

Mastskizze: 1100/60

ESTO 19.72

9.85 9.85

3.60 3.60 3.95 3.60 3.60

A B C D E F 17.22

0.00

Mastskizze: 1100/61n

The diagram illustrates a hierarchical tree structure. At the top is a blue horizontal line labeled "ESTO" on the left and "Z" on the right. Below this line are two red "U" and "Z" labels. A vertical line descends from the center of the "ESTO" line. To the right of the vertical line, the value "25.67" is displayed. Below the vertical line is a green horizontal line labeled "I" on the left and "0.00" on the right. From the center of the green line, a vertical line descends. To the right of this vertical line, the value "23.17" is displayed. Below the vertical line are six green horizontal lines labeled "A", "B", "C", "D", "E", and "F" from left to right. Above these lines are numerical values: "3.10" above A, "3.10" above B, "3.25" above C, "3.25" above D, "3.10" above E, and "3.10" above F. The title "Mastskizze: 1100/61n" is at the top center. The values "8.40" and "8.40" are also present above the "ESTO" line.

Node	Value
ESTO	8.40
Z	8.40
I	25.67
A	3.10
B	3.10
C	3.25
D	3.25
E	3.10
F	3.10
0.00	23.17

Mastskizze: 1100/62n

The diagram illustrates a hierarchical tree structure. At the top is a blue horizontal line labeled 'EST0' on the left and 'Z' on the right. Below this line are two red horizontal segments, each labeled 'U'. A vertical line descends from the center of the 'EST0' line. To the right of this vertical line is a blue horizontal line labeled 'I' on the left and '19.17' on the right. Below this line are six green horizontal segments, each labeled with a letter: 'A', 'B', 'C', 'D', 'E', and 'F'. A vertical line descends from the center of the 'I' line. To the right of this vertical line is a blue horizontal line labeled '0.00' on the right. Below this line are six green horizontal segments, each labeled with a letter: 'A', 'B', 'C', 'D', 'E', and 'F'. The diagram also includes numerical values for each node: 8.40, 8.40, 21.67, 3.10, 3.10, 3.25, 3.25, 3.10, 3.10, and 0.00.

Mastskizze: 1100/63n

ESTO

U 9.65 Z 9.65 19.72

A 3.60 B 3.60 C 3.75 D 3.75 E 3.60 F 3.60 17.22

0.00

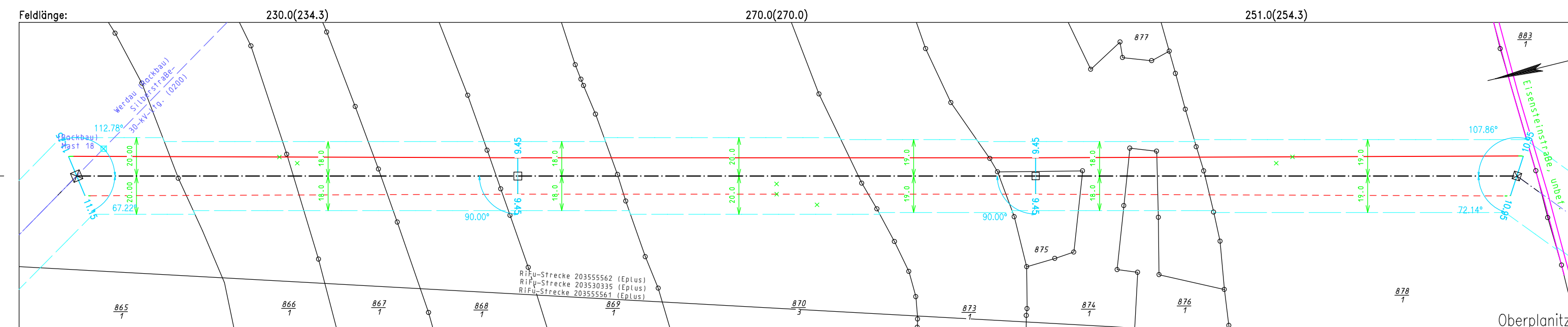
S	Ebene	Traverse
A	I	11.15 li.
B	I	7.55 li.
C	I	3.95 li.
D	I	3.95 re.
E	I	7.55 re.
F	I	11.15 re.
U	ESTO	9.85 li.
Z	ESTO	9.85 re.

Lastfallliste	
1	80° KRD
2	40° KRD
3	40° KRD W(aus)
4	-5° Eis KRD
5	-5°FuZ KRD
6	40° Wind(aus)
7	40°

<u>Höhenanschluss:</u>	
Herkunft	: VRSNow
Lage	:
Art, Nr.	:
Höhe ü. NHN	:
Letzte Festl.	:

Nutzungsart	
Durchhang	A-L = Seil 1-9 = Lastfall
Abstand	V = vertikal H = horizontal D = direkt
Objektart	
Objekthöhe	
Seitliche Oberhöhung	
— — — links	15 m
— — — rechts	15 m
Geländehöhe	

310.00 m ü. NHM



S	Ebene	Traverse
A	I	10.95 li.
B	I	7.35 li.
C	I	3.75 li.
D	I	3.75 re.
E	I	7.35 re.
F	I	10.95 re.
U	ESTO	9.65 li.
Z	ESTO	9.65 re.

215.72 GRAD
239.69 GON



Blatt 1

envia Mitteldeutsche Energie AG

110-kV Hochspannungsfreileitung

1100
Crossen – Herlasgrün

Abschnitt: 3. BA, Mast 60 bis 127n

Profilplan

Maßstab der Längen 1:2000
Maßstab der Höhen 1: 500

von Mast 1100/60 bis Mast 1100/63n

SEIL	ART	BÜNDEL	SEILTYP / QUERSCHNITT	AUSL. TEMP.	S _H (N/mm²)	S _B (N/mm²)	STATUS
A	110	1	AL/ST-EN 265/35	80° KRD	49.88	82.00	Soll
B	110	1	AL/ST-EN 265/35	80° KRD	49.90	82.00	Soll
C	110	1	AL/ST-EN 265/35	80° KRD	49.91	82.00	Soll
D	110	1	AL/ST-EN 265/35	80° KRD	49.94	82.00	Soll
E	110	1	AL/ST-EN 265/35	80° KRD	49.95	82.00	Soll
F	110	1	AL/ST-EN 265/35	80° KRD	49.96	82.00	Soll
U	SLH	1	AY/AW LWL 97/40-10.4	40° KRD	76.88	136.50	Soll
Z	ES	1	AL/ST-EN 95/55	40° KRD	68.58	122.00	Soll

Masttypen: A3.0/04

Berechnungsverfahren Ket, Norm VDE 4/16 HSP, $g = 9.81 \text{ m/s}^2$

1 fache Windlast Zone 2 (50J-Zug/3J-Aus), 1 fache Eislast (Zone 1)

Traversenhöhen und Tragkettenlängen Soll

Darstellung der Seilkurve bei $T_{max} + K_{RD}$ (po Soll); $T_{max} = 80^{\circ}C$, $K_{RD} = 40$ Jahre

Änderungen	Datum
Stand: 20.02.2019	
Aktualisierung	23.03.22

Ausgabe:	13.04.22	11:34:34
Erstellt:	21.06.18	15:28:00
Inhalt:	Planung	



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Ein Unternehmen der

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