



CORE Program Agreement

1. Consumer-Owned Renewable Energy (CORE) Generator Information

1.1 Customer Information

Name: _____

Street Address: _____

Telephone: Work: _____ Mobile: _____

Home: _____ Other: _____

Fortis TCI Customer Account #: _____

1.2 Facility Information

Name Plate Rating of the CORE Generator System: _____ kW AC

Total Installed Generation: _____ kW AC

Type: Photovoltaic (Solar) Wind Turbine

Inverter utilised: Yes No

Make and Model of Inverter: _____

Battery storage installed: Yes No

Name Plate Rating of Storage (when fully charged) _____ kWh AC _____ kW AC

Make and Model of Storage: _____

Is the System capable of generating firm power to the premises: Yes No
(in an "off-grid" mode.)

System to be installed by (name of Electrical Contractor): _____

Contact Name: _____

Telephone: Work: _____ Mobile: _____

Is there any existing Electric Generating Equipment at this location? Yes No

If "Yes", please provide details (e.g. is this backup diesel generation; what is its size; when was it installed; how often has it been used):

1.3 Additional Information

FortisTCI reserves the right to require additional information, if considered necessary, to adequately serve the CORE customer.

This CORE Credit Agreement may be subject to changes from time to time.

2. Consumer-Owned Renewable Energy Rates and Credit

2.1 Applicability

This consumer-owned renewable energy (CORE) program provides for the interconnection of residential or commercial photovoltaic systems to the FortisTCI grid. █

The FortisTCI CORE programme is expected to evolve over time. FortisTCI may make changes, expand or discontinue offering this program to new and existing participants as deemed appropriate. Therefore, future changes to the CORE Agreement will be applied to existing CORE programme participants. The customer hereby agrees to abide by future changes to the programme.

2.2 Limitations

The maximum amount of CORE generator capacity will be subject to all of the following individual and aggregate limitations:

- **Residential** CORE customers participating in this program will be allowed to install renewable generating capacity no greater than 10 kilowatts (kW) AC.

- **Commercial** CORE customers participating in this program will be allowed to install renewable generating capacity no greater than 60 kW AC.
- CORE generation will be permitted on any individual feeder on a "first come, first served" basis as long as the aggregate CORE generation on that feeder does not exceed the recorded minimum load on that feeder. FortisTCI will notify the customer if sufficient feeder capacity is available at the time of application to accommodate the CORE generator.
- CORE generation will be permitted on a "first come, first served" basis on the islands of Providenciales and Grand Turk only and the aggregate CORE generation capacity shall not be permitted to exceed the limits set out in FortisTCI's latest infusion study.

Customers receiving electricity service under this program must be capable of receiving all of their electric load requirements, from the normal distribution network and transformation facilities appropriate for such a customer without regard for the on-site generation capability.

The customer will be required to make application for such service and comply with FortisTCI's technical and interconnection guidelines. If the proposed CORE facility is greater than the capacity limits allowed by FortisTCI, then the CORE customer will be required to downsize the CORE generator and resubmit for approval.

2.3 Monthly Charges and Credits

Monthly Charges under this program will incorporate all components of the existing retail rate. The current retail rate includes an energy charge and a fuel factor charge.

The Monthly Charges and credits to the CORE Customer will consist of the following:

- Charges determined under FortisTCI retail rate and established by the CORE Customer's Monthly Energy Consumption (as if no CORE generator existed). Subtracted from this amount will be the CORE Credit, as defined below;
- The CORE Credit is determined by the Monthly Generation Output from the CORE generator, as defined on the attached *CORE Interconnection Specification Sheet*. It consists of Monthly Generation Output from the CORE generator times the Fuel Factor applicable for that month plus five cents;
- In event that the CORE Credit from Monthly Generation Output exceeds Monthly Charges, the difference will be shown as an increase in the CORE Net Credit, as described below, on the CORE Customer's account.

2.4 Determination of Monthly Generation Output

FortisTCI will install a meter on all AC energy outputs of the CORE Customer as illustrated in the attached diagram: *CORE Interconnection Specification*. FortisTCI will have the right to secure the meters and to inspect the interconnection(s) at any time. These meters will be read by FortisTCI visually or remotely on the normal meter reading schedule for measuring the customer's consumption. The total kWh output reading on the meter attached to the CORE generator will constitute the Monthly Generation Output.

2.5 Determination of the Monthly Energy Consumption

Monthly Energy Consumption (in kWh) for a Type A connection is determined as follows:

"Net energy into the CORE Customer's premises through the FortisTCI main meter plus the output reading on the meter attached to the CORE generator."

Monthly Energy Consumption (in kWh) for a Type B connection is determined as follows:

"Net energy into the CORE Customer's premises through the FortisTCI main meter."

2.6 Determination of the CORE Credit Bank

A CORE Credit will be established to accumulate any positive balance (in \$) of unused CORE Credits produced by the CORE generator. The CORE Credit Bank (in \$) will be increased if the CORE customer's CORE Credit exceeds the charges for Monthly Energy Consumption for any month. The CORE Credit Bank balance will be used to offset the customer's net bill amount in subsequent months when charges for Monthly Energy Consumption exceed any CORE Credit produced during such months, until the CORE Credit Bank has been reduced to zero. The CORE Credit Bank balance, if sufficient, may reduce the customer's net bill to zero. The CORE Credit Bank balances are not transferable to other accounts and are not redeemable other than as an offset against charges for Monthly Energy Consumption as described herein. The CORE Credit Bank balance will be carried forward continuously until the end of the CORE Contract. Any remaining CORE Credit Bank balance at the end of the contract will be refunded or carried forward to the renewed CORE contract.

3. General Terms and Conditions

3.1 Compliance

The parties to this CORE Credit Agreement shall ensure that the generating and interconnection systems are compliant with the practices, methods and equipment, as prescribed by FortisTCI at the time of signing this Agreement, and as maybe changed from time to time, to ensure the safe and dependable operation of the electrical equipment. Such systems shall comply with the following standards, as each may amended from time to time:

- IEEE Standard 1547 – "Standard for Interconnecting Distributed Resources with Electric Power Systems";
- IEEE Standard 929 – "Recommended Practice for Utility Interface of Photovoltaic (PV) Systems"; and
- UL Standard 1741 – "Standard for Inverters, Converters and Controllers for Use in Independent Power Systems".
- Most recent version of the National Electric Code of the United States of America.
- National Building Code of Turks and Caicos Islands.
- Turks and Caicos Islands Electricity Ordinance

3.2a Term of CORE Credit Agreement

The term of the CORE Credit Agreement is 20- years. Customers approved under this program will receive the applicable monthly Fuel Factor rate plus five cents for every kWh of CORE generator output. Future changes to the CORE rate can be made at the determination of FortisTCI and the Turks and Caicos Islands Government.

3.2 Installation of the Disconnect

The design, installation, operation and maintenance of the CORE customer's facility shall comply with FortisTCI's approved control and protection equipment and a manual load-break disconnect device

lockable in the open position and accessible by FortisTCI as a means of electrically isolating the CORE customer's system from FortisTCI's T&D system, and to establish working clearance for maintenance and repair work in accordance with accepted electrical practice.

The load-break disconnect device shall be furnished and installed by the CORE customer and is to be connected between the CORE customer's system and FortisTCI's T&D system. The disconnect device shall be located in the immediate vicinity of the electric meter at the main service entrance, or with prior approval by FortisTCI may be located at an alternative location which is accessible to FortisTCI's personnel on a 24-hour basis. The disconnect device shall be clearly labelled "CORE System Disconnect". With reasonable notice given to the CORE customer, FortisTCI shall have the right to inspect the CORE generating system.

3.3 Notice

A CORE customer shall provide FortisTCI with thirty (30) days advance written notice for the following:

- A) Any proposed changes to the CORE generator that affects its interaction with FortisTCI's T&D system;
- B) Any change in ownership of the premises, and
- C) Any changes, increase or decrease, in the total capacity of the CORE generating system.

If the ownership of a CORE generator changes through a change of ownership of the premises where the CORE equipment is located, FortisTCI will require the new owner to have the system re-inspected and a new CORE agreement signed.

3.4 Permits and Licences

The CORE customer shall obtain, at his or her expense, any and all authorisations, permits and licences required for the construction and operation of the CORE generating system.

3.5 Metering

FortisTCI shall supply, own, maintain and read all necessary meters utilised for billing. The CORE customer shall supply, at no expense to FortisTCI, a suitable location for meters utilised for billing on the premises.

The CORE Program requires two meters in one of two suggested configurations (See *CORE Interconnection Specification Sheet* and accompanying notes). For ease of understanding, these two configurations are referred to as "Customer Tie" and "Grid Tie".

"Customer Tie" (Type A Connection) – Under this configuration, the output of the CORE generator is metered and connected to the CORE Customer's premises at some point "downstream" of the customer's main meter. Therefore, the main meter reading is net of the CORE generator output. For billing purposes the Monthly Energy Consumption is calculated by adding both the electricity supplied from the FortisTCI T&D system and the electricity supplied from the CORE generating system while subtracting the electricity exported to the FortisTCI T&D system. The Monthly Generator Output is determined by the meter connected to the CORE generator.

"Grid Tie" (Type B Connection) – Under this configuration, the output from the CORE generator is metered and fed directly into FortisTCI's T&D system "upstream" of the main meter serving the CORE customer. The CORE Customer's main meter measures the customer's Monthly Energy Consumption while the meter on the CORE generator measures the Monthly Generator Output.

3.6 Power Factor

The CORE customer shall ensure that its system operates at a power factor of at least 0.90 lagging. In the event that the CORE generator does not operate at this power factor, the customer will be required to install necessary equipment to correct the deficiency.

3.7 Additional Equipment

FortisTCI is not required to install any additional distribution or other equipment for a CORE customer that would not normally be afforded to other customers in a similar rate class and a similar location. If the CORE customer requests any such additional distribution equipment to be installed, the full cost of these additions shall be at the expense of the CORE customer, which will be billed by FortisTCI at cost.

3.8 Indemnification

Each party shall hold harmless and indemnify the other party and the directors, officers, authorized agents, and employees of the other party against and from any and all loss and liability for injuries to persons including employees and authorised agents of either party, and damages, including property of either party, resulting from or arising out of (i) the engineering, design, construction, maintenance, or operation of, or (ii) the making of replacements, additions, or betterments to the facilities which are required for the interconnection and parallel operation of the CORE customer's system with FortisTCI's distribution system and the generation of energy by the CORE generator. Neither party shall be indemnified for liability or loss resulting from its sole negligence or wilful misconduct.

3.9 Continuity of Service

Although FortisTCI will use reasonable diligence to provide continuous service, there will be occasions requiring the interruption of service. Continuity of service may be interrupted under the following conditions:

1. With notification, where FortisTCI requires the CORE customer to temporarily curtail, interrupt or reduce delivery of electrical energy when necessary in order for FortisTCI to construct, install, maintain, repair, replace, remove, investigate or inspect any of its equipment or any part of its system. FortisTCI will plan the work at a time, if at all practical, which will cause the least inconvenience to those customers who may be affected, and;
2. Without notice if FortisTCI determines that such curtailment, interruption or reduction is necessary because of a system emergency, forced outage, or compliance with accepted electrical practice. A CORE customer shall not be entitled to any priority for restoration of service after a power outage.

If FortisTCI determines that the CORE customer's installation presents a safety hazard, FortisTCI may disconnect the main service to the premises, the CORE generator, or both without notice until the hazard is addressed and certified safe to reconnect by a Government Electrical Inspector if required

3.10 Personnel and System Safety

If at any time FortisTCI determines that the continued operation of the CORE system may endanger any person or property or the FortisTCI's distribution system, or have an adverse effect on the safety or power quality of other customers of FortisTCI, FortisTCI shall have the right to disconnect the CORE customer's system from the distribution system. The CORE customer will be promptly informed of the action taken and the reasons for such action. The CORE customer's system shall remain disconnected until such time as FortisTCI is satisfied that the endangering or power quality conditions have been corrected. FortisTCI shall not be obligated to accept any electrical energy from the CORE generator during such period. FortisTCI shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a CORE generating system or for the acts or omissions of the CORE customer that results in loss or injury, including death, to any third party. It is the responsibility of the CORE

customer to protect its system from voltage imbalances within FortisTCI's distribution system or reclosing operations after a power interruption.

3.11 Termination of Agreement

The CORE customer may terminate this CORE Credit Agreement at any time by giving written notice of a minimum of thirty days to FortisTCI that specifies the date and reasons for termination. FortisTCI may give the CORE customer five business days' notice of termination of this CORE Credit Agreement at any time if the CORE customer fails to comply with any of the terms of this CORE Credit Agreement and the CORE customer or his appointed electrical contractor fails to correct such violation within the time period of five business days or earlier after being informed in writing of the violation. The customer acknowledges that upon termination of the CORE Credit Agreement it would be unlawful to interconnect the CORE generator to FortisTCI's grid and any such operation shall be grounds for claims from FortisTCI for recovery of charges for theft of service, fines or other penalties.

FortisTCI may also terminate this CORE Credit Agreement if the CORE Customer fails to execute any of the following:

- a) Receive Government Planning Department approval for the premises that will contain the CORE generator within four (4) months of this CORE Credit Agreement being approved;
- b) Start construction on the premises that will contain the CORE generator within four (4) months following receipt of the Government Planning Department approval referred to in item (a);
- c) Receive a Certificate of Occupancy within 12 months following start of construction for residences and 18 months for commercial buildings.

The CORE customer may apply to FortisTCI for an extension to any of the above, which must be accompanied by proof of progress. FortisTCI will review each application for extension on a case-by-case basis and will approve applications that demonstrate reasonable progress.

IN WITNESS WHEREOF the parties have executed this Agreement:

Customer:

By: _____ Date: _____

FortisTCI Limited:

By: _____ Date: _____

Director Customer Service
FortisTCI Limited

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