

Simplified Connection Impact Assessment (CIA) Process for Small Projects

This document outlines the provisions for simplified CIA process including eligibility, timelines, fees, potential outcomes, and processes for small DER projects.

Simplified CIA process steps:

Below are high-level process steps for Kingston Hydro Simplified CIA offering:

Step 1: Section 1 of this document provides thresholds and eligibility conditions for offering simplified CIA. Proponent can review the complete eligibility criteria before submitting the application

Step 2: Section 2 provides the Kingston Hydro-specific fee for a simplified CIA option

Step 3: Timeline for processing simplified CIA is provided in section 3

Step 4: Once the proponent has reviewed all the information and plans to obtain confirmation whether a prospective DER qualifies for the simplified CIA option, submit a Preliminary Consultation Information Request (PCIR) form or a CIA application. Both these documents are available on Kingston Hydro website.

Website - <https://www.kingstonhydro.com/LocalGeneration>

Utilities Kingston (UK) staff on behalf of Kingston Hydro will follow the majority of the process steps outlined in Distributed Energy Resources Connection Procedures (DERCP) for conducting simplified CIA.

Step 5: Section 4 of this document provides information on potential outcome of simplified CIA

1. Application eligibility

Following DER nameplate sizes may be eligible for the simplified CIA process if they meet the additional criteria and conditions listed below:

i. DER nameplate capacity thresholds

- Single-phase DER:
 - > 10 kW and ≤ 30 kW
- Three-phase DER:
 - > 10 kW and ≤ 100 kW

ii. Additional criteria

- DER shall be non-exporting type, behind the meter and
- DER shall be equipped with Export Limiting Power Control System (PCS)

iii. Ineligible feeders

- 44kV feeder M3 (Shared feeder with Hydro One)

Kingston Hydro will provide the applicants with confirmation whether their proposed DER qualifies for a simplified CIA process or not. This confirmation can be obtained through the preliminary consultation process or through the CIA application screening.

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2. Application fee

The total fee for the simplified connection assessment process is equal to or less than the payment required for a normal CIA.

Nameplate Capacity Size	Simplified CIA Eligibility	Fee
1. Single Phase small DER > 10 kW and ≤ 30 kW	Apply to all DERs within this group.	Simplified CIA: \$1869.17
2. Three-phase small DER > 10 kW and ≤ 100 kW	Potentially. Confirmation is required and the general eligibility exemptions are non-exporting type equipped with PCS subject to UK screening.	Simplified CIA: \$2557.79 Full CIA: \$3836.69
3. Three-phase small DER Above 100kW	No	Full CIA: \$3836.69

3. Timeline

The total timeline for the simplified connection assessment process is equal to or less than the timeline required for a normal CIA. For small generation facilities eligible under simplified CIA process - After the receipt of a complete CIA application, Kingston Hydro will respond with its CIA application response within 30 days.

4. Potential outcome

The outcome of a simplified CIA screening may result in a requirement for any of the following:

- a) Additional studies
- b) Full CIA
- c) No additional studies and no full CIA required

Three potential outcomes of this screening process are clearly mentioned above.

UK Staff will promptly notify the applicant if they determine that additional studies or a full CIA is required (outcome 4a or 4b above). The total fee and timeline for the connection assessment process should be equal to or less than the payment and timeline required for a normal CIA. Sufficient time to be provided to the applicant to respond and confirm. The applicant should acknowledge the change, agree to proceed, and pay any additional fee, if required.

UK staff will prepare an offer to connect, a connection cost estimate and timelines as per DERCP2 if additional studies or full CIA is not required (outcome 4c above).