

Federal-Provincial Agreements for the Development and Demonstration of Conservation and Renewable Energy Technologies

\$113.8 million over five years

2. No.

In so far as Public Works Canada is concerned:

1. (b) Yes

(i) and (ii) Apart from the PUSH and PASEM programs Public Works Canada is charged with the Low Energy Building Design Awards Program which seeks to encourage the adoption of energy efficient commercial and industrial building designs and systems, with particular emphasis on benefiting from passive solar heating techniques. The budget for this program is \$420,000.

2. Yes, reports are available for the Low Energy Building Design Awards Program.

In so far as the Canada Mortgage and Housing Corporation is concerned:

1. CMHC has no program in operation designed specifically to promote the use of renewable energy resources. The corporation does however collaborate with Public Works Canada in the PASEM and PUSH programs and, through its appraisal technique, makes appropriate allowance for solar energy installations.

2. No.

In so far as Agriculture Canada is concerned:

1. (d) Yes.

(i) Energy under the contracting-out program.

(ii) For 1980-81, 23 contracts at an estimated cost of \$476,200.

2. Yes.

In so far as Supply and Services is concerned:

1 and 2. Although DSS acts as a service agency in support of the operational programs of other federal government departments and agencies, it has not been the originator of in-house programs for the use of renewable energy resources.

In so far as the National Research Council is concerned:

1. (f) NRC is responsible for R/D programs to develop technology relating to renewable energy resources. NRC does not administer any programs designed to promote the use of renewable energy resources.

2. Not applicable.

PROGRAM OF ASSISTANCE TO SOLAR EQUIPMENT MANUFACTURERS (PASEM)

Question No. 1,312—**Mr. Schellenberger:**

1. Since the inception of PASEM (Program of Assistance to Solar Equipment Manufacturers), which firms have been awarded moneys for the manufacture of solar equipment, and what amount per year did each receive?

2. On what date is it estimated that the evaluations which are being made of the Department of Public Works buildings by the firms, and the resultant

proposals for the installation of hot water systems on certain of the buildings, will be completed?

3. Will the evaluations and proposals be made available to the public?

Hon. Paul J. Cosgrove (Minister of Public Works): 1. Firms

| Firms | Contract Amount | Crown's Share | Expended | |
|---|-----------------|---------------|-----------|-----------|
| | | | 79/80 | 80/81* |
| Amherst Renewable Energy Perth, Ontario | \$ 366,042 | \$ 245,546 | \$ 86,575 | \$ 43,783 |
| Solar Systems Industries Ltd. Richmond, B.C. | 323,707 | 225,780 | 106,896 | 9,881 |
| Ottawa Solartronics Ltd. Kanata, Ontario | 275,155 | 198,689 | 100,911 | 31,595 |
| Thermo Solar Inc. Ville St. Laurent, P.Q. | 379,875 | 239,906 | 105,938 | 55,217 |
| Temspec Ltd. Downsview, Ontario | 435,900 | 283,595 | 198,471 | 22,289 |
| Solatherm Inc. Mississauga, Ontario | 569,440 | 300,000 | 89,451 | |
| Watershed Energy Systems Ltd. Toronto, Ontario | \$ 478,318 | \$ 300,000 | \$118,542 | \$ 28,894 |
| Nortec Solar Industries Ltd. Ottawa, Ontario | 403,606 | 284,905 | 147,904 | 53,183 |
| G.S.W. Ltd. Mississauga, Ontario | 319,330 | 207,998 | 10,314 | 762 |
| Electrohome Ltd. Kitchener, Ontario | 359,756 | 241,103 | — | 16,939 |
| Total | \$3,911,129 | \$2,527,522 | \$965,002 | \$262,543 |

*To July 16, 1980

2. The solar programs office is charged with the management and administration of the PUSH Program which is expected over the five-year duration of the program to contract over 2000 solar heating systems on federal government buildings (for many departments) and for buildings owned and operated by various Crown corporations.

This is an ongoing process and currently the solar programs office is evaluating feasibility studies, design studies and detailed designs for over 200 projects. These projects are not restricted to the PASEM winners.

The PASEM winners have been given the opportunity to develop turnkey proposals for suitable solar installations to demonstrate their product, state of the solar construction art in Canada as a means of providing base line information in the evaluation of future proposals. These projects are currently being scheduled for completion by the end of September.