

**NEBRASKA PUBLIC SERVICE COMMISSION  
EXHIBIT B - ENGINEERING SPECIFICATIONS FOR OVERHEAD ELECTRIC TRANSMISSION LINES**

**002.02B**

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			002.02B1/002.02B2/002.02B3
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							002.02B4
<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						002.02B4
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	

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Describe Any Double or Underbuilt Circuits

**CONDUCTORS** **002.02B9**

**(Note – Show neutral conductor with associated phase conductor)**

Circuit no.	Size (AWG)	Material	Breaking strength	Arrangement	Spacing (Feet)	Span Length avg. (Feet)	Span Length max. (Feet)

**INSULATORS** **002.02B10**

Circuit no.	Type	Nominal voltage (KV)	Minimum dry flashover (KV)	Material	No. of Units/strings	Manufacturer	Manufacturer's number

**POLES** **002.02B5**

**(Note-If steel towers or other fabricated structures are used, attached specifications for each type of tower and/or structure)**

Circuit no.	Pole material or kind of lumber	Minimum line pole length (Feet)	Maximum pole elevation above sea level (Feet)	Pole Treatment	Strength (PSI)	Structures per mile

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<b>ANCHORS AND GUYS</b>							<b>002.02B6</b>
Circuit no.	Size of anchor	Type of anchor	Size of rods	Down guys	Head guys	Strength	

<b>CROSS ARMS</b>								<b>002.02B7</b>
Circuit no.	Cross arm material	Cross arm section (Inches)	Length (Feet)	Number of Pins	Number of braces	Manufacturer	Manufacturer's number	

<b>PINS AND BRACKETS</b>									<b>002.02B8</b>
Circuit no.	Pin Type	Pin size (Inches)	Pin manufacturer	Pin manufacturer's number	Bracket type	Bracket size (Inches)	Bracket manufacturer	Manufacturer's number	

<b>SPECIAL CONSIDERATIONS</b>	<b>002.02B11</b>
Describe special type of construction, if used, and give location(s)	

Remarks – Equivalent Materials May be Substituted for Those Specified Above

