



**NXT ENERGY SOLUTIONS ADVISES OF
FILING OF Q2-2016 RESULTS
For release on Thursday, August 11th**

CALGARY, ALBERTA, August 11th, 2016 - NXT Energy Solutions Inc. (“NXT Energy” or the “Company”) (TSX-V:SFD; OTCQB:NSFDF) advises that its interim financial and operating results for the three month quarter ended June 30, 2016 (“Q2-2016”) 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 Q2-2016 interim consolidated financial statements, with comparative figures for the three month period ended June 30, 2015 (“Q2-2015”) is given below.

George Liszicasz, NXT Energy’s President and CEO, noted “our recent efforts to increase our pipeline of future business have produced some very exciting and positive results and we are confident that some of them will come to fruition this year”.

NXT Energy advises that it will host a brief investor and media conference call, hosted by George Liszicasz, on Friday August 12, 2016 at 9.00 am MST (11:00 am EST), to discuss the Q2-2016 results, and recent business development initiatives. Interested parties are invited to participate in this call, using one of the applicable numbers as follows:

Conference Code: 62883800

Operator assisted, toll-free, dial-in number:

Canada & USA 1-855-336-7594

International 1-682-888-5377

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 Q2-2016 period. Amortization expense for Q2-16 includes \$421,000 related to the Intellectual Property asset which was acquired in 2015.

<u>(unaudited - all in Canadian \$)</u>	<u>Q2-2016</u>	<u>Q2-2015</u>
Survey revenues	\$ -	\$ -
Survey expenses, net	157,365	228
General & administrative expenses	1,833,326	951,870
	<u>1,990,691</u>	<u>952,098</u>
Non-cash expenses		
Amortization expense	520,493	18,830
Stock based compensation expense	135,000	228,000
	<u>655,493</u>	<u>246,830</u>
Foreign exchange and other expenses, net	29,156	310,000
Total expenses	<u>2,675,340</u>	<u>1,508,928</u>
Loss before income taxes	2,675,340	1,508,928
Income tax expense	(31,402)	78,063
Net loss for the period	<u>2,643,938</u>	<u>1,586,991</u>

Net loss per common share – Basic and diluted	(0.05)	(0.04)
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(unaudited - all in Canadian \$)	Q2-2016	Q2-2015
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# of common shares outstanding as at end of the period	53,458,009	45,065,509
Weighted average # of common shares outstanding for the period		
Basic and diluted	53,371,138	44,969,905

Cash provided by (used in):

Operating activities:

Net loss for the period	(2,643,938)	(1,586,991)
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Add back non-cash items, net	655,264	247,330
	(1,988,674)	(1,339,661)

Net change in non-cash working capital balances	(585,609)	1,260,604
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Net cash (used in) operating activities	(2,574,283)	(79,057)
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Financing activities	136,976	90,500
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Investing activities	(1,089,471)	1,111,802
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Net cash inflow	(3,526,778)	1,123,245
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Cash and cash equivalents, start of the period	5,400,082	168,918
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Cash and cash equivalents, end of the period	1,873,304	1,292,163
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Total cash and short-term investments position:

Cash and cash equivalents	1,873,304	1,292,163
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Short-term investments	3,114,890	2,261,060
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Total cash and short-term investments	4,988,194	3,553,223
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Net working capital balance	4,303,335	2,050,858
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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, 2015 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.

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