



Ontario

Ministry
of
Transportation

Transportation
Technology and
Energy Branch

TEMP Year-End Report Part 1: Conservation and Marketing Fiscal Year 1987/88

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Technology and
Energy Branch

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TEMP Year-End Report

Part 1: Conservation and Marketing

Fiscal Year 1987/88

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Manager
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The Transportation Energy Management Program (TEMP) is delivered by the Ministry of Transportation in cooperation with, and with partial funding from the Ministry of Energy.

The report was prepared by MTO's Transportation Energy Office to record TEMP's accomplishments during the past fiscal year.

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1/ INTRODUCTION

Although gasoline prices have remained relatively stable over the past few years, world oil supplies continue to be at risk in politically volatile environments, and domestic reserves of conventional crude oil continue to diminish. At the same time, the upturn in our economy has increased the demand for all forms of energy, including oil. Such an energy environment is almost certain to result in escalating oil prices, perhaps even supply constraints, in the not too distant future. It is, therefore, important that the present stable energy situation be used to foster and establish a responsible and efficient use of our energy resources.

Recognizing that energy conservation is not a high priority in the current environment, the Transportation Energy Management Program (TEMP) has continued to foster a responsible approach to energy utilization by promoting energy efficiency as an important component of overall operational efficiency in transportation. Such a broader approach has enabled TEMP to promote measures such as fleet management, driver training, transportation planning, and transportation safety. The program has stressed that efficiency improvements through all such measures will ultimately result in improved economic efficiency, and lead to improved competitiveness and tangible economic payoffs.

This approach has met with positive responses from the transportation industry, and has enabled TEMP to better fulfill its mandate.

2/ TRUCKSAVE

2.1/ Overview

Trucksave promotes fuel and operational efficiency in the trucking industry under the slogan "industry and government working together". It has been operating since 1980, publishing information, making audio visual presentations, and running the annual Fuel Economy Challenge since 1982.

The marketing of Trucksave material has reached a very large percentage of the trucking industry and these products have been well received by drivers, supervisors, and middle management. However, it was felt that the senior executives of the for-hire fleets and private fleets were not consciously aware of the huge savings that can be made by enforcing fuel savings. The most important items are speed control and driver support.

In order to reach this audience, a forum called "Trucking for Profit" was held in June for an invited audience of senior trucking executives, and with a program of speakers that included the ministers of Transportation, Energy and the CEO of Cummins Engines. Based on the success of this forum, it was recommended that Trucksave hold another in 1988.

A follow-up to this forum was the first of a series of seminars for fleet managers, presented by the Trucksave staff.

The Economy Challenge was run with an additional route, and in conjunction with the Pro-Trucker program in Manitoba an Interprovincial Challenge was run between Kenora and Winnipeg.

The first edit of the new film "All in a Day's Work" was completed. This film is directed at the city and urban delivery fleet.

Several company driver safety meetings were attended by Trucksave staff, so they could present films and discuss fuel saving techniques.

A number of trade shows were attended and the truckstop displays of Trucksave material were serviced. This resulted in a demand for Trucksave publications and audio visual presentations.

2.2/ Project Reports

2.2.1/ Trucksave Fleet Advisory Committee (33100)

Project Objectives

To provide advice on the general feasibility and best means of implementing proposals for energy efficiency and productivity improvements in the trucking industry.

To act as a forum within the industry for the exchange of information on energy efficiency and productivity improvements.

Activities

- hold monthly committee meetings
- critique ongoing Trucksave activities and review new material, Requests for Proposal (RFPs), and the budget
- generate new proposals to enhance the current program
- distribute Trucksave publications, etc., at trade shows, seminars, and truckstops

Results and Achievements

During the year, 10 committee meetings were held. Changes to the committee membership included an additional two new members, and one resignation.

To ensure better liaison between industry and government, the Advisory Committees: Trucksave, Drive\$ave, and the Economy Challenge had a joint meeting.

In conjunction with Drive\$ave, several meetings were held with fleet drivers at their terminals. The subjects discussed were fuel-efficient driving and safety.

A masterlist of truck owners was used to distribute informational booklets to a number of trucking fleets and owner/operators. The Trucksave booth and publications were displayed at seven trade shows. Regular visits were made to 33 truckstops to ensure that the display racks were stocked and in good repair.

The Trucksave spec'ing books have now been translated into Danish by the Danish Transportation Association whose representatives visited Trucksave in 1986.

A representative from Trucksave visited Kenya, at the request of the Kenyan Government, to assist in a new trucking fuel conservation program.

Starting Date: August 1979

Completion Date: Ongoing

2.2.2/ Revisions and Reprints (33115)

Project Objectives

To maintain a sufficient quantity of current publications in stock in order to meet demand; also to ensure that necessary revisions are made to keep publications current, when reprints are required.

Activities

- revision and reprinting of publications

Results and Achievements

The following materials were reprinted with no revisions: 90 km/h decals and "Idling Wastes" stickers.

Revisions were made to the following materials which were reprinted: Number 2 Spec'ing Booklet and Informational Catalogue.

Additional copies of the video-taped film, "The Trucksave Edge," were made for rental purposes.

Starting Date: April 1986

Completion Date: Ongoing

2.2.3/ Marketing Trucksave (33116)

Project Objectives

To increase fuel efficiency in trucking. Initiate new communications strategy directed specifically at senior executives of the trucking industry. A greater awareness, among the industry's top management, of the potential financial benefits of fuel efficiency and productivity improvements would facilitate implementation of the Trucksave principles.

Activities

- develop and organize a forum for the CEOs of the 50 largest trucking companies (for-hire and private) in Ontario; to obtain a commitment from the CEOs by making them realize the many advantages gained from fuel efficiency and then have them pass the message down the line

Results and Achievements

A Trucking for Profit forum was held in June 1987 with four guest speakers and one keynote speaker. The ministers of Transportation and Energy also attended and addressed the forum.

As a result of this forum, a new image has been created for the Trucksave program. A climate of interest and positiveness has developed that could be capitalized and expanded upon.

Consequently, another Trucking for Profit forum will be planned for 1988.

Starting Date: June 1986

Completion Date: July 1987

2.2.4/ A Film – Straight Trucks (33117)

Project Objectives

To produce a film for straight truck operators, showing various methods of fuel efficiency improvements with emphasis on the benefits of following these techniques.

Activities

- developing an approach to and message for the film
- preparing the script
- filming and editing

Results and Achievements

Due to unforeseen delays, it was only possible to complete a first line edit of this film by the end of this fiscal year. It will be completed in 1988/89.

The first line edit was reviewed by various individuals in the industry and government to ensure its validity.

Starting Date: June 1987

Completion Date: March 1989

2.2.5/ Trucksave Fleet Managers' Seminar (33122)

Project Objectives

To design, organize, promote, and deliver seminars to managers of trucking fleets explaining the need for improving fuel efficiency and how to do it.

Activities

- completion of seminar curriculum
- production of necessary publications
- advertisement of seminars

Results and Achievements

The first seminar was held in August 1987 in Toronto. Four others were held throughout the province with the total attendance of 108 people. The advertising for 17 seminars in 1988/89 was arranged.

Starting Date: June 1986

Completion Date: Ongoing

2.2.6/ Fuel Economy Challenge – 1987 (33299)

Project Objectives

To organize and promote an annual competition that allows professional drivers to put their driving abilities and equipment to the fuel economy test. The competition promotes energy efficiency in the trucking industry and provides recognition for the top drivers, their companies, and suppliers.

Activities

- planning and delivery of the fuel economy competition and awards banquet with assistance from members of the trucking industry (Economy Challenge Committee)
- organizing a publicity campaign, selecting routes, developing rules, and preparing a computer program to record data and calculate final results
- co-ordinating the event with the assistance of regional staff
- soliciting funds from the truck industry for prize money and the cost of the banquet
- publishing the results booklet for distribution at the awards banquet

Results and Achievements

A new route, between Joyceville and Bainsville, was established for the Challenge. The other routes remained as in previous years, Milton to Chatham and Bowmanville to Joyceville.

In conjunction with Pro-Trucker, an Interprovincial Challenge was run between Kenora and Winnipeg.

There were 392 runs made this year over a period of 28 days, which is an increase of 440% over 1982.

Sponsorship totalled \$26,000.

Starting Date: April 1982

Completion Date: 1988

3/ DRIVE\$AVE

3.1/ Overview

The Drive\$ave program is designed to improve the fuel efficiency and productivity of Ontario automobile and light truck drivers in three target groups:

- commercial and institutional vehicle fleets
- beginner drivers
- general licensed drivers

In FY 1987/88 Drive\$ave continued to conduct a wide range of marketing and information distribution activities aimed at all three target groups.

Fleet managers' seminars were held, and new material for the seminars was produced. Numerous meetings were attended at high schools, driving schools, and colleges by the Drive\$ave staff to talk about fuel-efficient driving techniques.

In conjunction with Public and Safety Information Branch, a large booth was designed and constructed for the Toronto International Auto Show. New material was published for the show and a new Drive\$ave/Trucksave film, "Living with Trucks," was produced. It was premiered at the Auto Show.

Due to demand the Drive\$ave calculators were reprinted.

Because of budget restrictions the travelling Drive\$ave display was not used.

3.2/ Project Reports

3.2.1 Fleet Industry Program (33400)

Project Objectives

To provide a forum to enable direct involvement of the fleet industry in the development of Drive\$ave activities which aim at improving the fuel efficiency and productivity and promote the use of alternative fuels by fleets in Ontario.

Activities

- continue light-vehicle fleet programs with strong support from and involvement with National Association of Fleet Administrators (NAFA)
- conduct bi-monthly Drive\$ave Fleet Advisory Committee (FAC) meetings throughout the fiscal year to exchange information requirements and experience relating to fuel efficiency, productivity, and alternative fuels

Results and Achievements

Six FAC meetings were held during the fiscal year and one new member was added.

Drive\$ave again participated with a manned booth at the annual NAFA Affiliates Night Fleet Fair, attended by 600 fleet people.

Committee members participated in the production of the Drive\$ave/Trucksave film: "Living with Trucks" and with the new Drive\$ave pamphlet: "Drive the Drive\$ave Way."

Preliminary arrangements were made for a NAFA Fleet Challenge, which will be conducted early in the next fiscal year.

Starting Date: December 1980

Completion Date: Ongoing

3.2.2/ Fleet Managers' Seminar (33441)

Project Objectives

To organize, promote, and deliver seminars and special meetings to fleet managers explaining the need for fuel efficiency and how to achieve it.

Activities

- conducting a continuing series of half-day seminars on fuel efficiency for fleet operators with automobiles and light trucks
- providing extensive marketing of seminars at each location and the surrounding area to ensure maximum attendance
- conducting regular follow-up and information support for fleet managers and driver trainers who attended the seminars

Results and Achievements

In FY 1987/88, 10 seminars for fleet managers were conducted. These were attended by 168 fleet managers and driver trainers, representing 124 vehicle fleets with a total of 21 000 vehicles.

Twelve special drivers' meetings were held in which fuel efficiency techniques were presented to drivers of the company fleets. A total of 1000 drivers attended.

Starting Date: December 1980

Completion Date: Ongoing

3.2.3/ Driver Education (33395)

Project Objectives

To provide licensed driving instructors with information on fuel efficiency and to promote the use of driving and maintenance techniques to beginner drivers in order for them to achieve higher fuel efficiency.

Activities

- increase the penetration of the Drive\$ave program in both high schools and private driving school classes
- conducting fuel economy seminars for driver educators at their own facilities in various locations across the province
- monitoring the levels of use and need for additional Drive\$ave material with all driving schools in Ontario

Results and Achievements

A total of 85 licensed driving instructors from private driving schools and high school driving programs attended six Drive\$ave meetings conducted in various locations throughout Ontario.

Drive\$ave staff visited nine high schools and met with 400 new drivers to talk about fuel efficiency and driving.

The Drive\$ave material distributed to beginner drivers included fuel economy calculators, film pamphlets, and "All Seasons" pamphlets.

Starting Date: April 1981

Completion Date: March 1988

3.2.4/ FuelSaver Newsletter (33406)

Project Objectives

To publish a newsletter as a low-cost marketing tool to inform fleet managers and driver trainers about activities and new developments in the Drive\$ave, Trucksave, and Alternative Transportation Fuels (ATF) marketing programs.

Activities

- researching and writing of articles, reviewing and checking typesetting, layout and final printing of the newsletter
- continual monitoring and updating of newsletter mailing list to ensure accuracy and completeness

Results and Achievements

Three issues of the "FuelSaver" were published: summer, fall, and winter. Over 10 000 copies of each issue were distributed. Outlines of the articles and layout for the spring issue were completed.

The mailing list, which contains more than 10 000 fleet managers, driver instructors, and related interests, was continually updated throughout the year.

The newsletter continued to reinforce the fuel efficiency measures promoted by Drive\$ave, Trucksave, and ATF Marketing. It also provided new information and developments on fuel economy, alternative fuels, operational efficiency, and safety.

Starting Date: April 1983

Completion Date: Ongoing

3.2.5/ Fleet Managers' Program Implementation Handbook (33411)

Project Objectives

To develop, produce, and distribute to fleet managers a booklet which outlines an implementation process for fleet fuel efficiency improvement program, including the securing of top management approval and support.

Activities

- selection of material for booklet
- writing and design of booklet
- production of booklet
- distribution of booklet

Results and Achievements

Two pamphlets outlining the content of the fleet managers' seminar were developed and published under Project 33305, Drive\$ave Promotional Material.

These pamphlets were distributed to participants at the fleet managers' seminar in place of the proposed handbook, which consequently was not produced.

Starting Date: N/A

Completion Date: N/A

3.2.6/ Drive\$ave Promotional Material (33305)

Project Objectives

To ensure a sufficient supply of printed Drive\$ave materials for distribution to its target market.

Activities

- revision and reprinting of publications
- distribution of materials

Results and Achievements

Fuel economy calculators were reprinted, litter bags advertising tire pressures were made, and a pamphlet, "Drive the Drive\$ave Way," was produced.

Two pamphlets outlining the content of the fleet managers' seminar were developed and published.

A total of 116 500 fuel economy calculators, 8000 film pamphlets, and 17 000 "All Seasons Fuel Economy" pamphlets were distributed to the target audience.

Starting Date: April 1987

Completion Date: March 1988

3.2.7/ New Drive\$ave Display (33302)

Project Objectives

To expose the general public to a wide range of Drive\$ave fuel economy information, by providing access to these materials in shopping malls and other public places.

Activities

- design and construction of a booth, in conjunction with Public Safety and Information, to be used at CNE, Toronto International Auto Show, Western Fair, and other show locations
- display of booth at the various show locations

Results and Achievements

The booth was designed, constructed, and set up at the Toronto International Auto Show. It included the new Drive\$ave/Trucksave video "Living with Trucks" and various safety and energy exhibits.

The presentation of "Living with Trucks" was well received and led to many requests for the video.

Due to budget restrictions, the booth was not used at any other shows.

Starting Date: April 1987

Completion Date: March 1988

4/ THE MUNICIPAL PROGRAM

4.1/ Overview

TEMP's Municipal Program is conducted by the provincial government in co-operation with the Ontario municipalities. It entails the analysis of transportation energy usage, identification of energy management and efficiency improvement needs, development of appropriate measures to meet these needs, and the implementation of energy management and efficiency improvement programs based on the developed measures.

The program is directed at municipal government leaders and municipal staff through a variety of mechanics including various municipal associations.

Direct contact with the municipalities is maintained through a Municipal Transportation Energy Advisory Committee (MTEAC). Information is disseminated to the municipalities by means of a quarterly newsletter and through responses to direct requests from municipal officials.

Although exact figures showing the total energy savings stemming from the Municipal Program are difficult to produce, approximate numbers can be generated using various estimating techniques. For FY 1987/88, the estimated total energy savings are in the neighbourhood of 500 million litres of gasoline, while the dollar savings equate to 225 million at 45¢/L. The dollar value retained in Ontario's economy is 147 million.

During FY 1987/88, the Municipal Program received a total of 266 information inquiries. Fifty-six percent of all inquiries were made by Ontario municipalities, 1800 municipal drivers viewed the driver training film "Planning Smarter/Driving Smoother." A total of 725 documents were distributed in addition to 20 000 MTEAC newsletters.

4.2/ Project Reports

4.2.1/ Municipal Transportation Energy Advisory Committee (MTEAC) (33500)

Project Objectives

To provide advice and guidance on how the province can best assist and encourage municipalities in developing and implementing energy and operational efficiency improvements in the transportation sector.

Activities

- holding regular meetings with both the executive and full committees
- initiating the use of MTEAC members as representatives to speak on behalf of the committee and the program in general at conferences and seminars
- maintaining and updating the list of future projects
- continuing to advise Ontario municipalities on the initiation, development, and implementation of various efficiency improvement programs
- continuing to assist MTO staff in program guidance and project direction

Results and Achievements

The committee underwent a slight turnover in membership, with the addition of four new members and the departure of three old members. The committee met nine times and provided advice on program development as well as providing new direction with a strong emphasis on operational efficiency and safety.

Starting Date: September 1979

Completion Date: Ongoing

4.2.2/ MTEAC Newsletter (33501)**Project Objectives**

To keep municipalities abreast of contemporary developments in energy and operational efficiency in the transportation sector by distributing a quarterly newsletter to 5000 subscribers.

Activities

- researching various energy and transportation related articles for possible inclusion in the newsletter
- writing and editing articles for the newsletter
- printing and distributing four issues to approximately 5000 readers

Results and Achievements

Through the newsletter, information was continuously provided to Ontario municipalities on energy and transportation efficiency. Over 20 000 newsletters were distributed which generated requests for more in-depth information, thereby maintaining a consistent two-way communications link with readers. Feature articles were written on: recap of the energy outlook, municipal pavement management system, update on contingency planning, freeway traffic signing, implementing a computerized management system, and a look at Ontario road safety.

Starting Date: September 1980

Completion Date: Ongoing

4.2.3/ MFMIS Promotion and Support (33504)

Project Objectives

To promote and recommend the use of the recently developed Municipal Fleet Management Information System (MFMIS) to Ontario municipalities, and to provide implementation support to those municipalities.

To achieve the implementation of the system in 10 municipalities, and thereby help reduce the fleet fuel consumption in those municipalities by 5%.

Activities

- offer municipal presentations and demonstrations showing the features, functions, and benefits of MFMIS
- provide implementation support to municipal clients by offering one-day training sessions, loading the system, and supplying system descriptions, implementation charts, data collection forms, and other start-up assistance
- advertise MFMIS in magazines and displays
- give presentations at seminars and conferences
- direct marketing through contacts with municipal staff

Results and Achievements

Promoted the MFMIS through seminars and individual contacts and presentations. The current MFMIS version was updated to reflect changes recommended by the user's group. After extensive testing the system was installed and user training was provided. XENIX and DOS manuals were produced and printed.

To date 30 municipalities and agencies have expressed a desire to have the system installed. The system has been installed in 18 additional municipalities for a total of 21, with user training provided.

Starting Date: April 1986

Completion Date: Ongoing

4.2.4/ Municipal Survey Analysis (33507)

Project Objectives

Analyze the municipal survey returns in order to assess and assist in directing future projects.

Activities

- reviewed and analyzed the survey returns
- write report documenting survey results and findings
- distribute report to interested municipalities

Results and Achievements

The analysis of the survey results was completed, and the results were presented in a survey report. It provided the municipal program with a better understanding of the most effective marketing approach and future program requirements.

Starting Date: April 1987

Completion Date: October 1987

4.2.5/ TEAM Course (33515)**Project Objectives**

Develop and offer training courses through the MTO/MEA Municipal Training Program in which the course content will be drawn from the TEAM manual and other TEMP publications.

Activities

- engage a transportation consultant to review the TEAM manual and determine if an update of the leading chapters to be used in the course are required
- develop a course curriculum and class material

Results and Achievements

After reviewing the TEAM manual and developing the terms of reference, only two consultants responded to the RFP. After some delay in receiving approval from the consultant assignment committee, this project was scheduled to start in the 1988/89 fiscal year.

Starting Date: September 1987

Completion Date: Ongoing

4.2.6/ Municipal Program Outreach (33520)**Project Objectives**

To market municipal program documents, products, and findings.

Activities

Marketing of the municipal program will be done by attending conferences and seminars, presenting papers, and setting up displays and information tables. The municipal display and all documents and promotional material developed by the

municipal program will be used in this marketing activity. Development and reprinting will be undertaken when required.

Results and Achievements

The following conferences were attended:

- Ontario Good Roads Association (OGRA)
- American Public Works Association (APWA)
- Rural Ontario Municipalities Association (ROMA)
- Association of Municipalities of Ontario (AMO)

The municipal display was set up at the above conferences, and at six public libraries.

The TEAM manual was mailed to 37 new users, and the driver training program was loaned to 63 municipalities.

Starting Date: April 1986

Completion Date: Ongoing

4.2.7/ Ridesharing Support (33600)

Project Objectives

To maintain an interest in ridesharing as a viable transportation option which provides traffic management and energy benefits.

To disseminate information and provide technical support to employers, municipal and regional governments, and individuals interested in establishing ridesharing.

Activities

- distribute information on employer-based car- and vanpool programs and owner-operated vanpools
- maintain ridesharing matching services at selected government locations
- monitor MTO carpool parking lots and supply the public with information about the lots
- distribute SARRMS in response to requests
- participate in studies and committees

Results and Achievements

Assistance was given to five employers who received implementation material and information.

Computerized rideshare matching assistance was provided, utilizing SARRMS, to three government locations with calculated savings of one million litres of gasoline annually and the removal of 100 vehicles from the roadway.

The number of employer-sponsored vanpools remained unchanged at approximately 150.

The implementation handbook for owner-operated vanpools was sent to individuals as requested and many callers were directed to known vanpool operators to find a ride.

It is estimated that there are 850 privately operated vanpools in Ontario which results in a calculated savings of 8.5 million litres of gasoline annually and the removal of 5400 vehicles from the roadway.

An inventory of 46 official MTO carpool parking lots was updated and distributed. Monitoring of the 2830 spaces in those parking lots indicated an overall occupancy rate of 59%, a slight increase from the previous year. Direct savings were calculated at 4.8 million litres of gasoline annually and the removal of approximately 1700 vehicles from the roadway.

Share-A-Ride participated on a Federal government committee for the assessment of ridesharing organizations. Share-A-Ride also took part in a ministry study of transportation for the disabled.

Starting Date: April 1986

Completion Date: Ongoing

4.2.8/ Transportation Energy in Official Plans (33517)

Project Objectives

To review existing literature, and develop informational material and strategies in order for municipalities to incorporate and maintain energy based goals in official plans, particularly those relating to land development control and density.

Activities

- examination of various existing transportation energy policies
- development of ways to enforce and protect these policies
- preparation of a document giving information on energy policies, their protection and enforcement

Results and Achievements

Due to shortage of staff and budget constraints this project was postponed until the next fiscal year.

Starting Date: N/A

Completion Date: N/A

4.2.9/ Energy Data Base Development (33513)**Project Objectives**

To develop an analytical model (power model) that can calculate vehicular energy consumptions for various Ontario roads and driving conditions, and to incorporate the use of this energy data in the determination of road repair and maintenance priorities and in the analysis of energy consumption trends in municipalities.

Activities

- develop an analytical model (power model) that can calculate transportation energy consumption for various road and driving conditions

Results and Achievements

Due to budget constraints this project was deferred to the 1988/89 fiscal year.

Starting Date: September 1987

Completion Date: Ongoing

4.2.10/ Bus Bays Research (33516)**Project Objectives**

Determine the energy, safety, and traffic related pros and cons of bus bays.

Activities

- study the pros and cons of bus bays from an energy perspective, as well as analyze the options and prepare recommendations, with assistance from traffic and transit officials

Results and Achievements

Due to staff shortage and budget constraints this project was not undertaken.

Starting Date: N/A

Completion Date: N/A

5/ GOVERNMENT PROGRAM

5.1/ Overview

During FY 1987/88 Government Programs were directed mainly at assisting ministries with implementation of fleet management systems and evaluation of data collection requirements for proper fleet management.

In the area of alternative fuels, the natural gas fleet was monitored and found to be operating relatively problem free. For propane, a review of costs was undertaken in response to a cabinet directive.

Overall this program basically became a support function for the Fleet Administration Office (FAO).

5.2/ Project Reports

5.2.1/ Government Fleetsave Co-ordination (33708)

Project Objective

To monitor Fleetsave activities within government ministries.

Activities

- collect information that will identify achievements made by ministries in the government program through an annual survey

Results and Achievements

The annual fleet energy and cost reporting function originally proposed under this project was reassigned to the FAO. Activities in this project were limited to support for the FAO.

Starting Date: April 1986

Completion Date: March 1988

5.2.2/ Implementation of Computerized Fleet Management (33710)

Project Objectives

To provide assistance to ministries with the installation of a computerized fleet management system to ensure ministries are properly managing fleets, reducing costs, and conserving energy.

Activities

- assistance will be given to ministries wishing to implement TEMP's Municipal Fleet Management Information System (MFMS) by providing limited consulting services and by purchasing required software for the computer system

Results and Achievements

Three ministries have made commitments to use the system while two others are still evaluating the system.

Starting Date: April 1987

Completion Date: March 1988

5.2.3/ Fleet Management Seminars (33711)**Project Objectives**

To promote efficient management and operation of government fleets particularly with regard to fuel and operational efficiency.

Activities

- design, development, and presentation of a series of energy efficiency seminars within the government
- presentation of seminars in major urban locations in all parts of the province for managers and drivers from all government ministries in adjacent areas

Results and Achievements

This project was deferred due to a lack of resources. However, government fleet managers were invited to the Drive\$ave and Trucksave seminars. Many attended and interest in these seminars is growing.

Starting Date: N/A

Completion Date: N/A

5.2.4/ Energy Conservation Manual (33712)**Project Objectives**

To ensure that all government fleet managers and drivers are aware of, and are practicing energy efficiency measures in the operation of government vehicles.

Activities

- identification of efficiency measures from existing TEMP materials that are applicable to government fleet operations and tailoring these to government needs
- design and production of a manual for government fleet managers

Results and Achievements

This project was cancelled due to a lack of resources.

Starting Date: N/A

Completion Date: N/A

5.2.5/ Maintenance of Government NGV Fleets (33806)**Project Objectives**

To maintain the government vehicles operating on natural gas and to train drivers, mechanics, and fleet managers in the proper operation and servicing of these vehicles.

Activities

- information services to drivers and fleet managers at their own ministries
- funding of training for mechanics in their upgrading to gas mechanics

Results and Achievements

Since funding of NGV conversion was terminated by MENY, the government NGV fleet has not been increasing and there has been no need to train additional mechanics. The fleet has been operating problem free; hence, there has been no need to pay for maintenance.

Starting Date: April 1987

Completion Date: March 1988

6/ ATF MARKETING

6.1/ Overview

With the propane industry increasingly able to operate without major government marketing assistance, the Alternative Transportation Fuels (ATF) marketing subprogram was able to concentrate its efforts in support of the rapidly expanding natural gas transportation fuel industry. Support to this industry was provided by participation in trade-shows and the provision of technical and promotional booklets. Market support to the propane industry was maintained through the provision of similar technical and promotional booklets.

Information on all alternative transportation fuels was provided through the distribution of eight informational booklets and eight pamphlets. The pamphlets were updated and reprinted during the past fiscal year.

6.2/ Project Reports

6.2.1/ ATF Information Services (33809)

Project Objectives

To provide information on the use and benefits of ATFs (particularly propane and NGV) in transportation, and thereby promote the knowledge and use of ATFs in Ontario's transportation sector.

Activities

- provision of information on ATFs in response to requests
- distribution of informational material at seminars, trade shows, and other suitable events

Results and Achievements

An estimated 200 telephone inquiries regarding ATFs (mainly propane and NGV) were dealt with.

ATF materials were distributed at the Toronto Auto Show.

Presentations highlighting MTO's experiences with ATFs were made at two seminars.

Starting Date: April 1986

Completion Date: Ongoing

6.2.2/ ATF Materials and Reprints (33810)

Project Objectives

To maintain a supply of up-to-date ATF publications for distribution to interested persons in order to promote the knowledge and use of alternative fuels, and to distribute about 12 000 booklets and 25 000 ATF pamphlets.

Activities

- regular review and revision of all materials at time of reprinting
- reprinting of material when the supply is low, or when the content becomes technically outdated

Results and Achievements

The six ATF pamphlets and the propane and natural gas pamphlets were updated and 15 000 copies of each were reprinted for distribution at the Toronto Auto show.

Starting Date: April 1987

Completion Date: March 1988

7/ TEMP ALLOCATIONS AND EXPENDITURES – FISCAL YEAR 1987/88

7.1/ Introduction

The following pages summarize the funding allocations and expenditures for the Transportation Energy Management Program for FY 1987/88. The funding includes the portion allocated by the Ministry of Energy (MENY) for direct operating expenditures (mainly consultant services).

MTO's expenditure includes, in addition to direct operating expenses, staff resources, data processing, travel, and all administrative costs. The tables do not include MTO expenditures by offices other than the Transportation Energy Office, even in cases where these offices incurred costs working on, or in support of, Transportation Energy projects.

The tables on the following pages show the initial allocations and final expenditures for each project for the fiscal year.

Table 1 provides a general overview, and Tables 2 to 6 detail allocations and expenditures by project. The data presented in these tables have not been audited, but are considered to be accurate.

7.2/ Financial Summaries

Table 1/ Transportation Energy Program Budget, FY 1987/88

PROGRAM	MTO	Direct Operating Expenses					Salary
		Initial Allocation			Final Expenditure		
		MENY	TOT	MTO	MENY	TOT	Expend MTO
Trucksave	59.4	132.5	191.5	54.7	139.7	194.4	64.5
Drive\$ave	64.2	16.5	80.7	69.7	1.5	71.2	63.6
Municipal	54.4	18.5	72.9	34.6	18.5	53.1	86.6
Government Program	42.2	1.5	43.7	16.5	1.5	18.0	80.3
ATF Marketing	10.0	0.0	10.0	0.0	11.2	11.2	0.0
TOTAL	230.2	169.0	398.8	175.5	172.4	347.9	295.0
Administration	45.0	0.0	45.0	39.9	0.0	39.9	199.8
TOTAL	275.2	169.0	443.8	215.4	172.4	387.8	494.8

Table 2/ Trucksave

Project Number	Project Name	MTO	Direct Operating Expenses					Salary
			Initial Allocation			Final Expenditure		
			MENY	TOT	MTO	MENY	TOT	Expend MTO
33100	Fleet Advisory Committee	21.1	1.5	22.6	6.9	1.5	8.4	10.5
33115	Revisions and Reprints	8.0	0.0	8.0	9.6	0.0	9.6	0.8
33116	Marketing Trucksave (Forum)	0.5	31.0	31.5	5.8	21.0	26.8	5.8
33117	Film - Straight Trucks	10.0	15.0	25.0	2.8	18.7	21.5	7.5
33122	Fleet Managers' Seminar	13.8	15.0	28.8	13.0	16.4	29.4	0.0
33299	Economy Challenge 87	6.0	70.0	76.0	16.6	82.1	98.7	39.9
TOTAL		59.4	132.5	191.9	54.7	139.7	194.4	64.5

Table 3/ Drive\$ave

Project Number	Project Name	Direct Operating Expenses						Salary Expend
		Initial Allocation			Final Expenditure			MTO
		MTO	MENY	TOT	MTO	MENY	TOT	
33400	Fleet Industry Program	1.5	0.0	1.5	0.9	0.0	0.9	9.2
33441	Fleet Managers' Seminar	4.0	0.0	4.0	4.6	0.0	4.6	16.5
33395	Driver Education	1.7	1.5	3.2	1.1	1.5	2.6	33.8
33406	Fuel\$aver Newsletter	15.0	0.0	15.0	13.4	0.0	13.4	0.4
33411	Fleet Managers' Program Implementation Handbook	7.0	0.0	7.0	0.0	0.0	0.0	0.0
33305	Promotional Material	15.0	15.0	30.0	27.6	0.0	27.6	0.4
33302	New Drive\$ave Display	20.0	0.0	20.0	22.1	0.0	22.1	3.3
TOTAL		64.2	16.5	80.7	69.7	1.5	71.2	63.6

Table 4/ Municipal

Project Number	Project Name	Direct Operating Expenses						Salary Expend
		Initial Allocation			Final Expenditure			MTO
		MTO	MENY	TOT	MTO	MENY	TOT	
33500	MTEAC	9.5	1.5	11.0	13.3	1.5	14.8	36.7
33501	MTEAC Newsletter	12.0	0.0	12.0	17.1	0.0	17.1	8.1
33504	MFMIS Promotion/Support	6.5	17.0	23.5	2.1	17.0	19.1	6.8
33507	Municipal Survey Analysis	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33515	TEAM course	25.0	0.0	25.0	0.1	0.0	0.1	4.2
33520	Outreach	1.4	0.0	1.4	1.5	0.0	1.5	2.7
33600	Ridesharing Support	0.0	0.0	0.0	0.5	0.0	0.5	28.1
33517	Transportation Energy in Official Plans	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33513	Energy Data Base Development	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33516	Bus Bays Research	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		54.4	18.5	72.9	34.6	18.5	53.1	86.6

Table 5/ Government Program

Project Number	Project Name	Direct Operating Expenses						Salary Expend
		Initial Allocation			Final Expenditure			MTO
		MTO	MENY	TOT	MTO	MENY	TOT	
33708	Government Fleetsave Co-ordination	0.0	0.0	0.0	0.0	0.0	0.0	12.2
33710	Implementation of MFMIS	17.0	1.5	18.5	16.5	1.5	18.0	57.8
33711	Fleet Management Seminars	2.4	0.0	2.4	0.0	0.0	0.0	0.0
33712	Energy Conservation Manual	15.0	0.0	15.0	0.0	0.0	0.0	0.0
33806	NGV for Government Vehicles	7.8	0.0	7.8	0.0	0.0	0.0	10.3
TOTAL		42.2	1.5	43.7	16.5	1.5	18.0	80.3

Table 6/ ATF Marketing

Project Number	Project Name	Direct Operating Expenses						Salary Expend
		Initial Allocation			Final Expenditure			MTO
		MTO	MENY	TOT	MTO	MENY	TOT	
33809	ATF Information Service	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33810	ATF Materials and Reprints	10.0	0.0	10.0	0.0	11.2	11.2	0.0
TOTAL		10.0	0.0	10.0	0.0	11.2	11.2	0.0

APPENDIX

ADVISORY COMMITTEES

A.1/ Trucksave Fleet Advisory Committee

Name	Title	Affiliation
D.E. Ker (Chairman)	Head, Trucksave	Trucksave, MTO
D.M. Anderson	President	Anderson Haulage
L. Alter	Executive Director, Divisions Association	Ontario Trucking
G.G. Carr	Retired	Tippet-Richardson
R. Covello	Head, New Equipment	MTO
D. Crowe	Manager (Transportation Manager)	Eatons
D. Flanigan	Accounts Manager	Esso Petroleum
W.H. Gough	Vice-Pres., Maintenance and Purchasing	Kingsway Transport Ltd.
R. Hardie	Executive Director	Private Motor Truck Council
T. Jasper	Fleet Manager	Consumers Distributing Ltd.
R. McKillop	Vice-Pres., Maintenance	Canada Cartage System Ltd.
S. Radbone	Manager, Truck Transportation Office	MTO
H. Ruhl	President	H. Ruhl Machinery Co. Ltd.
I. Service	President	Atripco Ltd.
V. Soots	Manager, TEO	MTO
P. Stafford	Fleet Specialist	Sheridan College

A.2/ Trucksave Economy Challenge Subcommittee

Name	Title	Affiliation
D.E. Ker (Chairman)	Head, Trucksave	MTO
S. Bigus	Transportation Superintendent	Labatt's
C. Brown	Safety Supervisor	Eastern Rentals
B. Capes	Fleet Manager	Sprint Transport
D. Doran	Safety Supervisor	Imperial Oil
R. Haystead	Director, Loss Prevention	Kingsway
C. Hoonard	Safety Supervisor	GTL
T. Short	Co-ordinator	MTO
T. Speed	Engineering Manager	Coca-Cola
H. Weisher	Fleet Manager	Molson's

A.3/ Drive\$ave Fleet Advisory Committee

Name	Title	Affiliation
D. Ker (Chairman)	Head, Drive\$ave	MTO
C. Wiese	Drive\$ave Program Officer	MTO
F. Attard	Fleet Administrator	Xerox Canada
K. Austin	Manager, Administrative Services	G.D. Searle
H. Ferguson	Fleet Manager	Canada Packers
C. Hill	Manager, Corporate Fleet	Honeywell
M. Nantais	Manager, Committees	Motor Vehicle Manufacturers' Association
D. Ryrie	Section Manager, Materiel and Automotive Equipment	Bell Canada
H. Siegel	Senior Engineer Engineering Services	Ontario Hydro
V. Soots	Manager, Transportation Energy Office	MTO
J. Svensson	President	Driving School Association of Ontario
T. Westaway	Fleet Administrator	Work Wear Corporation
J. Worsley	Fleet Manager	Nestle Ent. Ltd.

A.4/ Municipal Transportation Energy Advisory Committee

Name	Title	Affiliation
D.C. Redmond (Chairman)	Commissioner, Engineering and Planning	City of Sault Ste. Marie
V. Soots (Vice-Chairman)	Manager, Transportation Energy Office	MTO
F.M. Cherutti (Executive Secretary)	Head, Municipal Program, TEPO	MTO
W. Bannister	Supervisor of Energy Conservation	TTC
G. Campitelli	Manager, Municipal Transportation Policy Office	MTO
M. Holenski	Environmental Services Engineer	Regional Municipality Of Niagara
J.D. Hutchison	Sr. Program Advisor, Alternative Fuels	MENY
D. Juneja	Transportation Officer, Transit Office	MTO
A.J. Lake	General Superintendent, Maintenance and Service	City of London
D.J. McDonald	County Engineer	Stormont, Dundas and Glengarry
J.R. McCorkell	Director, Operations	Regional Municipality Durham
I.M. Nethercot	Manager, Municipal Roads Office	MTO
M.R. Quinton	Manager, Traffic Management and Engineering Office	MTO
K.J. Schipper	Director of Traffic and Transportation	City of Mississauga
L. Shallal	Director, Transportation Planning Division	Regional Municipality of Ottawa-Carleton
D.H.C. Thwaites	Director of Transportation Planning	Regional Municipality of Peel
J. Toffelmire	Director, Traffic Engineering	City of Windsor