

NXT ENERGY SOLUTIONS ADVISES OF FILING OF Q2-2017 RESULTS For release on Monday, August 14th

CALGARY, ALBERTA, August 14th, 2017 - NXT Energy Solutions Inc. ("NXT Energy" or the "Company") (TSX:SFD; OTCQB:NSFDF) advises that its interim financial and operating results for the three month quarter ended June 30th, 2017 ("Q2-2017") have been filed in Canada on SEDAR at www.sedar.com, and will be available in the USA on EDGAR at www.sec.gov/edgar, and on NXT's website at http://www.nxtenergy.com/.

A condensed summary from the Q2-2017 interim consolidated financial statements, with comparative figures for the three month period ended June 30th, 2016 ("Q2-2016") is given below.

George Liszicasz, NXT Energy's President and CEO, noted "we have made significant progress in developing new business opportunities and we look forward to discussing these, and the status of our ongoing projects, with our investors during the upcoming conference call".

NXT Energy advises that it will host a brief investor and media conference call, hosted by George Liszicasz, on Thursday, August 17th, 2017 at 2:30 pm MT (4:30 pm ET), to discuss the Q2-2017 results, and recent business development initiatives.

Interested parties are invited to participate in this call, using one of the applicable numbers as follows:

Operator assisted, toll-free, dial-in number:Canada & USA1-800-898-3989International *https://www.confsolutions.ca/ILT?oss=7P1R8008983989Passcode:5560332#

* If dialing in from out with Canada or the USA, Please log in to this website to locate the toll-free number for your area.

Highlights of unaudited Q2 Interim Financial Results

All selected and referenced financial information should be read in conjunction with the Company's unaudited interim consolidated financial statements and the related management's discussion and analysis ("MD&A") for the Q2-2017 period.

(unaudited - all in Canadian \$)	Q2-2017	Q2-2016
Survey revenues	\$ -	\$ -
Survey expenses, net	612,342	157,365
General & administrative expenses	1,337,051	1,833,326
- -	1,949,393	1,990,691
Non-cash expenses		
Amortization expense	474,558	520,493
Stock based compensation expense	169,033	135,000
	643,591	<u>655,493</u>
Foreign exchange and other expenses, net	49,702	29,156
Total expenses	2,642,686	2,675,340
Loss before income taxes	(2,642,686)	(2,675,340)
Income tax (recovery)/expense	(81,270)	31,402
Net loss for the period	(2,723,956)	(2,643,938 <u>)</u>
Net loss per common share – Basic and diluted	(0.05)	(0.05)
(unaudited - all in Canadian \$)	Q2-2017	Q2-2016
# of common shares outstanding as at end of the period Weighted average # of common shares outstanding for the period	53,856,509	53,306,109
Basic and diluted	53,856,509	53,306,109
Cash provided by (used in):		
Operating activities:		
Net loss for the period	(2,723,956)	(2,643,938)
Add back non-cash items, net	826,159	655,264
Not chose in non-coch working conital halance.	(1,897,797)	(1,988,674)
Net change in non-cash working capital balances Net cash (used in) operating activities	<u>19,079</u> (1,878,718)	(585,609)
		(2,574,283)
Financing activities Investing activities	(8,976) 1,940,996	136,976 (1,089,471)
Net cash inflow	53,302	(3,526,778)
Net cash hillow	55,502	(3,320,778)
Cash and cash equivalents, start of the period	234,744	5,400,082
Cash and cash equivalents, end of the period	288,046	1,873,304
Total cash and short-term investments position:		
Cash and cash equivalents	288,046	1,873,304
Short-term investments	1,500,000	3,114,890
Total cash and short-term investments	1,788,046	4,988,194
Net working conital holence	1 052 200	4 202 225
Net working capital balance	1,053,209	4,303,335

NXT Energy is a Calgary based company whose proprietary Stress Field Detection ("SFD^{*}") survey system utilizes quantum-scale sensors to detect gravity field perturbations in an airborne survey method which can be used both onshore and offshore to remotely identify areas with exploration potential for traps and reservoirs. The SFD^{*} survey system enables our clients to focus their hydrocarbon exploration decisions concerning land commitments, data acquisition expenditures and prospect prioritization on areas with the greatest potential. SFD^{*} is environmentally friendly and unaffected by ground security issues or difficult terrain, and is the registered trademark of NXT Energy Solutions Inc. NXT Energy provides its clients with an effective and reliable method to reduce time, costs, and risks related to exploration.

Forward-Looking Statements

This news release may include forward-looking statements. When used in this document, words such as "intends", "plans", "anticipates", "expects" and "scheduled", are forward-looking statements. Forward-looking statements are subject to a wide range of risks and uncertainties, and although the Company believes that the expectations represented by such forward-looking statements are reasonable, there can be no assurance that such expectations will be realized. Any number of factors can cause actual results to differ materially from those in the forward-looking statements. Risk factors facing NXT Energy are described in its most recent MD&A for the year ended December 31, 2016 which has been filed electronically by means of the System for Electronic Document Analysis and Retrieval ("SEDAR") located at www.sedar.com. Such forward-looking statements are made as at the date of this news release, and the Company assumes no obligation to update or revise them, either publicly or otherwise, to reflect new events, information or circumstances, except as may be required under applicable securities law.

For further information, please contact:

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Neither the TSX nor its Regulation Services Provider (as that term is defined in the policies of the TSX) nor the OTC QB Markets accept responsibility for the adequacy or accuracy of this release.