



**NXT ENERGY SOLUTIONS ADVISES
OF GRANT OF STOCK OPTIONS**

CALGARY, ALBERTA, December 16, 2015 - NXT Energy Solutions Inc. ("NXT Energy" or the "Company") (TSX-V:SFD; OTCQB:NSFDF), advises that it has granted a total of 42,600 incentive stock options ("Options") to certain members of its Board of Directors.

These Options are part of the total cash and Options compensation payable to the Company's Board of Directors for the year ended December 31, 2015 and are granted in accordance with the terms of NXT's Stock Option Plan. The Options shall have an exercise price of \$1.73 per share, a five year term to expiry in December, 2020, and entitlement to exercise the Options vests immediately at the date of grant.

About NXT Energy Solutions

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 fiscal year ended December 31, 2014 which has been filed electronically by means of the System for Electronic Document Analysis and Retrieval ("SEDAR") located at www.sedar.com.

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