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REMARKS BY SENATOR HUBERT H. HUMPHREY

ST. CLOUD ENERGY DAY

ST. CLOUD, MINNESOTA

OCTOBER 31, 1973

*Ray Hughes*  
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ST. CLOUD ENERGY DAY

Food - Fuel - & Nat Security  
Shortages - Crisis

THE ENERGY PROBLEMS RECOGNIZED LAST SPRING BY THE PEOPLE AND LEADERS OF ST. CLOUD, AS YOU FACED A FUEL PROBLEM, ARE JUST NOW DAWNING ON MOST OF THE REST OF THE NATION. (President's Proposals this morning)

THE CONCLUSION YOU REACHED, THAT A MAJOR EFFORT WAS NEEDED TO ENHANCE PEOPLE'S AWARENESS OF WHAT THEY COULD DO TO CONSERVE ENERGY, WAS "RIGHT ON TARGET."

↳ TODAY YOUR AGGRESSIVE ENERGY CONSERVATION PROGRAM (OVER PUBLIC MEDIA, IN BUSINESS ESTABLISHMENTS, BY GOVERNMENT, ETC.)

IS ONE OF THE FIRST SERIOUS EFFORTS IN THE NATION, (MANY EYES ARE ON ST. CLOUD, WATCHING YOUR EFFORTS WITH KEEN INTEREST.

(AN INTERIOR DEPARTMENT CONSERVATION EXPERT IS VERY INTERESTED  
IN ST. CLOUD'S PROGRAM AND DOES NOT KNOW OF ANY PROGRAM AS  
ADVANCED ANYWHERE ELSE IN THE COUNTRY.)

L I COMPLIMENT ALL OF YOU THAT HAVE BEEN INVOLVED FOR  
YOUR FORESIGHT.

THE ENERGY CRISIS

L AMERICANS USE MORE ENERGY PER CAPITA THAN CITIZENS OF  
ANY OTHER NATION IN THE WORLD. IN FACT, THE AVERAGE AMERICAN  
CONSUMES MORE THAN TWICE AS MUCH ENERGY DAILY AS DOES THE AVERAGE  
PERSON IN THE RELATIVELY WEALTHY AND MODERN NATIONS OF WESTERN  
EUROPE.

- ① European, Japanese industry consumes 10 to 20% less for similar product
- ② <sup>US</sup> Food - 9 calories fuel - for 1 calorie food  
5 " " " " " "
- ③ Car - 1973 Vega - gets same gas mileage as 1966 Cadil.  
with an additional carbonyl in the engine

WITH ROUGHLY 6% OF THE WORLD'S POPULATION, AMERICA  
CONSUMES 35% OF ALL THE ENERGY USED IN THE WORLD EACH YEAR. WE  
ARE ENERGY GLUTTONS.

BUT THE DEMAND FOR ENERGY IN OUR COUNTRY IS GROWING MORE  
RAPIDLY THAN OUR ABILITY TO PRODUCE IT.

TOTAL ENERGY CONSUMPTION IN THE U.S. HAS MORE THAN  
DOUBLED SINCE 1950. DOMESTIC PRODUCTION HAS NOT KEPT PACE, AND  
WE HAVE BEEN REQUIRED TO IMPORT MORE EACH YEAR TO MEET OUR NEEDS.  
IMPORTS, WHICH ACCOUNTED FOR A MERE 1.2% OF OUR ENERGY SUPPLIES IN  
1950, ACCOUNTED FOR 13.5% THIS YEAR AND ARE PROJECTED AT 23.5%  
OF OUR TOTAL ENERGY REQUIREMENTS BY 1985.

FOR THE FIRST TIME SINCE WWII, THE U.S. HAS HAD TO  
INSTITUTE A FORM OF FUEL RATIONING FOR PROPANE, HOME HEATING  
OIL, JET FUEL AND OTHER PETROLEUM DISTILLATES. DESPITE THESE  
MEASURES, EXPERTS EXPECT THAT HEATING OIL SUPPLY THIS YEAR WILL  
BE AT LEAST 100,000 BARRELS A DAY SHORT OF DEMAND, EQUAL TO 5%  
OF ESTIMATED NEEDS FOR AN AVERAGE WINTER. *(In Minnesota this shortfall would be  
much greater than 5%)*

### EFFECTS OF ENERGY SHORTAGES

↳ SINCE OUR UNPRECEDENTED LIVING STANDARD HAS BEEN BUILT  
LARGELY ON ENERGY EXTRACTED FROM OIL, GAS, AND COAL, A THREAT TO  
THEIR AVAILABILITY AT REASONABLE PRICES PLACES OUR WHOLE LIFE  
STYLE IN DANGER.

THESE "FOSSIL FUELS" HEAT OUR HOMES, POWER OUR AUTOMOBILES,  
COOK OUR FOOD, HEAT OUR WATER, RUN OUR FACTORIES, AND HARVEST  
OUR AGRICULTURAL PRODUCTION,

ENERGY SHORTAGE CAN MEAN:

-- Food Shortage — x fertilizers, planting + harvest

-- INCREASED INFLATION

-- REDUCED PRODUCTION

-- HIGHER RATES OF UNEMPLOYMENT

-- SHORT-SIGHTED ENVIRONMENTAL POLICIES

-- DETERIORATION IN BALANCE OF PAYMENTS, AND

-- REDUCED INDEPENDENCE IN FOREIGN POLICY

TO THE CONSUMER, ENERGY SHORTAGE ALSO MEANS INCONVENIENCE,  
HIGHER PRICES, AND POSSIBLY, PERSONAL HARDSHIP.

WHAT TO DO

I BELIEVE THAT WE MUST DO ALL THAT IS NEEDED TO PROVIDE THE U.S. WITH A "SELF-SUFFICIENCY" OF ENERGY. THE PROSPERITY AND SECURITY OF OUR PEOPLE REQUIRE IT.

*Exploration of shale*  
*Research*  
*Coal*  
*Solar*  
*Geo-Thermal*  
*oil shale*  
*nuclear*

SELF-SUFFICIENCY MEANS A LONG-TERM COMMITMENT TO MORE

EFFICIENT USE OF KNOWN ENERGY RESOURCES AND EXPANDED EFFORTS TO

DISCOVER NEW SUPPLIES OF ENERGY / EXPANDED SUPPLY ALSO MEANS A

MUCH GREATER RESEARCH AND DEVELOPMENT EFFORT ON POTENTIAL SOURCES

OF ENERGY (NUCLEAR, SOLAR, GEOTHERMAL, ETC.).

↳ FOR THE IMMEDIATE FUTURE IT MEANS WE MUST PLAN THE USE

OF OUR INSUFFICIENT ENERGY RESOURCES IN A WAY THAT WILL MINIMIZE

THEIR DISRUPTIVE IMPACT ON OUR ECONOMY AND ON THE QUALITY OF LIFE

OF OUR PEOPLE.

FOR THIS REASON, BEING A REALIST, I HAVE ADVOCATED

A MANDATORY ALLOCATION PROGRAM ( FINALLY, THE EXECUTIVE BRANCH HAS

TAKEN ACTION TO ESTABLISH SUCH A PROGRAM. I BELIEVE IT WILL BE

HELPFUL, AND THAT IT IS A NECESSITY, ALTHOUGH WE WOULD ALL PREFER

NOT TO NEED IT.

(*conservation*)

h OUR MAJOR EFFORT TO RESTORE THE BALANCE OF ENERGY SUPPLY AND

DEMAND IN THE SHORT RUN, HOWEVER, MUST BE CONSERVATION. (EFFECTS

WILL BE SEVERE ON ALL OF US UNLESS WE CURB OUR CONSUMPTION. (WE MUST

SOBER UP AND GET OFF THE "ENERGY BINGE." (TO BE SUCCESSFUL IT WILL

REQUIRE A CONCERTED EFFORT BY INDUSTRY, GOVERNMENT AND INDIVIDUALS.

NONE OF US LIVE IN "GLASS HOUSES" WHEN IT COMES TO WASTING ENERGY,

SO NONE OF US CAN PLACE ALL THE BLAME ON OTHERS.

CONSERVING ENERGY

↳ EXPERTS SAY THAT WE WASTE BETWEEN 25% AND 40% OF ALL THE ENERGY USED IN OUR NATION. NOT ONLY DOES THIS CUT DOWN THE AMOUNT AVAILABLE FOR ACTUAL USE, BUT IT ALSO MEANS UNNECESSARY ENVIRONMENTAL DEGRADATION.

↳ I WON'T ATTEMPT TO CATALOGUE THE STEPS THAT CAN BE TAKEN, QUITE PAINLESSLY, IN OUR HOMES, AUTOMOBILES AND PLACES OF BUSINESS TO REDUCE NEEDLESS CONSUMPTION. YOUR COMMITTEE HAS ALREADY DONE A GOOD JOB OF THAT. HOWEVER, I WOULD MENTION THAT A TREASURY DEPARTMENT ENERGY CONSERVATION CONSULTANT INDICATES THAT 2 TO 3 MILLION BARRELS OF OIL OR EQUIVALENT COULD BE SAVED EACH DAY IF WE CARRIED OUT A FEW RATHER SIMPLE SUGGESTIONS.

THIS YEAR, THE AVERAGE AMERICAN HOUSEHOLD WILL SPEND

\$743 TO MEET ITS ENERGY NEEDS -- ABOUT 7% OF THE AVERAGE FAMILY

INCOME. THE LARGEST PORTION OF THIS, ABOUT \$350, GOES FOR GAS

FOR YOUR AUTOMOBILE. A "COMMON SENSE" APPROACH TO ENERGY USE IN

YOUR HOME AND IN YOUR CAR WILL NOT ONLY HELP THE COUNTRY GET

THROUGH THE ENERGY CRISIS, BUT IT WILL ALSO SAVE YOU A SUBSTANTIAL

AMOUNT OF MONEY. THE EXPERTS SAY THAT THE AVERAGE FAMILY COULD

QUITE EASILY SAVE \$75 TO \$110 IN THE NEXT TWELVE MONTHS BY TAKING

JUST A FEW INEXPENSIVE MEASURES

WHAT IS NEEDED TO CUT CONSUMPTION ENOUGH TO GET US THROUGH

THE WINTER, AND TO BEGIN TO CHANGE SOME OF OUR MORE WASTEFUL

ENERGY USE PRACTICES FOR THE LONG RUN, IS A MORE "ENERGY CONSCIOUS"

PEOPLE.

I BELIEVE THAT WE CAN DO IT, AND THE PROOF OF THIS CONVIC-  
TION IS THE EFFORT OF YOUR COMMUNITY AND THE SUCCESS THAT I AM  
CONVINCED YOU WILL HAVE.

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