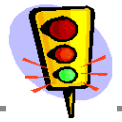


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POLE LOADING DATA

Pole: 35/5 Wood (Wood-Cylindrical)

Soil: None

Pole Loading

NESC Edition: 2012

Rule 250B: Temp=30F, Wind=9 psf, Ice=0 in

Horizontal: 78% (250B)

Loading District: Light

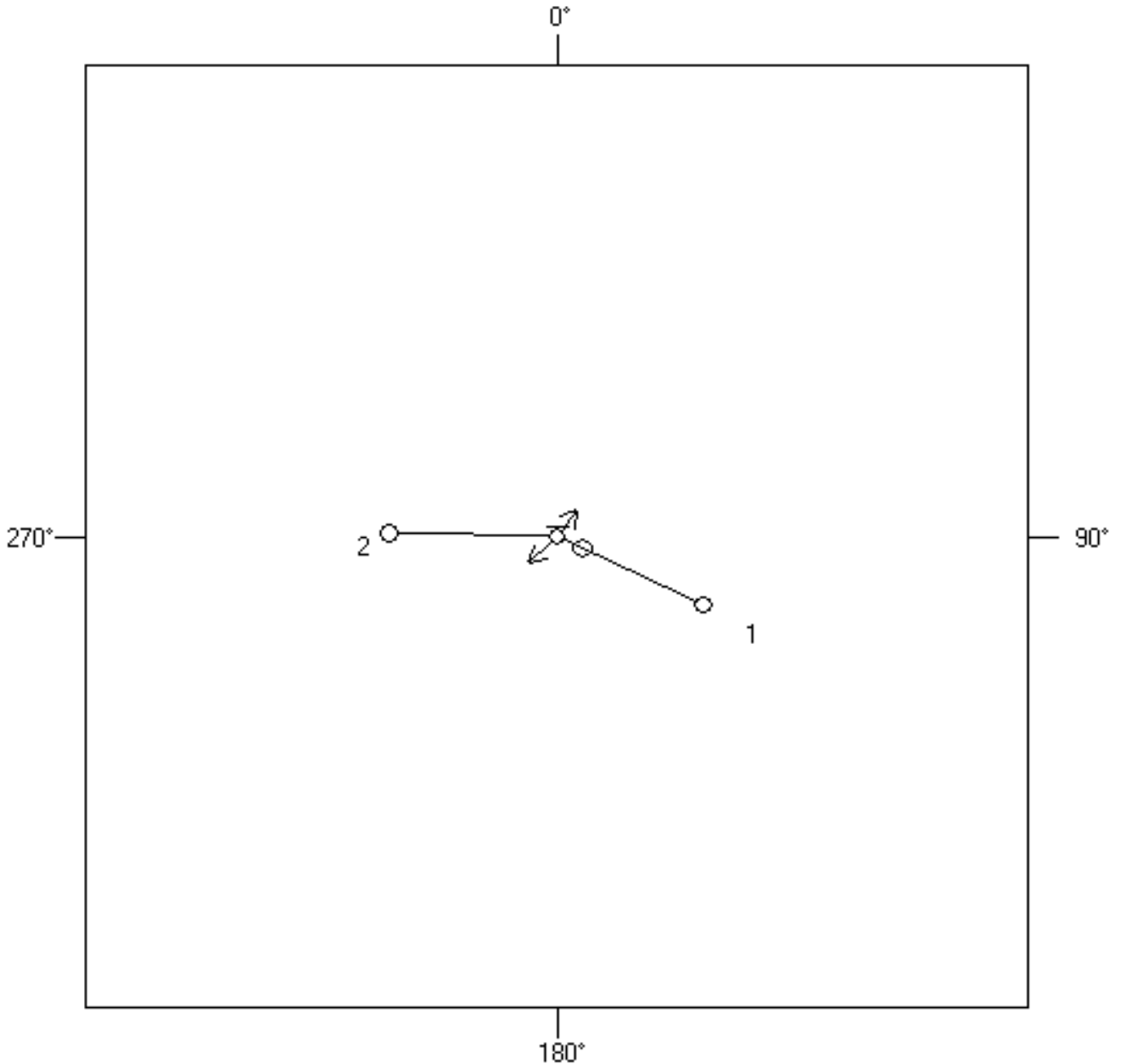
Vertical: 25% (k=0.70)

Construction: Grade B

POLES

Pole #	Length (ft)	Depth (ft)	Elevation (ft)
0	35	6	0
1	35	6	0
2	35	6	0

POLE LINE TOPOLOGY



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GUY STRAND DATA

Anchor	Strand	Attach	Length	Direction	Tension	Strength	Loading
1	9/16" EHS	26.0'	10'	0°	7,854	30,330	26%

ANCHOR DATA

Anchor	Rod	Anchor	Soil	Tension	Rod Strength	Anchor Strength
1	None	None	None	7,854	0	0

SPANS

Span: 1 Span Length (ft): 154 Direction: 115°

Circuit: 1 1PH-TAN-Vert-Wood Pole-35KV PT Poly-E-21.0.0 F2

	Ruling Span (ft)	Offset (in)	Attach A (ft)	Attach B (ft)	Tension
Primary 1/0 ACSR (6/1)	250	19	30.3	30.3	1600
Neutral 1/0 ACSR (6/1)	250	-12	22.3	22.3	1600

Joint Use

Joint Use Cable	Ruling Span (ft)	Diameter (in)	Weight (lbs/ft)	Attach A (ft)	Offset (in)	Attach B (ft)	Tension (lbs)	Description
1.00" CATV (No Tension)	250	1.00	0.34	17.0	1	17.0	0	

Span: 2 Span Length (ft): 160 Direction: 271°

Circuit: 1 1PH-TAN-Vert-Wood Pole-35KV PT Poly-E-21.0.0 F2

	Ruling Span (ft)	Offset (in)	Attach A (ft)	Attach B (ft)	Tension
Primary 1/0 ACSR (6/1)	150	19	30.3	30.3	1600
Neutral 1/0 ACSR (6/1)	150	-12	22.3	22.3	1600

Joint Use

Joint Use Cable	Ruling Span (ft)	Diameter (in)	Weight (lbs/ft)	Attach A (ft)	Offset (in)	Attach B (ft)	Tension (lbs)	Description
1.00" CATV (No Tension)	250	1.00	0.34	17.0	1	17.0	0	

SERVICES

Service	Type	Length (ft)	Direction	Attach (ft)	Tension
1/0 AL TPX SERV	Power	32	39°	22.3	267
1/0 AL TPX SERV	Power	37	226°	22.3	222

EQUIPMENT

Equipment	Weight (lbs)	Attach (ft)	Direction
50 KVA	582.0	21.3	115°

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Solid Model View

