

Certificate

according to the
Renewable Energy Directive (RED)

(DIRECTIVE 2009/28/EC of the EUROPEAN PARLIAMENT and of THE COUNCIL of 23 April 2009 on the promotion of the use of energy from renewable sources)

Certificate Number: EU-ISCC-Cert-US201-70600434

SCS Global Services
2000 Powell Street, Emeryville, CA 94608, USA

certifies that

Big Ox Energy - Siouxland, LLC
1617 D Avenue, Dakota City, NE 68731
United States of America

complies with the requirements of the RED and the certification system

ISCC EU
(International Sustainability and Carbon Certification)
which is approved by the European Commission.

This certificate is valid from 30.08.2018 to 29.08.2019.

The certified site of the system user is a (type of operation):

Collecting Point
Biomethane Plant

30.08.2018 Emeryville, CA

Place and date of issue



Stamp, Signature of issuing party

SCSglobal
SERVICES
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

Annex to the certificate:

Sustainable materials handled by the certified site

(only applicable for material handled under the scope as: farm/plantation, point of origin, central office, first gathering point, conversion unit but **not** for material that is only traded and/or stored)

This annex is only valid in connection with the certificate:

EU-ISCC-Cert-US201-70600434 issued on 30.08.2018

Input material	Output material	GHG values*	ISCC EU waste process applied**
Food Waste	Biomethane (Food Waste)	2	yes
Municipal Solid Waste	Biomethane (Municipal Solid Waste)	2	yes
Sewage Sludge	Biomethane (Sewage Sludge)	2	yes
Animal fat / tallow (uncategorized)	Biomethane (Animal fat / tallow (uncategorized))	2	yes
Food Waste	Food Waste	2	yes
Municipal Solid Waste	Municipal Solid Waste	2	yes
Sewage Sludge	Sewage Sludge	2	yes
Animal fat / tallow (uncategorized)	Animal fat / tallow (uncategorized)	2	yes
*	1: GHG emissions of the certified unit are based on default values		
	2: GHG emissions of the certified unit are based on individual calculation		
	3: GHG emissions are based on NUTS 2 values for cultivation (only applicable for First Gathering Points, farms/plantations, Central Offices)		
**	Yes: Certification of this material does not start on farm/plantation level. Sustainability criteria acc. Article 17 paragraphs 3 to 6 of the directive 2009/28/EC (RED) have not been subject to control of this material.		
	No: Certification covers all sustainability criteria as laid down in Article 17 of the directive 2009/28/EC (RED).		