

Serica Energy plc

("Serica" or the "Company")

Share Purchase by Directors

Serica Energy plc (TSX: SQZ; AIM: SQZ) announces that the Trustees of the Serica Energy Share Incentive Plan ("the Plan") have made purchases of Serica shares under the terms of the plan on behalf of employees and officers of the Company as a result of which certain directors increased their beneficial shareholdings in the Company by a total of 2,763 shares on 14 February 2011, as follows:

Paul Ellis (Chief Executive) acquired 921 ordinary shares at a price of 40.75 pence per share taking his total beneficial shareholding to 931,205 shares representing 0.53% of the voting rights;

Christopher Hearne (Finance Director) acquired 921 ordinary shares at a price of 40.75 pence per share taking his total beneficial shareholding to 739,665 shares representing 0.42% of the voting rights;

Peter Sadler (Chief Operating Officer) acquired 921 ordinary shares at a price of 40.75 pence per share taking his total beneficial shareholding to 81,205 shares representing 0.05% of the voting rights.

The Company has 176,660,311 shares issued and outstanding.

16 February 2011

Serica Energy plc

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