



Energy classification

- Users or control agencies
- CDF municipal facilities, equip, staff
 - Private residential
 - Private commercial
 - Private industrial
 - Private transportation
 - County facilities, equip, staff within energy plan boundary
 - State facilities, equip, staff within energy plan boundary
 - Township facilities, equip, staff within energy plan boundary
 - Public utility F/E/S within energy plan boundary
 - Private institution F/E/S within EPB
 - Public institution F/E/S within EPB
 - Public transportation
 - Public residential
 - Retail & F/E/S within EPB

County list (for preparing energy plan)

- Identify staff requirements
- Identify volunteer requirements
- Set organizational positions
- Identify report content
- Identify existing state of the art of energy utilization
- Identify short medium long range objectives for efficient use of energy by user
- Identify energy classification systems
- Make research & data gathering assignment
- Prepare energy plan study draft
- Submit study draft to various agencies
- Administer K/A study draft
- Prepare revised material for program mgt of mayor
- Call for available energy programs & list

11/12/80
Objective of preparing & implementing a comprehensive energy program (CEP) (Continued)

- to provide advice & recommendations re efficient energy use to users
- to minimize adverse actions, effects, conflicts & influences on efficient energy use
- to develop & state standards of performance by which we can measure the effectiveness of energy use
- to prepare & implement plans for providing alternate energy sources
- to develop methods of advising, recommending, or mandating energy use standards & practices
- to recommend methods by which objective energy use information can be made centrally available to the user
- to develop methods by which users can be objectively counseled & guided regarding the value/cost of the type of energy, type of device, generation unit, distribution for evaluation & selection
- to suggest priority setting methods by which the user can best evaluate & select the type of energy, type of device, generation unit, distribution for evaluation & selection

Major objective of CEP (Statement of intent)

- To prepare guidelines, to identify state, and select appropriate programs for implementing, and to organize, staff, direct and control the implementation of selected programs - all for the efficient and beneficial use of energy within the energy plan boundary.

- to recommend energy use programs to be engaged in by public, quasi-public and private agencies

to prepare guidelines by which the Mayor's Advisory Committee on Energy (MACC) can be properly involved in preparing and implementing the CEP

CEP organizational needs

- From CDF desks
 - DCD } managing group
 - DPW }
 - All other desks - advisory
- Mayor's Advisory Committee on Energy
 - selected members
 - entire committee
- CEP administration
 - Mayor
 - Mayor's staff
- CEP council
 - County commission (C65)
 - Region 5 representatives
 - State representatives
 - Federal representatives } mandated?

Type of energy

- Fossil fuel
- Solar
- Wind
- Hydroelectric
- Renewal sources
- Recovery by recycling
- People generated
- Animal generated
- Gas thermal
- Chemical
- Nuclear

Type of device using energy

- Lighting
- Heating
- Cooling
- Transportation
- Manufacturing
- Communication
- Service use (ie. computers etc)
- Fabrication
- Production
- Domestic

Generating unit

- Unit per person
- Unit per structure
- Unit per family
- Unit per community
- Unit per region

Distribution methods

- By wire
- By pipeline
- By individual containers (all sizes)
- Through air & vacuum

Responsibility Code

- 1 City Council
- 2 Mayor
- 3 Jack Litzenberg
- 4 George Ussery
- 5 Claude Miller
- 6 Tony Kurlik
- 7 Project team (4,5,6)
- 8 Community Power

* General title

- MACC mtg #1 includes discussion & resolution of
- Inventory of existing programs
- Program content (boundaries, classification, objectives etc)
- Approval of statement of intent
- Approval of work budget
- Energy information

Abbreviation

- T/JL Time restraint
- CEP Comprehensive energy plan
- EPB Energy plan boundary
- MACC Mayor's advisory committee on energy

MONITORING RECORD			ISSUE RECORD	
DATE	DATE	DATE	ISSUE NO.	DATE
			1	Oct 2, 80
			2	Oct 24, 80
			3	Nov 12, 80

Resound Model No.

NETWORK MODEL FOR
ENERGY PLAN
PREPARATION
FLINT, MICHIGAN

RALPH J. STEPHENSON, P.E.
15064 WARWICK ROAD
DETROIT, MICHIGAN 48223
CONSULTANT PH 273-5026

#064

51

LN
HN