

DRAFT

TEHAMA COUNTY CLIMATE ACTION PLAN

2015



TEHAMA COUNTY
PLANNING DEPARTMENT

DIRECTOR OF PLANNING
SEAN M. MOORE, AICP

(Intentionally Left Blank)





Acknowledgements

Board of Supervisors

Burt Bundy, Chair, District 5
Bob Williams, Vice-Chair, District 4
Steve Chamblin, District 1
Candy Carlson, District 2
Dennis Garton, District 3

Planning Commission

Lynn W. DeFreece, Chair
Gary Durden, Vice-Chair
Bill Moule
Gordon Clemens
Delbert "Dave" David

Planning Department Staff

Sean M. Moore, AICP, Director

County Departments

Administration
Bill Goodwin, CAO
Air Pollution Control District
Kristin Hall-Stein, Control Officer
Building Department
John Stover, Building Official
Environmental Health
Tim Potanovic, Director
Public Works
Gary Antone, Director



Table of Contents

Executive Summary

Overview	1
CAP Products.....	2

Chapter 1 – Introduction

Overview.....	7
County Departments and the CAP	8
Tehama County’s Focus	10
State Legislative Acts and Laws	10
County Resources and CAP Preparation	12
CAP Implementation	16

Chapter 2 –CAP Inventory

Community Emissions	18
Government Operations Emissions.....	19
Baseline 2008 Inventories.....	20
Community Forecasts	23
Government Operations Forecasts.....	24

Chapter 3 – Reduction Goals

Overview	26
Realizing the General Plans Air Quality and GHG Goals.....	27
Unincorporated Countywide Emissions and Reduction Goals.....	29
GHG Laws	31
Local Achievements.....	34
A Brief Synopsis.....	36

Chapter 4 – A Means To Reduction

Overview.....	38
Reduction Strategies.....	41
Analyses Methods.....	42
Strategy’s by Topic	42
Progress and Goals.....	62

Chapter 5 – Preparing For Change

Overview.....	65
Acclimation Practices	65
Government Practices and Responsibility	67

Chapter 6 – Monitoring Program

Overview.....	68
---------------	----

List of Tables

Table 1: 2008 Community Inventory	20
Table 2: 2008 Government Operations Inventory	22
Table 3: Community Business-as-Usual Emissions Forecasts	23
Table 4: Government Operations Business-as-Usual Emissions Forecasts.....	24
Table 5: Community Emissions & Reduction Goals	28
Table 6: Government Operations Emissions & Reduction Goals.....	29
Table 7: Unincorporated Countywide Emissions & Reduction Goals.....	30
Table 8: Local Reduction Benefits of State Requirement on Community Emissions.....	33
Table 9: Local Reduction Benefits of State Requirement on Government Emissions	34
Table 10: Local Achievements and CAP Credits	35
Table 11: Anticipated 2020 & 2028 Emissions Reductions from CAP Strategies.....	40
Table 12: 2020 & 2028 Unincorporated Countywide Quantified Reductions by Strategy ..	63

List of Figures

Figure 1: 2008 Government Operations Emissions and Sector Explanations	3
Figure 2: 2008 Community Emissions and Sector Explanations	4
Figure 3: 2020 & 2028 Unincorporated Countywide Emissions & All Reduction Credits	6
Figure 4: Unincorporated Tehama County.....	9
Figure 5: 2008 Community Emissions by Sector	21
Figure 6: 2008 Government Operations by Sector	22
Figure 7: Community Business-as-Usual Emissions Forecasts by Sector	24
Figure 8: Government Operations Business-as-Usual Emissions Forecasts by Sector.....	25
Figure 9: Unincorporated Countywide Emissions & Reductions Goals	31

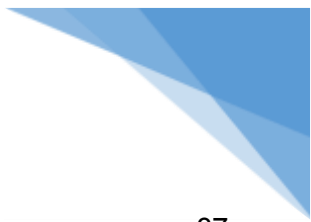


Figure 10: 2008- 2028 Unincorporated Countywide Emissions & Reductions 37
Figure 11: 2008- 2028 Unincorporated Countywide Emissions & All Reductions 41

Appendix A – Abbreviations and Key Terms

Appendix B – Technical Reports and Methodologies For CAP Strategies

Appendix C – Technical Reports and Methodologies For Local Achievements