



STRONG FEDERAL LEADERSHIP NECESSARY

NOW

- U.S. FEDERAL SUPPORT FOR WIND ENERGY R&D AND PROTOTYPE DEVELOPMENT BY INDUSTRY

	<u>1980</u>	<u>(1981)</u>
NASA - LARGE HAWT'S	\$30 M(U.S.)	\$40 M(U.S.)
SANDIA - ALL VAWT'S	\$2.3M(U.S.)	\$ 8 M(U.S.)
APPROX. TOTAL WIND PROGRAM	\$50 M(U.S.)	\$80 M(U.S.)

- SIX MEGAWATT-SCALE HAWT'S UNDER CONTRACT/MANUFACTURE
- RFP FOR MEGAWATT-SCALE VAWT'S RELEASED JUNE 1980
- CANADIAN LEAD IN VAWT TECHNOLOGY ABOUT TO VANISH AS U.S. MOVES POWERFULLY (IF BELATEDLY) INTO VAWT FIELD.
- CANADIAN UTILITIES WILL PURCHASE U.S. MACHINES UNLESS PROVEN, COST-EFFECTIVE CANADIAN PRODUCTS EXIST.

FOR PROJECT "AEOLUS"

RESEARCH, DESIGN, DEVELOPMENT, CONSTRUCTION, TESTING, AND EVALUATION OF A MEGAWATT-SCALE VERTICAL AXIS WIND TURBINE (VAWT)

- LOGICAL AND NECESSARY STEP IN WIND ENERGY PROGRAM EVOLUTION
- HYDRO QUEBEC AGREE TO FULL TECHNICAL AND FINANCIAL PARTNERSHIP
- TECHNICAL AND ECONOMIC BACKGROUND STUDIES COMPLETED
- GOOD SITES ESTABLISHED
- PROJECT SCHEDULES AND COSTS DEFINED, BASED ON 1980 START
- FEDERAL SHARE \$ 11,431,000 INCLUDING ESCALATION OVER 4 YEARS.