

List of materials eligible for ISCC Japan FIT certification

(August 2024)

The ISCC Japan FIT certification can cover feedstocks eligible for the production of renewable electricity in Japan under the Feed-in-Tariff (FIT) system. The list below further aim for the harmonization of the description of material under ISCC Japan FIT (e.g. on ISCC Japan FIT certificates). There shall be no brand names or technical characteristics of the material or the production process (e.g. bleached, deodorized, industrial grade, etc.) on the ISCC Japan FIT certificate. Sustainable material may be declared in more detail in contracts, on sustainability declarations, or delivery documents.

The ISCC Japan FIT material list includes materials which are classified as agricultural derived biomass under Japan FIT. The classification of a material as eligible biomass fuel is done by METI’s Japan FIT biomass Working Group and communicated via a positive list published by METI.¹ For further information please see the ISCC Japan FIT System Document.

Raw material marked with one asterisk (*): Material classified by METI as agricultural derived biomass.

Biomass fuels		
Declaration of material on ISCC Japan FIT certificate	Classification according to METI positive list	Additional information
Almond shell*	By-product	
Bengkuan seeds*	By-product	
Cashew nutshell*	By-product	
Cashew Nut Shell Liquid (CNSL)*	By-product	
Coconut shell*	By-product	
Corn straw pellet*	By-product	
Fresh Fruit Bunches (FFBs)	N/A	Only relevant as input material for palm oil mills generating Palm Oil
Palm Kernel Shell (PKS)*	By-product	

¹ The list is included in the document “*Business plan development guideline for biomass power*” available here: https://www.enecho.meti.go.jp/category/saving_and_new/saiene/kaitori/dl/fit_2017/legal/guideline_biomass.pdf.

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Biomass fuels		
Declaration of material on ISCC Japan FIT certificate	Classification according to METI positive list	Additional information
Palm Oil*	Derived from sustainable biomass from agricultural harvesting	
Palm trunks*	By-product	
Peanut shell*	By-product	
Empty Palm Fruit Bunches (EFB)*	By-product	
Pistachio shell*	By-product	
Sugar cane stem and leaves*	By-product	
Sunflower Seed Shell*	By-product	
Walnut shell	By-product	