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ECONOMIC COMMISSION FOR EUROPE

COMMITTEE ON ENERGY  
WORKING PARTY ON GAS

Meeting of Experts on the  
Use and Distribution of Gas  
Twenty-sixth session, 13-14 September 1995  
Item 3 of the provisional agenda

MEASURES OF GAS CONSERVATION AND STUDY OF RESULTS

(Reply to the questionnaire, submitted by the  
Government of Turkey)\*

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\* In accordance with the decision of the Meeting of Experts at its twenty-fifth session, held in September 1994 (ENERGY/WP.3/GE.2/8, para. 5 (a)).

1. Is gas used in your country? If so, is it:
    - x natural gas
    - bottled gas
    - manufactured gas
  2. Is gas used for:
    - x cooking
    - x warm water heating
    - x heating
  3. If it is used for cooking, what is the consumption for cooking per household? 216 m<sup>3</sup>/a
  4. If gas is used for the preparation of hot water, what is the mean gas consumption for the preparation of warm water? 300 m<sup>3</sup>/a
- On the basis of appliances used for this purpose, provide a breakdown:
- by instantaneous water heater, directly heated by gas, per household and per year 300 m<sup>3</sup>/a
  - by storage heater, directly heated by gas, per household and per year -
  - by instantaneous water heater combined with boiler for room heating, both directly heated with gas, per household and per year 320 m<sup>3</sup>/a
  - by storage heater heated with the circulation water of the central heating boiler 240 m<sup>3</sup>/a
5. What is the average gas consumption for room heating?
    - Consumption per household and per year when heated with individual room heaters 1,500 m<sup>3</sup>/a
    - Consumption per household and per year when heated with individual central heating boiler 1,800 m<sup>3</sup>/a
  6. If a central heating boiler is used per household, is the temperature controlled mostly by one room thermostat? What is the mean setting:
    - in daytime 22° C
    - in the evening 15° C
    - at night? 15° C

7. Is there a difference in the mean setting among age groups?

- young,
- middle-aged,
- elderly,
- non-skilled,                      unknown
- medium-skilled,
- highly-skilled.

8. Is there a difference in efficiency of the appliances relation to the year of fabrication? State the efficiencies:

	Pre- 1970	1970- 1974	1975- 1979	1980- 1984	1985- 1990	%
- gas cookers						
- local heaters						72
- gas heaters						
- inst. water heaters						83
- storage water heaters						
- combined central heating and water heating boilers (a) water heated with circulation water (b) water heated with gas						75

9. Year of fabrication of the appliances:

	Pre- 1970	1970- 1974	1975- 1979	1980- 1984	1985- 1990
- gas cookers			x	x	x
- local heaters				x	x
- gas heaters					
- inst. water heaters			x	x	x
- storage water heaters					
- combined central heating and water heating boilers (a) water heated with circulation water (b) water heated with gas					x

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