COMMISSION OF THE EUROPEAN COMMUNITIES

COM(75) 22 final

Brussels, 31 January 1975

ENERGY SAVINGS
SHORT TERM TARGETS

(Communication and proposal by the Commission to the Council)

ENERGY SAVINGS SHORT TERM TARGETS

O. Conservation and rational utilization of energy

Recent developments on the energy market and the economic situation of the industrialized countries mean that the consecution of energy in the Community must be reduced, particularly that of oil. It order to achieve this objective, the Community has already established a programme for the rational utilization of energy (1).

This programme which applies to the medium and long term, is intended to reduce energy consumption without threatening the aims of economic and social development. Its initial impact should be felt in 1977 with a reduction of 3% over previous estimates and its effect will increase thereafter, with a saving of 15% in 1985 and 25% by the end of the century.

It is, however, necessary to undertake, in the immediate future, action designed to reduce the consumption of energy and, above all, oil as soon as possible, without waiting for the initial effects of the programme for the rational utilization of energy.

The adoption of an energy programme in the short term is justified to begin with by the necessity of utilizing most efficiently a resource which is becoming increasingly costly. It is equally worthwhile because of the alleviation which it would bring to the balance of payments deficits, thus reacting favourably on the economic situation of the whole of the Community. Finally, it would help to contribute to a détente in the world oil market.

Similar action in the short term corresponds to the possibility to which the Council referred, in its Resolution of 17 December 1974, of fixing "some specific energy savings measures in the very short term" (2).

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⁽¹⁾ Cf. Doc. COM(74)1950 final/2 and Resolution approved by the Council on 17 December 1974 Doc. R 18175(ENER 2).

⁽²⁾ Doc. R/3649/73 (ENER 79), 3 January 1975.

The purpose of the rational utilization of energy, while constituting a part of energy conservation, is to reduce consumption only by increasing the efficiency of known technologies and by cutting down unnecessary energy consumption(1); there remains the whole field of deliberate action by the public authorities to reduce consumption by pricing policies and by a series of measures going as far as genuine restrictions.

Energy-saving measures of this sort have the advantage of being applicable to existing patterns and means of consumption without any substantial investment; above all, they could be implemented almost immediately.

Before we consider the possibility of short term energy-savings (with or without an impact on living standards and economic growth), we must first set in perspective the recent showdown in demand over the last twelve months in order to have a clearer idea of what may be achieved by further action.

1. Growth in demand for energy 1972-75 and the short term objective for energy savings

At 1972 market rates (3.5 \$/bbl) and assuming an average growth of GNP of nearly 5% p.a., energy consumption (total requirements) during 1975 was estimated at 1,020 M toe, of which oil alone would have accounted for 595 M toe.

However, while economic development continued normally in 1973, there was a marked loss of momentum in 1974 and the same is expected for 1975 (2). This situation, together with a considerable increase in the price of crude oil (up to 10.5 \$/bbl), has led to a decrease in domestic energy consumption of 1.6% for 1974 compared with the previous year; for 1975 an increase of 1.6% is generally expected, which would bring internal consumption back to the 1973 level.

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⁽¹⁾ Communication from the Commission on the rational utilization of energy, p. 1 of the annex to the New Strategy.

⁽²⁾ GNP growth rate: 1974: + 2.0%; 1975: + 2.5%
Rate of growth of industrial production: 1974: + 1.0%; 1975: + 2.0%.

The slowdown in the growth of the demand for energy is mainly due to the fall in domestic consumption of oil products (about 6% for 1974 and estimated 5% for 1975, both figures by comparison with the preceding year). This decline in consumption of oil products resulted both from the short term economic situation and a reduction in consumption due to prices, and from the substitution of other energy sources, particularly coal.

alandari dan kerikan kandari dan	Consump-	Estimat	эв 1974	Estin	nates 1975)
	tion 1973 M toe	M toe	% over 1973	M too	% over 1974	% over a stimates 1972
akan kan kan kan kan kan kan kan kan kan				•		
Total energy requirements	1035	1015	- 1 . 9	1020	+ 0,5	- 13
Oil requirements	650	630	3.1	595	- 5.6	- 25
Internal consumption of energy	940	925	- 1.6	940	+ 1.5	<u>-</u> 11
Internal consumption of oil	560	525	<u>~</u> 6.3	500	- 4.8	- 27
Oil imports	640	615	·- 3.9	580	- 5.7	- 26
				1		<u> </u>

Compared with the estimates suggested in 1972, the evolution of energy and oil supplies would show a reduction in 1975 of 13% and 25% respectively. However, the curve is flattening out and further reductions are unlikely, as the effect of prices has already "skimmed off" that part of consumption which was the most easily cut back or replaced by other sources.

These factors have led to a complete reversal in oil import trends: until 1973 there was an annual average rate of increase of 7% p.a., but imports fell by 4% in 1974 and will do so by nearly 6% in 1975 (each figure by comparison with the preceding year). In view of the increase in price per barrel, oil imports of 580 M toe will have a major impact upon the balance of payments positions of the Member States. At an average price of 10.50 a barrel importing + 580 M tons of oil in 1975 will represent an expenditure of 45 billion dollar.

A further effort to reduce energy consumption, particularly of oil products, is therefore essential. The target is to achieve a reduction in the annual consumption of oil of about 7 % and a saving in energy of about 5 % seems realistic. These reductions in consumption could be achieved without a real sacrifice in consumer living standards and without affecting economic growth.

2. Energy savings in the short term

The reaction of both consumers and public authorities in the Member States to last winter's energy supply orisis and the considerable increase in the cost of energy has already led to a certain reduction in energy demand. It is possible to envisage, in the short term, a further reduction in the consumption of energy as compared to present estimates, by resort to certain constraints (for example, measures of a fiscal nature, tariffs, administrative and restrictive actions, see Annex I measures to implement policy and accelerating and reinforcing actions already undertaken or envisaged.

The actions to be taken with this objective ought to reflect such <u>criteria</u> as the ease and speed o implementation (at most three months after the decision has been taken by the public authorities) and of control in respect of the measures, the absence in the majority of cases of important investments and a substantial saving, notably of oil.

Some of the actions described above could require a delay of implementation greater than three months but should all the same, be undertaken as quickly as possible. In the same way, energy users will be encouraged to apply some of thes measures to the extent to which they are well informed of the necessity of saving energy.

In the domestic and tertiary sector, energy savings for total annual consumption, of about 8 % compared with the already lower consumption of this year may be expected, if the following measures for cutting back consumption for space-heating are systematically and compulsorily applied (for further details see Annexes 2 and 3):

- more effoicient use of heating and operation of heating installations (1);

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⁽¹⁾ for example, turning off the heating in temporarily-unoccupied areas (garage, bedroom), reducing the temperature in certain parts of buildings (halls, lobby and kitchen) or at certain times (night), thermostat regulation of differentiated heating for different rooms, regular servicing and cleaning of burners and furnaces, lagging of pipes in cellars, etc.

- a reduction in the heat losses (1).

In the transport sector, fuel savings could reach at least 5% through such measures as the following:

- setting certain limits to the use of individual vehicles in built-up areas, particularly during rush-hours (2);
- encouraging more widespread use of public transport and taxis (3);
- more functional regulation of traffic;
- more rational driving of vehicles.

In the industrial sector, the public authorities could bring about savings of about 4% by such measures as (4):

- more efficient heating of buildings;
- regular inspection of thermal combustion appliances (burners and furnaces);
- more efficient use of electricity for power and lighting;
- to a very limited degree, savings in the consumption of industrial heat.

In the energy industries sector, short term measures could be applied to refineries, which would reduce refinery consumption losses by 7% to 8%; this would mean savings of about 1% on refined products, by:

- eliminating certain major refinery losses (fuels, flaring-off, ancillary ener, sources, processes);
- more efficient use of total refinery capacity.

- (1) for example, improving roofing and wall insulation, closing curtains or shutters at night, reducing heat losses due to absence of draught-excluders round doors and windows, to an unnecessarily high rate of air change, or to an opened chimney damper.
- (2) for example, no parking or driving in city centres (cars to be towed away immediately), creation of pedestrian precincts and perimeter car parks.
- (3) Facilitate the use of collective transport (including taxis), by establishing bus-lanes which speed up the service and thereby increase the capacity of collective transport.
- (4) See Annexes 2 and 3.

To sum up, energy savings without a slowing down of economic growth or any real sacrifice by the consumer could amount to 50 M toe or 5% of internal consumption, and would involve savings of about 35 M toe or 7% in the internal consumption of oil.

3. Savings estimated for 1975 and 1976

In view of the progress of the year 1975 and the fact that certainly three to six months will be required before any decision can be effective, for the year 1975 one can estimate a saving of half the indicated results, that is energy savings of the order of 25 M toe and oil savings of about 17.5 M toe.

It would thus appear that, if recent developments which have already taken place in the energy market do bring about, through market forces and the developing economic situation, a slowing down in the growth of internal consumption for 1975, of 1.6%, and a reduction of oil consumption of 4.8% in relation to consumption in the previous year, additional savings, of about 2.7 and 3.5% respectively, could be achieved through the savings measures without requiring a considerable sacrifice from consumers or without slowing down economic growth.

The internal consumption of energy would thus show a decline of 1.1%, and that of oil a decline of 8.3% for the year 1975 as compared with 1974 (1).

For 1976, the additional savings that could be achieved for internal consumption are about 5% (energy) and 7% (oil).

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⁽¹⁾ In relation to estimates made "before the crisis" in 1972, these reductions are of the order of 12 and 35% respectively.

Short term energy savings

<u> </u>	Consump	Savinge	: (1)	Savings	for 1976	Savings millio	in \$ 1000 on (2)
	tion M ¹ 975	M toe	%	M toe	%	1975	1976
Total energy requirements	1020	25	2.5	50	5		
Oil requirements	595	17.5	3.0	35	- 6	·	
Internal consumption of energy	940	25	2•7	50	5		
Internal consumption of oil	500	17.5	3.5	35	7	·	
Oil imports	580	17.5	3.0	35	6	1.4	2.7
			<u></u>				1

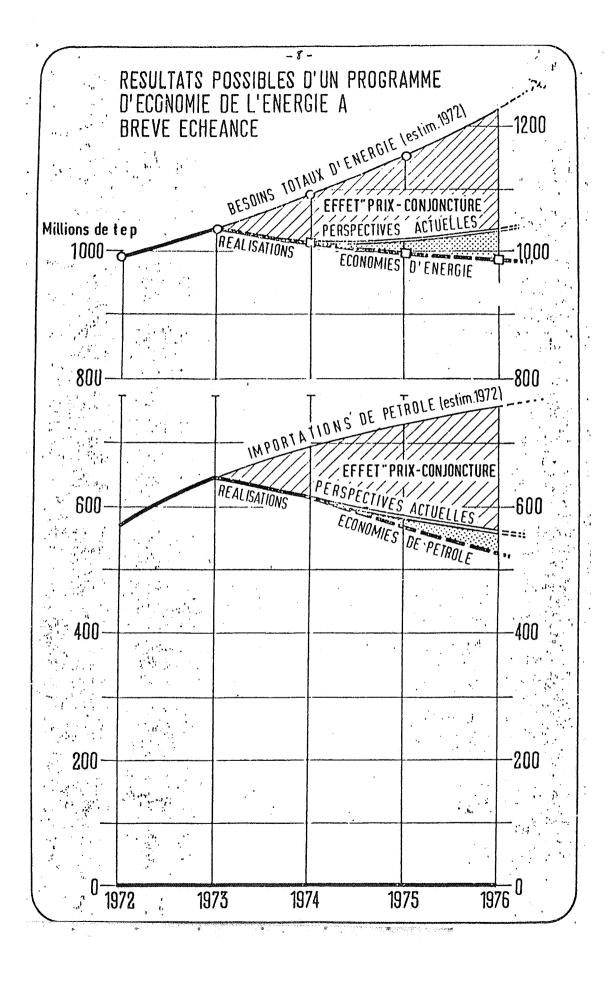
⁽¹⁾ The total savings on annual consumption for 1975 have been estimated at only 50% of the value, on the hypothesis of implementation of the measures for the second half of 1975.

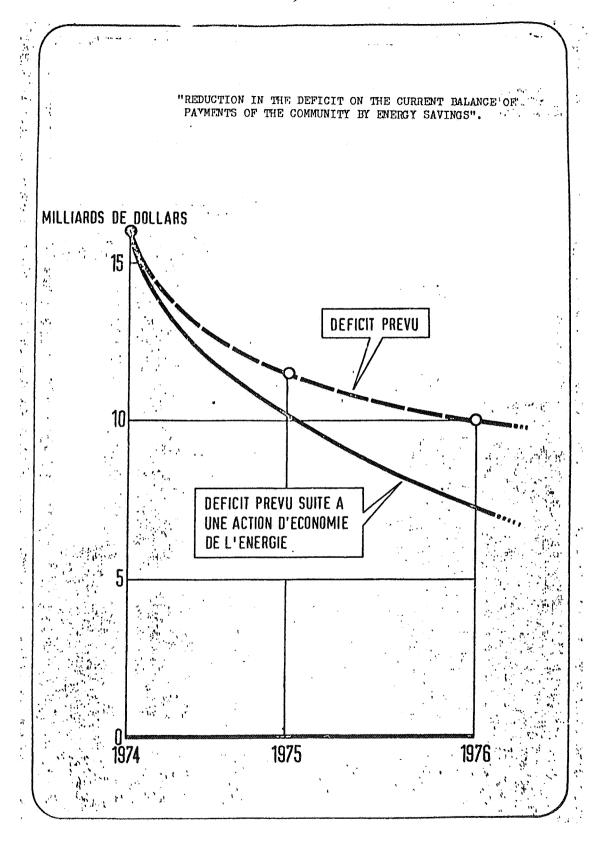
With regard to oil imports for the year 1975, this would represent a reduction of 3% which, added to that of 5.7% already estimated for this year, would reduce imports by 8.7% as compared to 1974.

In value, the reduction of oil imports can be calculated at 1,4 billion dollars.

For the year 1976, the full effect of these actions will double the savings and will reduce oil imports by about 3 billion dollars".

⁽²⁾ At a price of 10.50 \$/bbl, or 78 \$/t.





MEASURES TO IMPLEMENT POLICY

There are many kinds of measures to be used to achieve the objectives fixed for energy saving, such as:

- financial instruments: prices (progressive tariff structures for gas and electricity consumption, special prices for the consumption of oil products over and above a "normal" level, tariff structures for public transport, taxis etc.), taxes (tax relief, tax impositions etc.), specially preferential loans or aids (subsidies) etc.;
- local administrative powers concerning the determination of priority traffic lanes for public transport, the prohibition of parking in central areas and of private transport in certain commercial areas in the centre, the setting-up of alternative parking around peripheral terminals for public transport etc.;
- the introduction of minimum standards for consumption and efficiency in use, and measures to supervise them: thermal combustion (heating with oil products or gas), thermal insulation (as a function of a minimum standard of heat loss), background temperatures in buildings etc.;
- the systematic and massive use of all ways of informing : mass media, academic journals, training programmes;
- the rapid training (2 to 3 months) of technicians and other personal for all the services contributing to energy saving (maintenance burners, control of combustion etc.);
- and possibly, measures restricting consumption (1): reduced deliveries from producers, distributors of energy, moderate rationing etc.

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⁽¹⁾ Reducing deliveries of oil products for heating limiting at the same time the increase in consumption of gas or electricity, to avoid a simple substitution between fuels. A reduction in deliveries for heating of the order of 10% compared to a period of comparable climatic conditions (mean temperatures) and chosen from the winter 1973/74 (where certain voluntary savings were already in operation) seems bearable by the consumer without a reduction in his comfort (for example the background temperature) simply by the elimination of losses. (see annex 2).

The choice between these different methods will depend upon the situation in each of the member States, and the circumstances specific to each kind of consumption.

ANNEX 2

ACTIONS FOR ENERGY SAVING IN THE SHORT TERM

O. Criteria for the choice of action

Possible actions along the lines indicated in Annex 1 should reflect the following criteria:

- ease and speed of implementation (at the most 3 months after the decision of the public authority),
- supervision of the observance of measures,
- no need for large investment expenditures,
- resulting in a substantial saving, especially in oil,
- no impact on economic growth or the standard of living.

1. Actions in the area "Domestic and Tertiary"

The above criteria limit short term actions in the area "Domestic and Tertiary" to the following types:

a) Improving the distribution of heat

- stop heating in rooms permanently or temporarily unoccupied,
- reduced air currents or the period of ventilation (avoid excessive ventilation cooling rooms noticeably),
- ensure the proper sir humidity,
- reduce the temperature in rooms where peoples' presence is temporary or during the temporary absence of the occupants (work-place, schools),
- install individual thermostats in each room, regulate them differently according to the exposure to sunshine or the presence of occupants, reduce the temperature at night.

b) Improving the working of the heating systems

- cleaning and adjustment of the heating installation (at least once a a year and before the heating season),
- replacing defective parts, reducing the normal rate of heat generation.

c) Reducing heat loss

- improving the thermal insulation (roof, timbers, roofing, wall paper), insulating window frames, windows and doors and blocking them up where appropriate, insulation of pipes, climination of other losses such as those caused by open chimneys.

Time taken to implement them: immediate (apart from the installation of thermostats which requires several weeks). To be undertaken principally by the consumer himself.

2. Actions in the area of transport (1)

a) Restrict private motoring in towns

- more severe restrictions on the parking of private cars in urban central areas with the immediate removal of vehicles in breach of the law;
- interdiction to circulate in certain streets in urban central areas;
- encourage the use of public transport by creating alternative parking areas, and exclusive traffic lanes (which amongst other things, increase the speed very significantly and attracting passengers to public transport, and by adapting the capacity of public transport to the needs;
- balance the need for public transport by staggered working hours.

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⁽¹⁾ Measures to prohibit traffic on certain days do not seem adviseable. First of all the effect is very limited since the consumer will so organiso himself as to make his journeys on other days. In addition the true waste of fuel does not take place during journeys at the weekends since the vehicles are twice as much occupied as during the week, and the petrol consumption is less than half that experienced during the rush hours. Taking account of the different levels of occupation, consumption on holidays is around a quarter to a third of that of rush hour traffic, and can be less than that of a train. Lastly this type of measure may have too much risks for car production and tourism, while making for problems in social life (hospital visits). It is important, above all, in the transport sector, to take measures to reduce traffic congestion in towns and reduce the rush-hours where efficiency is low and the waste enormous.

- b) Better organisation of traffic flow (one-way systems linked to rush-hour and traffic entering or leaving town)
- 6) Adjusting lights and carburettors (at least once a year when visiting the garage for other reasons)

d) Car Pooling

Encouragement from the employer by simplifying the exchange of information (circulating lists, posting boards etc.), giving certain privileges (for example, reserved parking) ; encouraging — in town — hitch-hiking and creating the necessary insurance conditions, etc.

e) Proper car driving

Recommend more "reasonable" behaviour.

3. Industry

- more efficient heating of buildings,
- control of thermal combustion (burners and heat exchangers),
- better use of electricity for motive power and for lighting,
- savings in the use of industrial heat (the possibilities for action here seem limited, at least in the short term).

4. The Energy Industry

- the elimination of certain important losses in refining,
- the better use of the totality of the refinery capacity.

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Energy Savings

Surmary of actions

	Affer % total	Affected Consumption 1975 otal Mts. o	ion of which	P6'	Effect to total	Effectiveness of actions to save energy of which the of which will be save the contract of the	sections of which	Sarings in amual consumption according to the degree of restriction severe
			OLL Mt		red to real	•		瞎
ESTIC AND TERTIARY		320	135					
ting : cons. 75%		240	135					
. Improving the distri- bution of heat								
- mused rooms	m	7	4	100	m	7,2	4,0	
- adjustment thermostat	30	70	40	~	1,5	3,6	2,0	
- drop in night tempera- ture	30	10	- 40	<u>~</u>	, 4	2,4	1,4	
- reduction in ventil- ation	100	240	135	10	10	24,0	13,5	
2. Better working of systems					i	,		
 regular cleaning and adjustment 	40	100	55	27	4	9,6	5,4	
3. Reduction in heat loss	7 <u></u> 4							
- thermal insulation	10	25	14	15	1,5	3,6	2,0	
- shutting off (see L.1)	1	1	: 1	1	1	1	i	
action in sector l	100	240	135	13	14,6	46,7 ⁽¹⁾ .	24,8 (1)	5 2 25 14 47 25 1,5 1,5 7,8 10,3 15 18,5 %
Reduce temperature 2°C (21-19)	80			- ∞	6,4	20	æ	
17 0 T 05 T 17 T 18				ľ	24 25 7	+		take account of the fact that savings will

.3. The total effect of these actions cannot be arrived at by simple addition but must take account of the fact that savings a less to the extent that consumption is reduced by the savings made

\$\frac{\pi_2}{2}\$ efficiency (measures : information, promotion, financial (tax) incentives)

\$\frac{\pi_2}{2}\$ on measures

rationing at 15%

LHNEX 3

	Affected Consumption 1975	mpti on	Effectiveness of actions to save energy	actions	Savings in annual consumption according to the degree of	aption of
	% total Mtoe	of which oil Mt	% of total sector Mtos	of which oil Mt	restriction cone medium (2) (3) Mtoe Mt Mtoe Mt	severe (4) Mtoe Mt
2. TRANSPORT	130	115		ı		da n daging mendakkatik
2.1. Limiting private transport in towns	40	52				g _e gg _e gg _e gg _e gg
prohibition of parking) and circulation			α	0		pidaehila Dafirant
- encouraging the use of)	40	26	0	1 1	,	<u>Addicinal and</u>
2.2. adjustment to traffic	40	. 52	5 2	1,0		utocent provide the Charles
2,3. Adjustment to lights and	100	115	5 5 -	5,8		
carourettor 2.4. Car pooling	40	52	8 3.	I,6 .		
2.5. Better driving of the vehicle	1e 100	115	5.	5.8		
Total actions in sector 2	130	511	12,2 10,8	14,0(1)		14
	de de la constante de la const		awash.		1,1 2,4	2.01

(1) see preceeding table (2)(3)see preceeding table (4) overall and strict application, even rationing at 153

	Affec	Affected Consumption 1975	ption		Effectiveness of actions to save energy	ctiveness of a to save energy	ctions	Savings in according 1	Savings in annual consumption according to the degree of	nsumption ree of
	% total		of which oil Mt	DE.	of total sector Mtoe	sector	of which	none (2) Mtoe Ht	restriction medium (3) Htoe Mt	severs (4) Mtoe Mt
3. INDUSTRY energy consumption		385	165							
3.1. Better heating of	15	47	17	15	2,3	7,2	2,5			
buildings 3.2. Control of thermal combustion	8	250	100	'n	4,0	12,5	5,0			
3.3. Better use of active force, lighting	9/ 10	39	13(a)	N	0,2	8,0	0,3			
3.4. Better use of industrial heat	75	240	80	N	2,5	T.4	1,6	·		
Total sector 3		385	165		6,5	25(1) 8%	9(1) 7%	2,50,8	13 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9(5)
4. THERCY INDUSTRY - Refineries (reduced losses	100	38	JE"	<u> </u>	IJ	īU	ľv			
- Power stations and others		t	ı	,	1	1	1	1	1	1
Total sector 4	100	38	37	13	13	7	5	5	5	5
Total inland consumption With actions 1 - 4	whompstyre enfancing constitution	940	200	<u> </u>		90,7 110,7	52,8 60,8	14 9	50 35	91 53

ANNEX 3

(a) Consumption of oil in electricity
(1) see table 1
(2) (3) (4) see table 1
(5) The "severe" consumption was not considered for oil used in industry

Summary table
of savings realised by actions to save energy

Savings			INGS onths			CONSUMPT	1975 NOI!	
Sectors	Energ % of consu of sector		0il % of consu of sector	mption Mt	Present Mtoe	forecast Mt (1)	with e saving Mtoe	
. Domestic								
& Tertiary	8	25	10	14	320	135	307	128
. Transport	, 5	7	5	7	130 ·	115	127	111
. Industry	3	13	. 5	9	385	165	378	161
- energy cons.			, ,	t	315 70	110 55		
. Energy industry	5	5	6	5	100	80	98	78
. Losses & statist.				eines	5	5	5	5
Total: inland consumption	5 '	50	7	35	940	500	915	483
Bunkering & exports	100 100 100 100 100 100 100 100 100 100			AND THE BUT	80	75	80	75
Total needs	5	50	6	35	1020	575	995	558

⁽¹⁾ These tonnages do not include oil consumption through the intermediary of electricity.

⁽²⁾ Savings for the 2nd half-year of 1975, therefore around half the value of annual savings.

Essai d'Estimation de la consommation d'énergie par pays (*), pour 1974

105 tes	pc.	Industries	3.7.7	Transports	Domes	Domestique	Consorration inter.	
1. 1.	Energie	dont: Petrole	Energie	dont: Pétrole	Thergie	dont: Pétrole	Energie	dant: Petrole
8.9.100.0	26,5	7.2	4,3	0,4	14,0		47,5	27,1
National State of Sta	5,0	3,6	3,0	Q,	10,0	6,9	16,9	14,6
Sentsonland	144,5	42,6	32,5	8, 5,	5,06	52,9	257,4	130,9
renos	0,86	53,7	31,5	30,2	57,0	32,7	176,4	र्फाइ
Lrelard	0,4	ຜູ້	1,2	1,2	2,2	4,0	ð. Ž	4 Ú
0 -1 -1 -1 -1	63,0	26,4	18,5	17,3	33,0	6,71	138,4	100,9
Fur.ognernd	0,4	0,0	0,2	0,2	1,0	9,0	E.S.	i)
Mederland	25,0	10,5	7,3	7,0	16,0	⊅ , 0	63,5	28,2
United Kingdom	65,0	31,0	8) O	28,1	0.67	학 프	212,8	102,3
Communanté	555,0	179,3	127,5	120,4	302,5	131,3	925,3	524,5
				,	(1000 (10)			

Sources: 1° Bilans trimestriels d'énergie le et 2e trimestres 1974 (doc. SEC (74) 2683)
2º Bilans trimestriels d'énergie 2e et 3e trimestres 1974 (doc. SEC (74) 5243)
3º Pour le 4e trimestre 1974 : a) Deutschlamd & United Kingion : Réponses aux questionnaires règlement 293/74
b) autres pags : estimations de la Commission.

Note: En raison de l'absence de statistiques de consonnation par secteurs à l'OSCE, pour 1973, compte tenu du degré d'approximation dont il faut créditer les réponses au règlement 293/74 ainsi que les estimations de la Commission, et vu les définitions des différents secteurs pouvant varier d'un pays à l'autre,

a) les données du tableau ne sont présentées qu'à titre strictement indicatif,

b) les indications par secteurs ne sont pas toujours directenent comparables avec l'estimation "consommation intérieure".

ANNEX 4

PROPOSAL FOR A DIRECTIVE OF THE COUNCIL CONCERNING THE CREATION OF A SHORT TERM TARGET FOR THE SAVING OF ENERGY

The Council of the European Communities,

In view of the Treaty establishing the European Economic Community, and notably its Article 103,

In view of the Commission's proposal,

Considering the resolution of the Council of the 17th September 1974,

Considering the resolution of the Council of the 17th December 1974 concerning the objectives for 1985 of a Community energy policy,

Considering the resolution of the Council of the 17th December 1974 concerning the programme of Community action in the field of the rational use of energy,

Considering that the reduction in the growth of the inland consumption of energy through measures for the rational utilisation of energy constitutes one of the objectives of the Community energy policy,

Considering that the Community can, through a reduction in oil imports, contribute to a reduction in the pressure relating to world prices and to alleviate the burden on the balance of payments resulting from the present level of the price of oil,

Considering that it is therefore essential to establish a target for the reduction of oil consumption in the Community,

Considering that these measures ought to be taken by the Member States in order to assure the realisation of this objective,

DECIDES THE PRESENT DIRECTIVE :

ANNEX 4

First Article

The Member States should take measures designed to bring about a further reduction of 7 % in the Community's consumption of oil expected during the next twelve months.

Article 2

The Member States should implement, before the Ist July 1975 all legislative, regulatory or administrative measures which are necessary for the objective envisaged in the first article to be realised. They will keep informed and coordinate activities in this field through the Energy Committee.

Article 3

The Commission should present to the Council quarterly, after discussion with the Energy Committee, a report on the measures taken by the Member States and on the achievement of the objective envisaged in the first article. It will present a first report before the Ist August 1975, on the measures taken.

Article 4

The Member States are the recipients of this directive.

Brussels,