



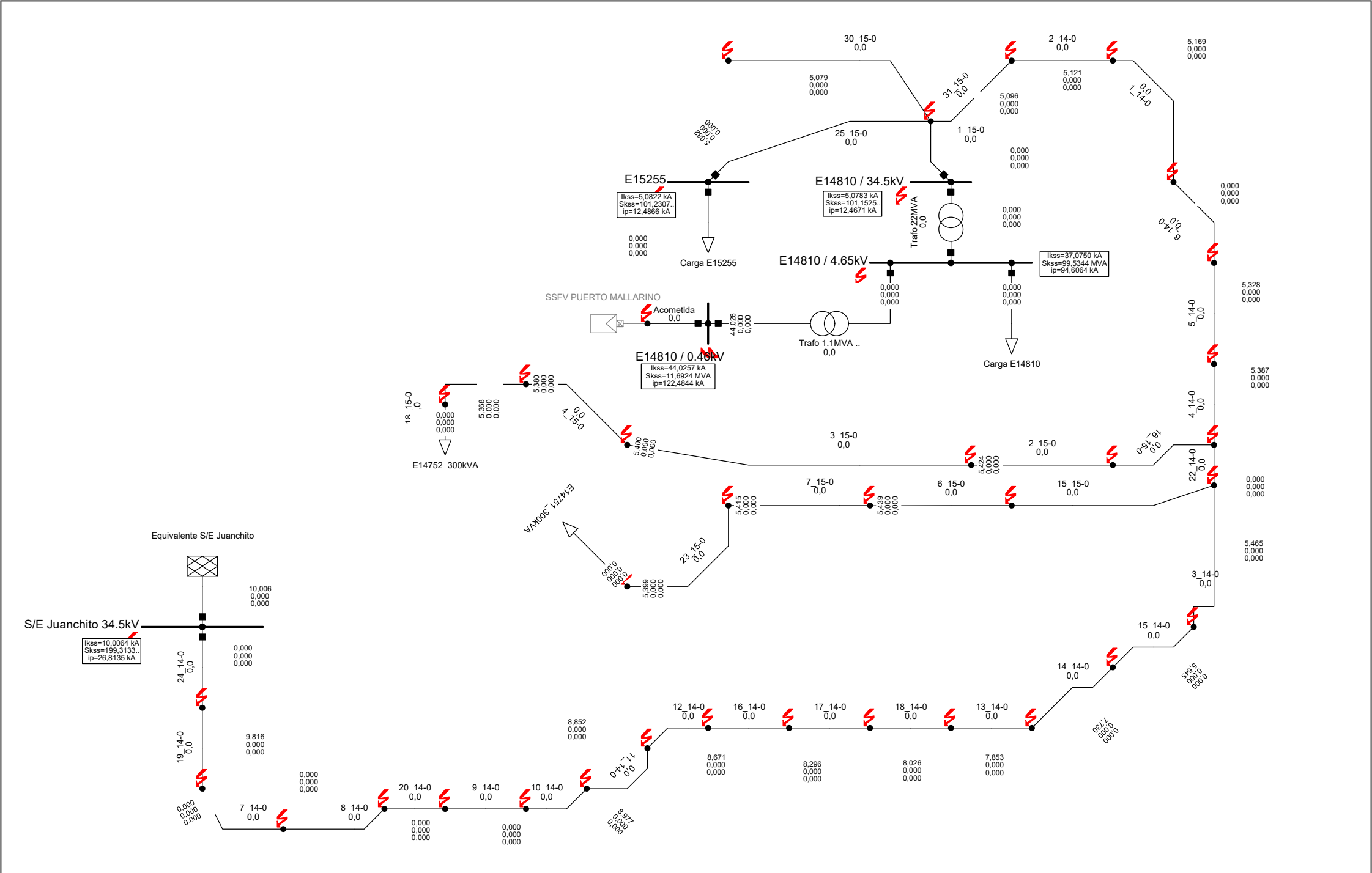
Señores: EMCALI
Medellín, Colombia
Febrero 06 de 2022



FLUX

ANEXO 3. ANÁLISIS DE CORTOCIRCUITO

Realizó	Fecha	Versión
Wilfrido Crawford	06/02/2022	2
Nicolás Achury	06/02/2022	2



Max. Single Phase to Ground IEC 60909	
Short Circuit Nodes	Branches
Initial Short-Circuit Current [kA]	Initial Short-Circ
Initial Short-Circuit Power [MVA]	Initial Short-Circ
Peak Short-Circuit Current [kA]	Initial Short-Circ



PowerFactory 2021 SP2

Flux S.A.S

Estudio de conexi3n Simplificado

Cortocircuito monof3sico - Sistema Off

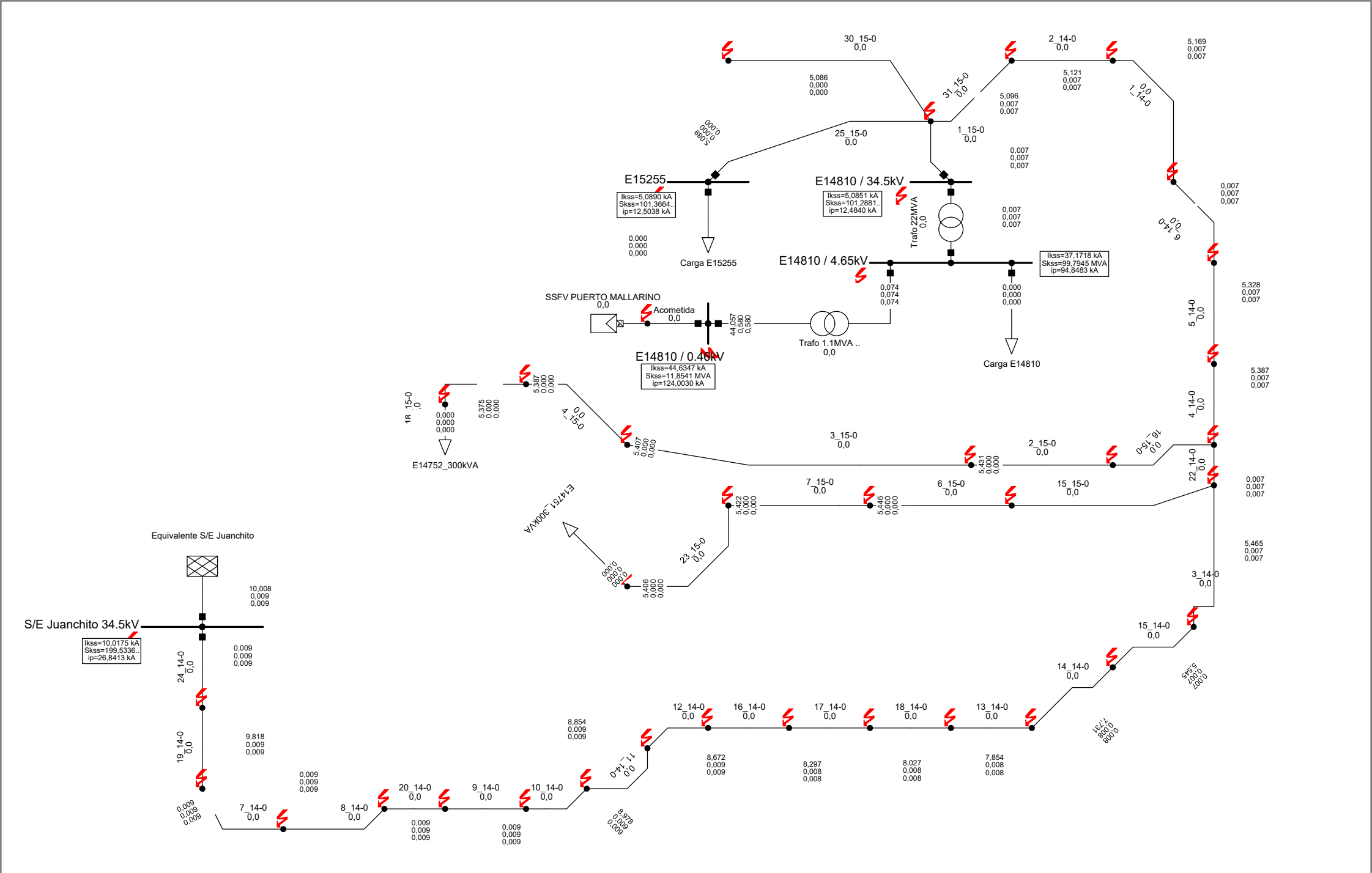
AGPE Puerto Mallarino

Project: P. Malla

Graphic: Juanchito

Date: 6/02/2022

Annex: 3



Max. Single Phase to Ground IEC 60909	
Short Circuit Nodes	Branches
Initial Short-Circuit Current [kA]	Initial Short-Circ
Initial Short-Circuit Power [MVA]	Initial Short-Circ
Peak Short-Circuit Current [kA]	Initial Short-Circ



PowerFactory 2021 SP2

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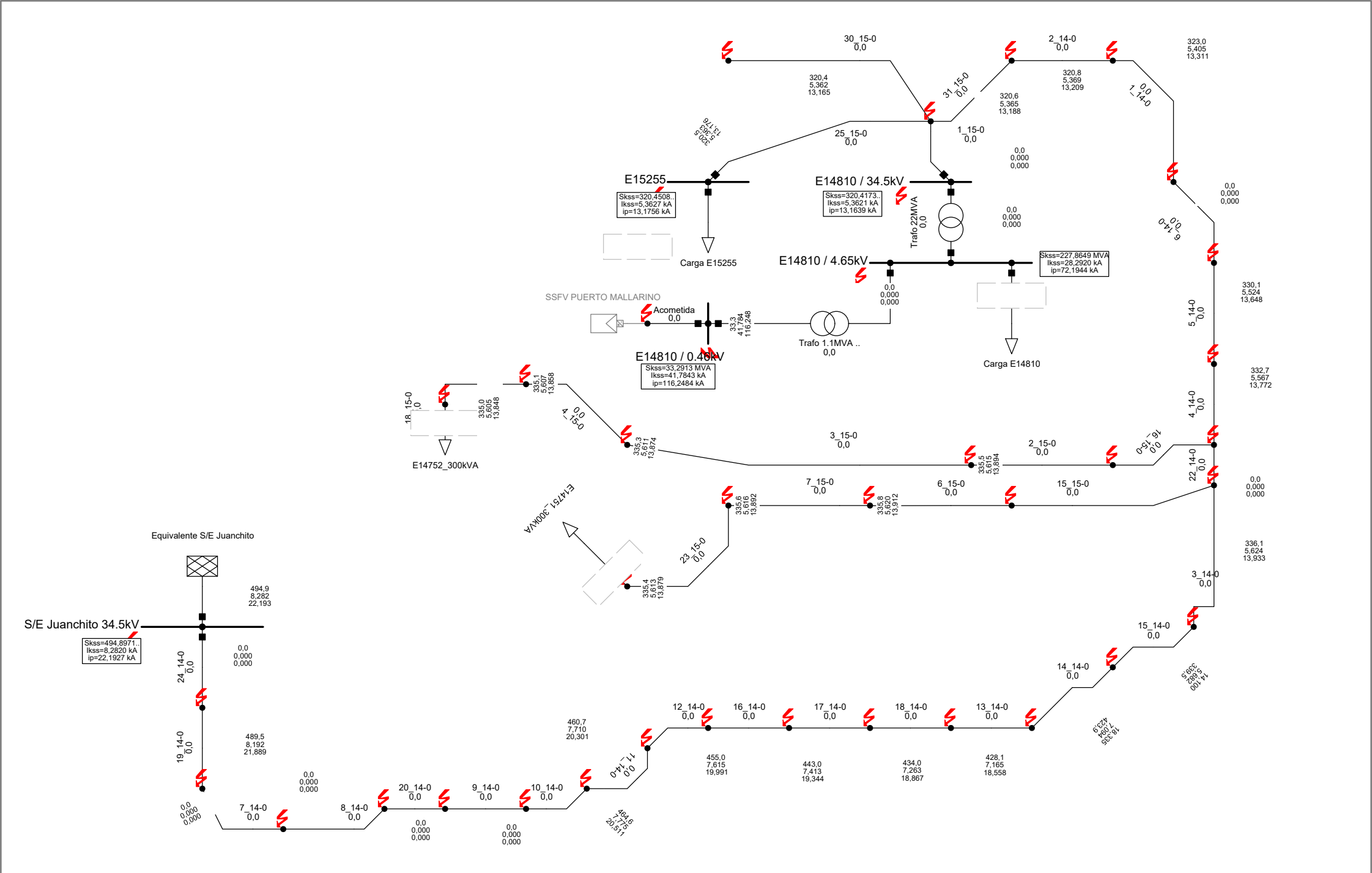
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Cortocircuito monof3sico - Sistema On
AGPE Puerto Mallarino

Project: P. Mallar

Graphic: Juanchito

Date: 6/02/2022

Annex: 3



Max. 3-Phase Short-Circuit IEC 60909	
Short Circuit Nodes	Branches
Initial Short-Circuit Power [MVA]	Initial Short-Circ
Initial Short-Circuit Current [kA]	Initial Short-Circ
Peak Short-Circuit Current [kA]	Peak Short-Circuit



PowerFactory 2021 SP2

Flux S.A.S

Estudio de conexion Simplificado

Cortocircuito trifásico - Sistema Off

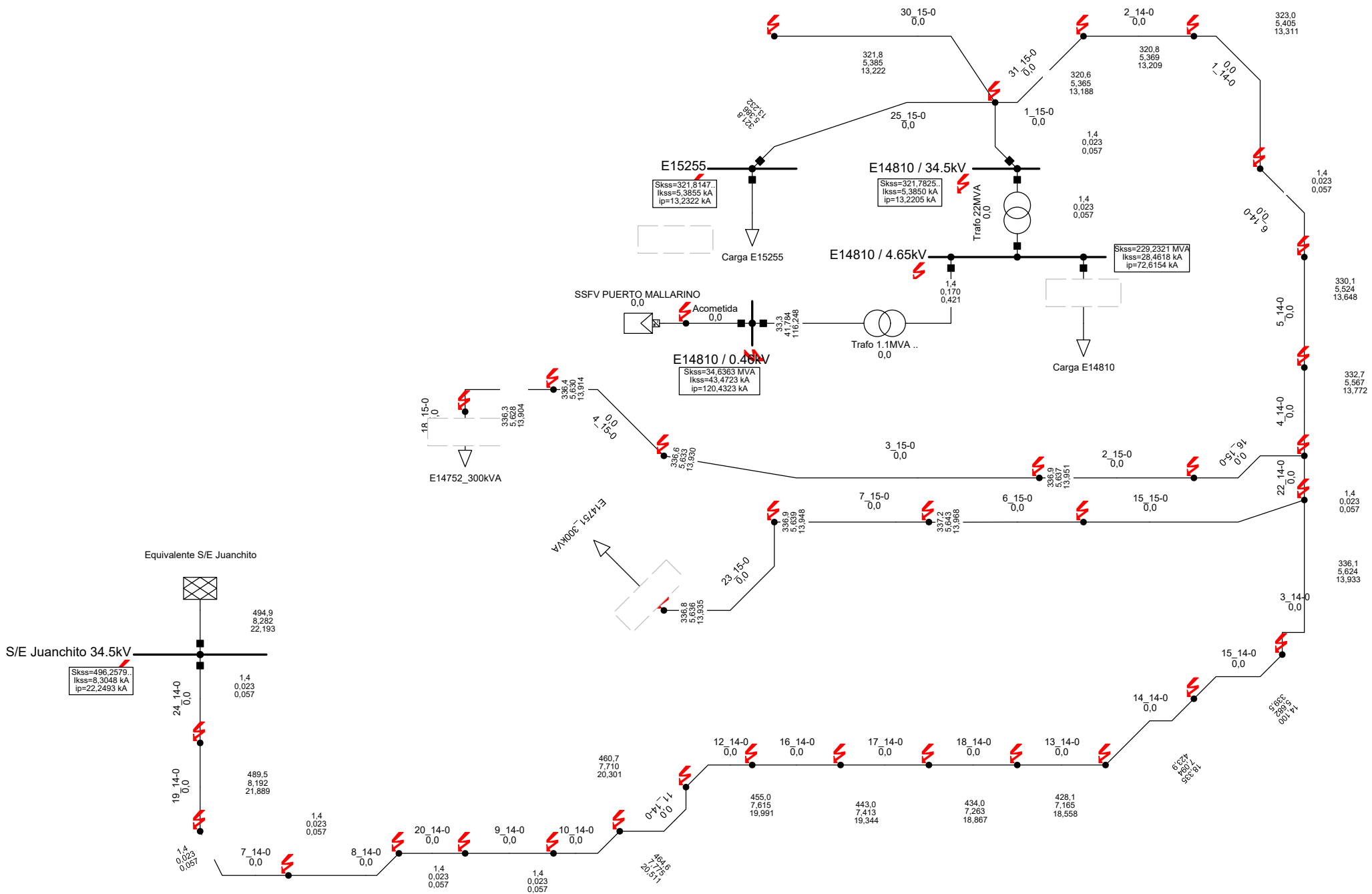
AGPE Puerto Mallarino

Project: P. Mallar

Graphic: Juanchito

Date: 6/02/2022

Annex: 3



Max. 3-Phase Short-Circuit IEC 60909	
Short Circuit Nodes	Branches
Initial Short-Circuit Power [MVA]	Initial Short-Circ
Initial Short-Circuit Current [kA]	Initial Short-Circ
Peak Short-Circuit Current [kA]	Peak Short-Circuit

 PowerFactory 2021 SP2	Flux S.A.S	Project: P. Mallar
	Estudio de conexion Simplificado Cortocircuito trifásico - Sistema On AGPE Puerto Mallarino	Graphic: Juanchito Date: 6/02/2022 Annex: 3