

ATTACHMENT A

MCA/FEA BASIS REPORT

4/1/76 TO 6/30/76 COMPARED

TO 1972

TABLE 1

ABERDEEN PLANT ENERGY USE

1972 BASE PERIOD VERSUS PERIOD OF APRIL 1, 1976 TO JUNE 30, 1976

	1972 Base Period			April 1, 1976 to June 30, 1976		
	Base Period Total Pro- duction	Base Period Total Energy Inputs	Base Rate Consumption	Period Total Production	Period Total Energy Inputs	Comparison Base Period Equivalent Inputs
	10 ⁶ Lbs.	10 ⁶ BTU	BTU/Lb.	10 ⁶ Lbs.	10 ⁶ BTU	10 ⁶ BTU
<u>CONTINENTAL OIL COMPANY</u>						
Aberdeen PVC Plant						
PVC Resin	175.7	586486	3338	44.2	88283 (3)	147540
Dry Blend	32.1	39996	1246	9.4	7008 (3)	11712
Compound	52.3	206689	3952	7.0	16553 (3)	27664
Plasticizer	21.8	94546	4337	2.5	6483 (3)	10843
	281.9	927717		63.1	118332	197759
Subtotal						
Fixed Energy	-	246503		-	61626 (1)	61626 (1)
Total	281.9	1174220		63.1	179958	259385
<u>OSHA AND ENVIRONMENTAL</u>						
Waste Water Treating					3686 (2)	
Environmental and Breathing Air					1640 (2)	
Other (44.2 x 10 ⁶ x 1.3 x 45 + 1.1 x 44.2 x 10 ⁶ x 1 x 45)					4774	
					10110	
Total Controllable Inputs Less Environmental					108222	
Total Inputs Less Environmental					169848	

CONSERVATION PERCENTS

- 30.6 Savings Based Upon Total Energy Input
 40.2 Savings Based Upon Controllable Energy Input With OSHA And Environmental Included
 34.5 Savings Based Upon Total Energy Input Without OSHA And Environmental
 45.3 Savings Based Upon Controllable Energy Input Without OSHA and Environmental

Notes: (1) 1972 Fixed Energy ÷ 4 quarters. (2) Value obtained by dividing yearly total by 4.
 (3) Estimates based upon across the board 40.2% controllable energy savings.

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TABLE 2
ENERGY CONSERVATION REPORT FOR COMMERCE/FEA
ABERDEEN PVC PLANT

For Three Month Reporting Period April 1, 1976 to June 30, 1976

1. Current Period Total Production	<u>63.1 x 10⁶ Lbs.</u>
2. Current Period Controllable Energy Inputs (3.-61626 x 10 ⁶)	<u>118332 x 10⁶ BTU</u>
3. Current Period Total Energy Inputs	<u>179958 x 10⁶ BTU</u>
4. Comparison 1972 Controllable Energy Inputs (5.-61626 x 10 ⁶)	<u>197759 x 10⁶ BTU</u>
5. Comparison 1972 Total Energy Inputs	<u>259385 x 10⁶ BTU</u>
6. Current Period Total Energy Consumed To Meet OSHA and Environmental Requirements Not In Effect In 1972	<u>10110 x 10⁶ BTU</u>
7. Controllable Energy Inputs Less OSHA and Environmental (2.-6.)	<u>108222 x 10⁶ BTU</u>
8. Total Energy Inputs Less OSHA and Environmental (3.-6.)	<u>169848 x 10⁶ BTU</u>
9. Percent Reduction Based Upon Total Energy Consumption <u>5.-3.</u> 5.	<u>30.6%</u>
10. Percent Reduction Based Upon Controllable Energy Consumption With OSHA and Environmental Included <u>4.-2.</u> 4.	<u>40.2%</u>
11. Percent Reduction Based Upon Total Energy Consumption Without OSHA and Environmental Included <u>5.-8.</u> 5.	<u>34.5%</u>
12. Percent Reduction Based Upon Controllable Energy Consumption Without OSHA and Environmental Included <u>4.-7.</u> 4.	<u>45.3%</u>