00	0.00	5.40	0.00	5.40	1.13	0.00	1.13	0.00
Fine Grading Off Road Diesel	2.69	21.95	11.51	0.00	0.00	1.07	1.07	0.00	0.99	0.99	2,247.32
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.04	0.07	1.47	0.00	0.01	0.00	0.01	0.00	0.00	0.01	163.75
Time Slice 8/1/2012-8/8/2012 Active	1.84	11.08	9.48	0.00	0.01	0.06	0.07	0.00	0.05	0.06	1,878.39
Days: 6 Trenching 08/01/2012-08/08/2012	1.84	11.08	9.48	0.00	0.01	0.06	0.07	0.00	0.05	0.06	1,878.39
Trenching Off Road Diesel	1.80	11.01	8.01	0.00	0.00	0.05	0.05	0.00	0.05	0.05	1,714.64
Trenching Worker Trips	0.04	0.07	1.47	0.00	0.01	0.00	0.01	0.00	0.00	0.01	163.75
Time Slice 8/9/2012-10/9/2012 Active	3.14	10.70	10.52	0.00	0.00	0.08	0.08	0.00	0.07	0.07	1,621.20
Davs: 44 Building 08/09/2012-10/09/2012	3.14	10.70	10.52	0.00	0.00	0.08	0.08	0.00	0.07	0.07	1,621.20
Building Off Road Diesel	3.14	10.70	10.52	0.00	0.00	0.08	0.08	0.00	0.07	0.07	1,621.20
Building Vendor Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 10/10/2012-10/16/2012 Active	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Davs: 5 Coating 10/10/2012-10/16/2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Demolition 6/1/2012 - 6/15/2012 - Demolition and site prep

For Concrete/Industrial Saws, the Use Aqueous Diesel Fuel mitigation reduces emissions by:

NOX: 15% PM10: 50% PM25: 50%

For Concrete/Industrial Saws, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by:

PM10: 85% PM25: 85%

For Concrete/Industrial Saws, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by:

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NOX: 15%

- For Rubber Tired Dozers, the Use Aqueous Diesel Fuel mitigation reduces emissions by:
- NOX: 15% PM10: 50% PM25: 50%
- For Rubber Tired Dozers, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by: PM10: 85% PM25: 85%
- For Rubber Tired Dozers, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by: NOX: 15%
- For Tractors/Loaders/Backhoes, the Use Aqueous Diesel Fuel mitigation reduces emissions by: NOX: 15% PM10: 50% PM25: 50%
- For Tractors/Loaders/Backhoes, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by: PM10: 85% PM25: 85%
- For Tractors/Loaders/Backhoes, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by: NOX: 15%
- The following mitigation measures apply to Phase: Fine Grading 7/17/2012 7/30/2012 Fine site grading
- For Soil Stablizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

- For Soil Stablizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by: PM10: 5% PM25: 5%
- For Soil Stablizing Measures, the Water exposed surfaces 2x daily watering mitigation reduces emissions by: PM10: 55% PM25: 55%
- For Soil Stablizing Measures, the Equipment loading/unloading mitigation reduces emissions by: PM10: 69% PM25: 69%
- The following mitigation measures apply to Phase: Mass Grading 6/16/2012 7/16/2012 Mass site grading For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

- For Soil Stablizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by: PM10: 5% PM25: 5%
- For Soil Stablizing Measures, the Water exposed surfaces 2x daily watering mitigation reduces emissions by: PM10: 55% PM25: 55%
- For Soil Stablizing Measures, the Equipment loading/unloading mitigation reduces emissions by: PM10: 69% PM25: 69%
- The following mitigation measures apply to Phase: Trenching 8/1/2012 8/8/2012 Trenching
- For Excavators, the Use Aqueous Diesel Fuel mitigation reduces emissions by:
- NOX: 15% PM10: 50% PM25: 50%
- For Excavators, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by: PM10: 85% PM25: 85%
- For Excavators, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by:

Page: 1 10/19/2011 05:40:41 PM NOX: 15% For Other General Industrial Equipment, the Use Aqueous Diesel Fuel mitigation reduces emissions by: NOX: 15% PM10: 50% PM25: 50% For Other General Industrial Equipment, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by: PM10: 85% PM25: 85% For Other General Industrial Equipment, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by: NOX: 15% For Tractors/Loaders/Backhoes, the Use Aqueous Diesel Fuel mitigation reduces emissions by: NOX: 15% PM10: 50% PM25: 50% For Tractors/Loaders/Backhoes, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by: PM10: 85% PM25: 85% For Tractors/Loaders/Backhoes, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by: NOX: 15% The following mitigation measures apply to Phase: Building Construction 8/9/2012 - 10/9/2012 - Building construction For Cranes, the Use Aqueous Diesel Fuel mitigation reduces emissions by: NOX: 15% PM10: 50% PM25: 50% For Cranes, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by: PM10: 85% PM25: 85% For Cranes, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by: NOX: 15% For Forklifts, the Use Aqueous Diesel Fuel mitigation reduces emissions by: NOX: 15% PM10: 50% PM25: 50% For Forklifts, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by: PM10: 85% PM25: 85% For Forklifts, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by: NOX: 15% For Generator Sets, the Use Aqueous Diesel Fuel mitigation reduces emissions by: NOX: 15% PM10: 50% PM25: 50% For Generator Sets, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by: PM10: 85% PM25: 85% For Generator Sets, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by: NOX: 15% For Tractors/Loaders/Backhoes, the Use Aqueous Diesel Fuel mitigation reduces emissions by: NOX: 15% PM10: 50% PM25: 50% For Tractors/Loaders/Backhoes, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by: PM10: 85% PM25: 85% For Tractors/Loaders/Backhoes, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by:

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NOX: 15%

For Welders, the Use Aqueous Diesel Fuel mitigation reduces emissions by:

NOX: 15% PM10: 50% PM25: 50%

For Welders, the Diesel Particulate Filter (DPF) 1st Tier mitigation reduces emissions by:

PM10: 85% PM25: 85%

For Welders, the Diesel Oxidation Catalyst 15% mitigation reduces emissions by:

NOX: 15%

The following mitigation measures apply to Phase: Architectural Coating 10/10/2012 - 10/16/2012 - coating

For Nonresidential Architectural Coating Measures, the Nonresidential Exterior: Use Low VOC Coatings mitigation reduces emissions by:

ROG: 10%

For Nonresidential Architectural Coating Measures, the Nonresidential Interior: Use Low VOC Coatings mitigation reduces emissions by:

ROG: 10%

Area Source Unmitigated Detail Report:

AREA SOURCE EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

Source	ROG	NOx	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	PM2.5	<u>CO2</u>
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth - No Summer Emissions							
Landscape	0.12	0.02	1.55	0.00	0.01	0.01	2.81
Consumer Products	0.00						
Architectural Coatings	0.00						
TOTALS (lbs/day, unmitigated)	0.12	0.02	1.55	0.00	0.01	0.01	2.81

Area Source Changes to Defaults

Operational Unmitigated Detail Report:						
OPERATIONAL EMISSION ESTIMATES SU	ummer Pounds Per Day, Unn	nitigated				
Source	ROG	NOX	со	SO2	PM10	PM25
Power Plant	0.63	8.24	3.90	0.01	1.02	0.43
TOTALS (lbs/day, unmitigated)	0.63	8.24	3.90	0.01	1.02	0.43

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Operational Settings:

Rural Trip Length (miles)

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2010 Temperature (F): 90 Season: Summer

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

		Summary of Land Us	es									
Land Use Type	Acrea	age Trip Rate	Unit Type	No. Units	Total Trips	Total VMT						
Power Plant		58.00	unknown	1.00	58.00	392.20						
					58.00	392.20						
	Vehicle Fleet Mix											
Vehicle Type	F	Percent Type	Non-Catalys	t	Catalyst	Diesel						
Light Auto		20.5	1.0)	98.8	0.2						
Light Truck < 3750 lbs		4.5	1.8	3	93.6	4.6						
Light Truck 3751-5750 lbs		0.0	0.5	5	99.0	0.5						
Med Truck 5751-8500 lbs		0.0	1.0)	99.0	0.0						
Lite-Heavy Truck 8501-10,000 lbs		0.0	0.0)	76.5	23.5						
Lite-Heavy Truck 10,001-14,000 lbs		0.0	0.0)	42.9	57.1						
Med-Heavy Truck 14,001-33,000 lbs		0.0	0.0)	20.0	80.0						
Heavy-Heavy Truck 33,001-60,000 lbs		75.0	0.0)	0.0	100.0						
Other Bus		0.0	0.0)	0.0	100.0						
Urban Bus		0.0	0.0)	0.0	100.0						
Motorcycle		0.0	62.9)	37.1	0.0						
School Bus		0.0	0.0)	0.0	100.0						
Motor Home		0.0	0.0)	90.0	10.0						
		Travel Condition	ons									
	F	Residential		Commercial								
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer						
Urban Trip Length (miles)	10.8	7.3	7.5	9.5	7.4	7.4						

7.1

16.8

45.0

14.7

6.6

6.6

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10/19/2011 05:40:41 PM									
Trip speeds (mph)	35.0	35.0	45.0	35.0	35.0	35.0			
% of Trips - Residential	25.0	0.0	75.0						
% of Trips - Commercial (by land use)									
Power Plant				2.0	1.0	97.0			
	Opera	ational Changes to Defau	Its						
The urban/rural selection has been changed from Urban to Ru	ural								
Ambient summer temperature changed from 85 degrees F to	90 degrees F								
Ambient winter temperature changed from 40 degrees F to 50 degrees F									
Home-based other average speed changed from 35 mph to 4	5 mph								

Home-based other rural trip length changed from 7.9 miles to 45 miles