

Green Bond Fact Sheet

Tohoku Electric Power Company			Date: 05/03/2020
Issue date: 27-02-2020 Maturity date: 25-02-2030 Tenor: 10			
Issuer Name	Tohoku Electric Power Company	Amount Issued	JPY5bn/USD45.4m
Country of risk	Japan	CBI Database	Included
Issuer Type ¹	Non-financial Corporate	Bond Type	Use of proceeds bond
Green Bond Framework	N/A	Second party opinion	N/A
Certification Standard	Certified under Climate Bonds Standard v2.1, including sector-specific criteria for: <ul style="list-style-type: none"> • Wind • Marine Renewable Energy • Geothermal 	Assurance report	Pre Issuance Verification
Certification Verifier	DNV GL	Green bond rating	N/A
Use of Proceeds			
<input checked="" type="checkbox"/> Energy	<input type="checkbox"/> Solar <input checked="" type="checkbox"/> Onshore wind <input checked="" type="checkbox"/> Offshore wind <input checked="" type="checkbox"/> Geothermal <input type="checkbox"/> Hydro <input type="checkbox"/> Tidal	<input type="checkbox"/> Biofuels <input type="checkbox"/> Bioenergy <input type="checkbox"/> Waste to energy <input type="checkbox"/> District heating <input type="checkbox"/> Electricity grid	<input type="checkbox"/> Energy storage <input type="checkbox"/> Energy performance <input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Buildings	<input type="checkbox"/> Certified Buildings <input type="checkbox"/> HVAC systems <input type="checkbox"/> Energy performance	<input type="checkbox"/> Water performance <input type="checkbox"/> Energy storage/meters <input type="checkbox"/> Other energy related	<input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Transport	<input type="checkbox"/> Electric vehicles <input type="checkbox"/> Low emission vehicles <input type="checkbox"/> Bus rapid transit <input type="checkbox"/> Passenger trains <input type="checkbox"/> Urban rail	<input type="checkbox"/> Freight rolling stock <input type="checkbox"/> Coach / public bus <input type="checkbox"/> Bicycle infrastructure <input type="checkbox"/> Energy performance	<input type="checkbox"/> Transport logistics <input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Water & wastewater	<input type="checkbox"/> Water distribution <input type="checkbox"/> Water treatment <input type="checkbox"/> Wastewater treatment <input type="checkbox"/> Water storage	<input type="checkbox"/> Storm water mgmt <input type="checkbox"/> Flood protection <input type="checkbox"/> Desalination plants <input type="checkbox"/> Erosion control <input type="checkbox"/> Energy performance	<input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience



<input type="checkbox"/> Waste management	<input type="checkbox"/> Recycling <input type="checkbox"/> Waste prevention <input type="checkbox"/> Pollution control	<input type="checkbox"/> Landfill, energy capture <input type="checkbox"/> Energy performance <input type="checkbox"/> Infrastructure	<input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Land use & agriculture	<input type="checkbox"/> Afforestation/parks <input type="checkbox"/> FSC Forestry <input type="checkbox"/> FSC Cellulose & paper	<input type="checkbox"/> Land remediation <input type="checkbox"/> Energy/water efficiency	<input type="checkbox"/> Sustainable agriculture <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Other	<input type="checkbox"/> Adaptation & resilience	<input type="checkbox"/> ICT	<input type="checkbox"/> Industry: process
Issue details			
Reporting	Public annual reports will be produced, which will have information on the projects financed by this issuance.		
Company information	The issuer is one of the largest electric utilities in Japan. It has over 16 GW of generation capacity and provides power mainly to the Tohoku region, in northeast Japan.		
Firsts, records and certifications	This is the first power utility to receive Certification in Japan.		
Proceeds description	The proceeds will refinance the company's developments of onshore and offshore wind projects and geothermal energy generation plants.		
Climate Bonds view	There has recently been increased interest in green bonds in Japan and this is very much welcomed.		
Underwriters	SMBC Nikko, Mizuho		
Deal comments			
Credit Rating	AA (JCRA)		
Pricing summary	<ul style="list-style-type: none"> Coupon: 0.31% 		
Investors summary			

¹ Issuer categories: ABS, development bank, financial corporate, government-backed entity, loan, local government, non-financial corporate, sovereign

