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**Conservation**

- (9) Standard tests for the energy performance of buildings should be established by the Federal Government so that energy-efficiency ratings can be assigned.  
(p. 121)
- (10) The Committee recommends that the Federal Government establish a standard procedure for testing the airtightness of buildings. The Committee further recommends that, once established, the test be applied to Federal buildings and to all new homes financed through the Canada Mortgage and Housing Corporation.  
(p. 121)
- (11) Lighting regimes in businesses and homes should be designed to ensure that electric energy is not wasted.  
(p. 121)
- (12) Underground construction should be encouraged in appropriate circumstances as an energy-conserving building technology.  
(p. 122)

**Ethanol**

- (13) The Committee recommends that the Federal Government, through Canertech, encourage the research, development and commercialization of cellulose-to-ethanol technology.  
(p. 127)
- (14) Ethanol should be used as a gasoline extender only and not as a substitute transportation fuel in pure form, except perhaps on farms.  
(p. 127)
- (15) The Committee recommends that the Government ensure, in its amendments to the Excise Act, that production of ethanol in excess of individual requirements may be sold to retail suppliers of alcohol fuel or gasohol.  
(p. 128)
- (16) The Committee does not endorse pure ethanol from starch or sugar feedstocks as a major alternative liquid transportation fuel for Canada. It does, however, recommend that fuel ethanol be permitted for personal use or for the production of gasohol.  
(p. 128)

**Methanol**

- (17) The Committee recommends that the construction of a hybrid natural gas/biomass methanol plant be encouraged to demonstrate this technology of methanol production as soon as possible.  
(p. 129)
- (18) Since hybrid natural gas/biomass methanol plants are a transitional step in establishing a fuel methanol industry, the Committee further recommends that such plants be converted when feasible to operation using biomass alone or biomass spiked with electrolytic hydrogen.  
(p. 129)
- (19) In the short term, Canada should allow fuel methanol to be sold at prices lower than gasoline in order to make it attractive as an alternative transportation fuel.  
(p. 130)

**Biogas**

- (20) The Committee recommends that the technology of anaerobic digestion should be actively pursued in Canada and that additional biogas reactors should be installed to demonstrate their effectiveness in the Canadian environment.  
(p. 131)