

**NEBRASKA PUBLIC SERVICE COMMISSION**  
**EXHIBIT B - ENGINEERING SPECIFICATIONS FOR UNDERGROUND ELECTRIC TRANSMISSION LINES**  
**002.02C**

Attach a completed Exhibit B form to either the Application Form **OR** the 60 Day Notice Form and provide two additional copies.

Refer to the Application Form **OR** the 60 Day Notice Form to determine if filing Exhibit B forms with other parties is required.

COMPANY INFORMATION			002.02C1/002.02C2/002.02C3
Legal entity name	Company case/file no.	Exhibit A drawing no.	For Commission's use
Mailing address			
Primary contact person	Contact's email address	Contact's phone no.	

GENERAL DESCRIPTION							002.02C4
<b>(Note – Circuit numbers on Exhibit B must coincide with circuit numbers used on Exhibit A)</b>							
Circuit no.	County (if circuit crosses multiple counties, separately list each county specific segment)	Circuit length (Miles)	Total no. of phase wires	Voltage between phase wire (KV)	Total number of phase/ground/shield wires	Voltage to neutral or ground (KV)	

SYSTEM CONNECTION AND GROUNDING						002.0CB4
Circuit no.	Delta or star (wye) connection	Neutral grounded at source only or multi-grounded (if wye connected)	Is neutral conductor continuous throughout length of line? (Check if Yes)	Is concentric neutral used? (Check if Yes)	If concentric neutral is used, list type	

**NEBRASKA PUBLIC SERVICE COMMISSION**

**EXHIBIT B - ENGINEERING SPECIFICATIONS FOR UNDERGROUND ELECTRIC TRANSMISSION LINES 002.02C**

--	--	--	--	--	--

<b>CONDUCTORS</b>	<b>002.02C5</b>
-------------------	-----------------

(Note – Show neutral conductor with associated phase conductor)

Circuit no.	Size (AWG)	Material	Solid or stranded	Number of strands	Copper Equivalent

<b>CONDUCTOR INSULATION</b>	<b>002.02C6</b>
-----------------------------	-----------------

Circuit no.	Thickness	Type	Material	KV rating

<b>CABLE TERMINATIONS</b>	<b>002.02C7</b>
---------------------------	-----------------

Circuit no.	Size	Type	KV rating	Manufacturer	Manufacturer number

**NEBRASKA PUBLIC SERVICE COMMISSION**

**EXHIBIT B - ENGINEERING SPECIFICATIONS FOR UNDERGROUND ELECTRIC TRANSMISSION LINES 002.02C**

<b>MISCELLANEOUS</b>				<b>002.02C8</b>
Circuit no.	Cable depth (Inches)	Riser pole cable protection type	Riser pole cable protection size	
Describe fault protection used				
Describe special type of construction, if used, and give location(s):				

Remarks – Equivalent Materials May be Substituted for Those Specified Above

<b>LINES TO BE REMOVED</b>					<b>002.02C9</b>
Length (Miles)	Number of phases	Number of wires	Phase voltage (KV)	County	

**NEBRASKA PUBLIC SERVICE COMMISSION**

**EXHIBIT B - ENGINEERING SPECIFICATIONS FOR UNDERGROUND ELECTRIC TRANSMISSION LINES 002.02C**

Note – If there is an inadequate number of fields provided with this form to list all circuits and/or line removals for a given project, complete and submit multiple forms with the same company assigned case or file number.

<b>ENGINEER AFFIDAVIT</b>		<b>002.02C10/002.02C11</b>
I, the undersigned, a certified professional electrical engineer, hereby certify that the foregoing transmission line design(s) is true and correct to my knowledge and conforms with the Laws of Nebraska, the Rules and Regulations of the Nebraska Public Service Commission, and the National Electrical Safety Code.		
By (Typed Name):		
By (Print Completed PDF Form and Sign):		
Title:		
Date:		
Email Address:	Phone Number:	
STATE OF _____ ) <div style="text-align: right;">)ss.</div> COUNTY OF _____ )		
_____, being first duly sworn, says that he/she is the person who signed the foregoing statement in the name of the applicant; that he/she was duly authorized to do so; that he/she is familiar with the information contained, and knows it to be true.		
(SEAL)	<div style="border-top: 1px solid black; width: 100%;"></div> (Notary Public)	