

NXT ENERGY SOLUTIONS ADVISES OF RE-FILING OF 2016 ANNUAL INFORMATION FORM

CALGARY, ALBERTA, August 18th, 2017 - NXT Energy Solutions Inc. ("NXT Energy" or the "Company") (TSX:SFD; OTCQB:NSFDF) advises that it has refiled the 2016 Annual Information Form, at the request of the Alberta Securities Commission.

The request by the ASC was made due to a disclosure deficiency that was identified in the Information Circular that was filed on May 20th, 2017. The deficiency was in relation to the use of the incorrect form under National Instrument 58-101 – *Corporate Governance Disclosure*. The May 20th, 2017 Information Circular provided disclosure in accordance with Form 58-101F2 instead of Form 58-101F1. The amended 2016 Annual Information Form includes the corrected disclosure Form 58-101F1 appended as Schedule "B". Other than the addition of the disclosure in relation to Form 58-101F1, no other material changes were made to the Annual Information Form.

The amended AIF has been filed in Canada on SEDAR at www.sedar.com.

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.

For further information, please contact:

Bev Stewart
V-P Finance & CFO
NXT Energy Solutions Inc.
403-206-0807
nxt_info@nxtenergy.com
www.nxtenergy.com

The TSX nor its Regulation Services Provider (as that term is defined in the policies of the TSX) accept responsibility for the adequacy or accuracy of this release.