



FORTIS
ALBERTA



**GET
CONNECTED**

TURNKEY & PRECAST



Get Connected: UEDS Turnkey

Our Underground Electrical Distribution System (UEDS) Turnkey service lets you get all electrical facilities under one contract with us. Getting your subdivision connected with UEDS Turnkey is a five-step process. Use this timeline to learn what you need to do during that process, and what we'll be doing along the way.

Home, farm or business?

View the standard Get Connected process
www.fortisalberta.com/customer-service/get-connected

Before You Begin

To get started, you first need to engage the services of our pre-qualified UEDS consultants and contractors to help you complete our online application. This will help us determine the needs of your project so we can estimate the cost. There are some pieces of information and additional forms you'll need to provide, so please review this list and make sure you have them all:

- ✓ Estimated amount of power
- ✓ Legal land description
- ✓ Third party authorization
- ✓ View the UEDS Manual for design and installation requirements*
- ✓ Pre-qualified UEDS consultant or contractor information
- ✓ Land base files (.DWG and PDF) that outline the number of lots
- ✓ Preliminary design and electrical plan
- ✓ Concept plan for overall development

*The UEDS Manual is only available to pre-approved consultants and contractors and requires a username and password. To obtain access, please contact contracts@fortisalberta.com.

After we receive your completed application, you'll move into Phase 1. You can review what happens in each phase below. If you've worked with us before on a UEDS Turnkey project, you can go straight to the online application.

Need help with any of the above list, you can visit

www.fortisalberta.com/customer-service/get-connected/get-connected-documents

for all documentation related to the Get Connected Process



Estimation and Quotation

In this phase, there are five steps that help determine the cost of getting your UEDS Turnkey development project connected.



Initiate Request



What **You'll** Do:

- **Submit an application** for new UEDS Turnkey development online or by calling 310-WIRE (9473)
- Make sure you've submitted all **supporting documents** with your application
- At this point in time, you can start checking your project status using your **request number**



What **We'll** Do:

- Review your submission and **assign a request number** and **a quotation analyst** to your project



Gather Requirements



What **You'll** Do:

- Send us any **outstanding information** as outlined in our follow-up



What **We'll** Do:

- **Follow up** with you via phone or email



Calculate and Quote



What **You'll** Do:

- Schedule a time for us to **review your property and service requirements**
- **Find out** if you need to install your **own pre-cast base, grounding and ducts**



What **We'll** Do:

- **Meet** you on-site
- Complete a **planning assessment**
- Put together an **estimate** and prepare a **quotation package**





Issue Your Quote



What **You'll** Do:

- > **Check your email:** your quotation package should arrive soon
- > Review your quote letter and supporting documents, including the **Underground Electrical Distribution System (UEDS)** agreement



What **We'll** Do:

- > Send our your **quotation package**



Customer Sign Off



What **You'll** Do:

- > Send us your **signed quote letter**, UEDS agreement and proof of insurance
- > If necessary, **send us your payment** and any outstanding documents



What **We'll** Do:

- > Send our your **acceptance documentation**

Phase 2



Plan and Design

Delivering safe and reliable electrical service requires planning. In this phase, we'll work with your UEDS design consultants to review their designs and manage the submission of documents



What **You'll** Do:

- Submit your preliminary design documents, **including:**
- - Issued for Review (IFR) drawings
 - A revised and updated concept plan
 - Single line diagram (SLD)
 - Utility Right of Way (URW) or blanket assessment
 - Civic address
 - Voltage drop calculations
 - Lighting calculations
- Submit three sets of Issued for Construction (IFC) plans for **final review**



What **We'll** Do:

- Assign a **designer** to your project
- **Follow up and review** your required documents
- **Sign and accept** Issued for Construction (IFC) drawings and forward them, along with our SLD, to our area office and your consultant as part of the final design review
- Release off-site work associated with your project to **construction**





Permits and Approvals

One of the most common causes of schedule delays is the permits and approvals process. During this phase, we'll make sure all applications are made ahead of construction in order to meet the project completion date.



What **You'll** Do:

- Obtain **notifications** or **approvals** from all relevant utility and communication companies
- Obtain **UEDS Municipal Approval**
- If necessary:
 - submit a **non-standard lighting agreement**
 - submit a **lighting waiver letter**
 - complete an application to **install underground electrical distribution facilities**
 - coordinate with our designer for **railway, pipeline and third party crossing approvals**



What **We'll** Do:

- Review and **manage** approval submissions
- **Inform** you by email of any non-compliance issues for each submission



Phase 4



Construction

This phase includes all work that must be completed on-site by us, and by you.



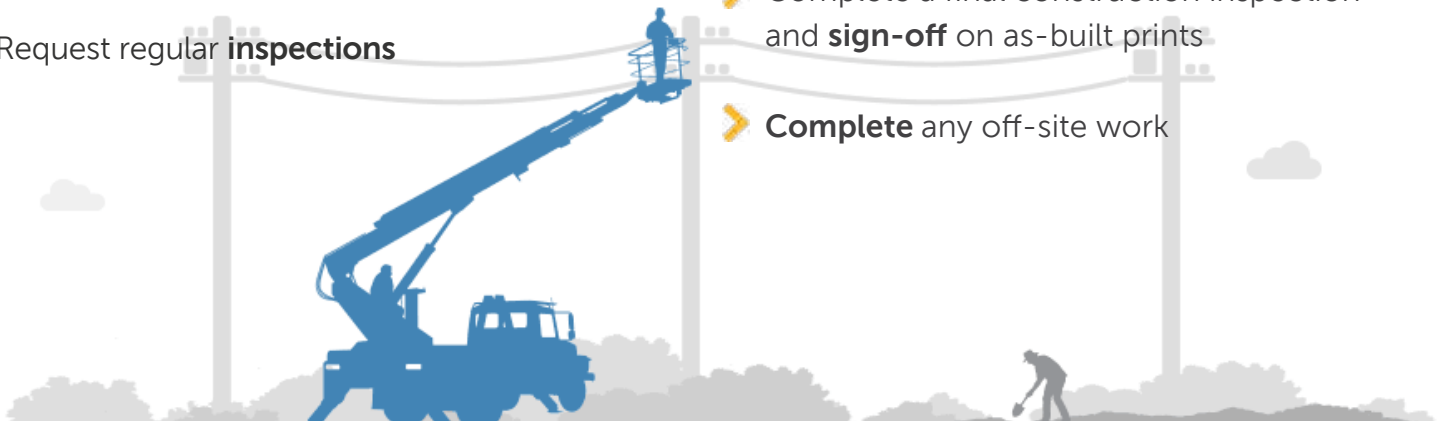
What **You'll** Do:

- **Source** a UEDS pre-approved construction contractor
- Ensure your site is **graded** to within +/- 150mm of final grade
- Get your site **surveyed** with grade stakes, trench alignment, equipment locations, property lines and other utilities
- Make sure **materials** are on-site
- Hold an on-site start up meeting with us and other shallow utilities, using **signed** and **accepted** IFC prints
- Request regular **inspections**



What **We'll** Do:

- Meet your consultant, construction contractor and third parties **on-site** for a start up meeting
- **Review** grade stakes, trench alignment, equipment locations and property lines
- Inspect your **materials**
- Perform regular **inspections**
- If necessary, perform Hydrovac for **installations** without curbs and gutters
- Complete a final construction inspection and **sign-off** on as-built prints
- **Complete** any off-site work



Phase 5



Energize

You're all ready to go. This is the phase where we turn on the power.



What **You'll** Do:

- Submit all documents for **commissioning** and **energization**, including:
 - Authenticated Application for Functional Completion Certificate (FCC) or Construction Completion Certificate (CCC)
 - Three copies of Red-line As-built IFC prints
 - Manufacturers' Test Data sheets for all transformers and equipment
 - UEDS Oil-Filled Equipment Form
 - Ground Grid Test Report Form
 - Site Cleared of Personnel Form
 - Energization Request Form
- Submit your **authenticated** record drawings within 60 days of our acceptance of the CCC
- Confirm your **registration** URW
- Keep an eye on your **warranty** Period (18 months from CCC)



What **We'll** Do:

- **Review** and **accept** your documents for commissioning and energization
- Confirm your URW **registration**
- **Energize** your subdivision
- As individual lots and lights are energized, refund your investments on an annual basis for a period up to 10 years from our acceptance of the FCC or CCC
- Complete a **final inspection** prior to the end of your warranty period

Get Started Today

Now you're ready to complete our online application. It takes about 15-30 minutes and must be completed on a desktop or laptop; not a phone or tablet.

Visit: fortisalberta.com/GetConnected/UEDSTurnkey



Need help? Give us a call at **310-WIRE (9473)**.



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FortisAlberta.com

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