

Shreveport-Bossier City Metropolitan Statistical Area

Early Action Compact Progress Report

December 31, 2004

Prepared for
U.S. Environmental Protection Agency
Region 6
Dallas, Texas

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1. Introduction

The U.S. Environmental Protection Agency (EPA) requires signatories of Early Action Compacts (EAC) to prepare a progress report every six months that describes the progress made to date against the EAC milestones. This progress report will summarize activities related to the Shreveport - Bossier City Metropolitan Statistical Area's EAC during the period from July 1 through December 31, 2004.

2. Progress Toward Submission of Proposed SIP Revision

On March 31, 2004, the Shreveport-Bossier City Metropolitan Statistical Area (MSA) submitted its proposed Air Quality Improvement Plan (AQIP) to the Louisiana Department of Environmental Quality (DEQ), pursuant to the terms of the EAC. On August 20, 2004, the DEQ published in the Louisiana Register notice of a proposed State Implementation Plan (SIP) revision, incorporating the provisions of the proposed AQIP. The comment period for this notice ran until October 14, 2004. On September 20, 2004, the DEQ published a supplemental notice, advising that additional information regarding the methodology associated with the quantification of the expected emission reductions from one of the proposed local control measures (energy conservation program) would be included in the SIP revision. The comment period for the supplemental notice ran until October 29, 2004.

A public hearing on the proposed SIP revision was held on October 7, 2004.

Written comments were received from EPA Region 6. Responses to these comments are included in the SIP package which will be submitted by DEQ to EPA by December 31, 2004.

3. Progress Toward Implementation of Local Measures

Local control measure implementation remains on schedule, and all are expected to be fully implemented by the end of 2005.

(a) Centerpoint Energy Plant Modification. The project is nearing completion. The plant is currently operational, and is undergoing a testing period. Initial emissions testing has been scheduled and the startup notifications to DEQ are in progress.

(b) General Motors Plant Modification. This project has been fully implemented.

(c) Landfill Gas Recovery Project. This project has been fully implemented.

(d) Energy Conservation Program. All work is proceeding on schedule, and should be completed by July, 2005. Examples of work performed in the last 6 months include replacement of chillers, hot water boilers and pumps with more efficient equipment at the larger City buildings (including the Civic Theater, Convention Hall, and Expo

Hall); window tinting at City Hall; and lighting upgrades and thermostat replacement at many of the smaller City buildings.

(e) Intelligent Transportation Systems. The system has been installed at 24 intersections.

(f) Hybrid Bus. The bus has been ordered from the manufacturer, and delivery is expected in mid-2005.

4. Progress Toward Completion of Additional Technical Analyses

An analysis was completed in September, 2004 by the National Renewable Energy Laboratory, with the support of the Louisiana Department of Natural Resources, Louisiana State University, U. S. Department of Energy and EPA, comparing various methods for developing NOx emission factors resulting from the energy efficiency control measure proposed in the MSA's proposed AQIP. The analysis was submitted to the DEQ and will be included as part of the proposed revised SIP to be submitted to EPA by December 31, 2004. The analysis supports a finding that the proposed energy efficiency control measure will reduce NOx emissions by 0.04 tons per day during the ozone season.

5. Obstacles

The December 31, 2004 milestone will be met, and we are aware of no obstacles at this time which would prevent future milestones, including the implementation of the proposed local control measures by December 31, 2005, from being met.