



APPENDIX E

**EFFECT OF INCOMPATIBILITY EXCESS EMISSIONS FACTOR
ON
ORVR WIDESPREAD USE DATE
FOR
METROPOLITAN ATLANTA, GEORGIA**

Metropolitan Atlanta, GA “Definition c2” Widespread Use Dates - Varying IEE Scenarios

Calendar Year	Emissions (Tons per Summer Day)						
	ORVR Only	Stage II with ORVR with IEE Factor as Indicated					
		IEE=0.09	IEE=0.33	IEE=0.42	IEE=0.55	IEE=0.72	IEE=0.86
2010	6.94	3.66	4.27	4.50	4.83	5.27	5.62
2011	6.03	3.54	4.19	4.44	4.79	5.25	5.63
2012	5.27	3.44	4.13	4.39	4.77	5.25	5.66
2013	4.66	3.37	4.10	4.37	4.76	5.27	5.69
2014	4.22	3.34	4.09	4.37	4.78	5.31	5.75
2015	3.92	3.33	4.10	4.39	4.81	5.36	5.81
2016	3.71	3.32	4.12	4.41	4.84	5.41	5.87
2017	3.55	3.33	4.14	4.44	4.88	5.45	5.93
2018	3.43	3.34	4.17	4.48	4.92	5.51	5.99
2019	3.33	3.36	4.20	4.51	4.97	5.56	6.05
c2 Year		2019	2015	2014	2013	2013	2012

Note: According to the supplied inputs, in the metropolitan Atlanta counties, 93.3 percent of Stage II systems are vacuum-assist and 6.7 percent are balance systems.