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*** THIS STANDARD REPLACES FORMER TDMIS-0 ***

TDMIS	Description	Last Revision Date
	GENERAL	
1	Wood Poles	01/01/2018
7	Overhead Distribution Circuit Grounding	01/01/2018
8	Overhead Transmission Circuit Grounding, 3' Insulation Spacing	Rescinded
9	Overhead Transmission Circuit Grounding, 6' Insulation Spacing	Rescinded
10	Wood Crossarm	01/01/2018
11	Wood Crossarm (Steel Braces)	01/01/2018
20	Pin and Pin Insulator	01/01/2018
22	Miscellaneous Line Hardware	01/01/2018
23	Bolted Connector Assembly <i>Replaced by TDMIS-3814</i>	Superseded
24	Copper Conductor Hand-Made Insulator Ties	01/01/2018
25	Aluminum Conductor Hand-Made Insulator Ties	01/01/2018
26	Distribution Cutout	01/01/2018
27	Distribution Arrester Application	01/01/2018
28	Hot Line Clamp and Riser Assembly	01/01/2018
29	Line Fuses <i>Replaced by TDMIS-2736</i>	Superseded
	GUYING	
100	Single Down Guy and Anchor with Insulator	01/01/2018
101	Double Down Guy and Anchor with Insulator	01/01/2018
104	Span Guy	01/01/2018
105	Span Guy with Insulator	01/01/2018
106	Span Guy with Insulator and Guy Plate	01/01/2018
109	Down Guy Fittings	01/01/2018
110	Guy Wire	01/01/2018
111	Fiberglass Guy Insulator and Grips	01/01/2018
112	Screw Anchor	01/01/2018


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Approved by Reid L. Sprite, PE, Transmission and Distribution Engineering Manager, 11/01/2019


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TDMIS	Description	Last Revision Date
113	Pole Key	01/01/2018
114	Push Pole Brace Fitting	01/01/2018
115	Expanding Anchor	01/01/2018
	TWO-PHASE CONSTRUCTION	
200	Tangent and Angles Up to 5°	01/01/2018
201	Small Line Angles, 5° - 20°	01/01/2018
202	Medium Line Angles, 20° - 60°	01/01/2018
203	Alley Arm Construction	01/01/2018
204	Large Line Angles, 60° - 90°	01/01/2018
206	Deadend Assembly	01/01/2018
207	Double Deadend	01/01/2018
208	Two Phase Branch	01/01/2018
209	Two Way Buck	01/01/2018
210	Four Way Corner	01/01/2018
	THREE-PHASE CONSTRUCTION – SPACER CABLE	
300	14” Spacer Cable Tangent Bracket, Angles Up to 5°	01/01/2018
301	24” Spacer Cable Tangent Bracket, Angles Up to 5°	01/01/2018
302	14” Spacer Cable Tangent Bracket with Anti-Sway Bracket, Angles Up to 5°	01/01/2018
303	24” Spacer Cable Tangent Bracket with Anti-Sway Bracket, Angles Up to 5°	01/01/2018
304	Spacer Cable Deadend on Crossarm	01/01/2018
305	Spacer Cable to Spacer Cable Double Deadend on Crossarm	01/01/2018
306	Spacer Cable to Open Wire Double Deadend on Crossarm	01/01/2018
308	Spacer Cable Angle Bracket, 5° - 60°	01/01/2018
309	Spacer Cable Angle Bracket, Over 60°	01/01/2018
310	Spacer Cable Spacers	01/01/2018
311	Messenger Attachment to Crossarm	01/01/2018
	THREE-PHASE CONSTRUCTION – CROSSARM	
400	Tangent and Angles Up to 5°	01/01/2018
401	Small Line Angles, 5° - 20°	01/01/2018

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402	Medium Line Angles, 20° - 60°	01/01/2018
403	Alley Arm Construction	01/01/2018
404	Large Line Angles, 60° - 90°	01/01/2018
405	Primary Neutral Assembly	01/01/2018
406	Deadend Assembly	01/01/2018
407	Double Deadend	01/01/2018
408	Three-Phase Deadend and Two-Phase Continuation, 0° - 5°	01/01/2018
409	Three-Phase Branch, 20° - 90°	01/01/2018
410	Two Way Buck	01/01/2018
411	Four Way Corner	01/01/2018
412	Two Pole “H” Frame	01/01/2018
	SECONDARY	
500	Secondary, Neutral, and Messenger Support Assembly	01/01/2018
502	Secondary and Neutral Deadend Assemblies	01/01/2018
503	Service Drop Attachments at Building	01/01/2018
	CLEARANCE	
600	Joint Use Telecommunication Equipment and Cables	01/01/2018
601	Lighting Facilities	01/01/2018
602	Clearance Between Down Guy and Line	01/01/2018
603	Conductors Attached to Different Structures	01/01/2018
604	Clearance Between Span Guy and Line Conductors Parallel to Each Other Attached to the Same Structure	01/01/2018
605	Clearance Between Span Guy and Line Conductors Traverse to Each Other Attached to the Same Structure	01/01/2018
606	Service Drop Cable Clearance for Conductors	01/01/2018
	OVERHEAD TRANSFORMERS	
800	Overhead Pole Type Transformer DOP Part Numbers <i>Replaced by TDMIS-9070</i>	Superseded
801	“T” Link Transformer Fusing <i>Replaced by TDMIS-2708</i>	Superseded
802	Overhead Transformer, Aluminum Secondary Connections	11/01/2019

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803	Cluster Type Mounting Bracket	11/01/2019
804	Overhead Transformer Installation – Single-Phase	11/01/2019
805	Overhead Transformer Installation – Three-Phase	11/01/2019
809	Overhead Transformer – Secondary Tails	11/01/2019
	SECTIONALIZING <i>Replaced by TDMIS-2700</i>	
900	Three-Phase Primary Line Sectionalizing – 200 Amp <i>Replaced by TDMIS-2736</i>	Superseded
901	Three-Phase Primary Line Sectionalizing – 600 Amp <i>Replaced by TDMIS-2738</i>	Superseded
902	Group Operated Air Break Switch (GOAB) <i>Replaced by TDMIS-2741</i>	Deleted
903	Group Operated Air Break Switch (GOAB) with Hookstick Operator <i>Replaced by TDMIS-2741</i>	Superseded
905	Three-Phase Recloser Installation – 600 Amp <i>Replaced by TDMIS-2744</i>	Superseded
906	Three-Phase Deadend Riser with Recloser and Disconnect Switches <i>Replaced by TDMIS-2746</i>	Superseded
908	Underarm Disconnect Switches <i>Replaced by TDMIS-2738</i>	Superseded
	UNDERGROUND STRUCTURE	
1000	PVC Conduit Sizing Guideline <i>Replaced by TDMIS-3016</i>	Superseded
1001	Primary Riser Pole	11/01/2019
1004	Clearance for Joint Use Direct Buried Telecom and Supply Cable	01/01/2018
1005	Concrete Pad for Three-Phase Pad Mounted Transformer – 75 kVA to 500 kVA <i>Replaced by TDMIS-3800 and TDMIS-9221</i>	Superseded
1006	Concrete Pad for Three-Phase Pad Mounted Transformer – 750 kVA to 2500 kVA	Superseded

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TDMIS	Description	Last Revision Date
	<i>Replaced by TDMIS-3800 and TDMIS-9222</i>	
1009	Fiberglass Flat Pad for Single Phase Transformer <i>Replaced by TDMIS-9220</i>	Superseded
1010	Primary Metering Enclosure with Concrete Foundation – 200 Amp	01/01/2018
1011	Primary Metering Enclosure with Concrete Foundation – 600 Amp	01/01/2018
1012	4' x 4' Pull Box	01/01/2018
1013	Concrete Duct Bank <i>Replaced by TDMIS-3000</i>	Superseded
1014	Precast Vault	01/01/2018
1015	Precast Manhole	01/01/2018
1016	Precast Switchgear Manhole	01/01/2018
	UNDERGROUND CONNECTORS AND COMPONENTS	
1100	Loadbreak Elbow – 200 Amp	01/01/2018
1101	Loadbreak Connector – 200 Amp	01/01/2018
1102	Loadbreak Bushing Inserts – 200 Amp	01/01/2018
1103	Deadbreak Elbow System – 600 Amp	01/01/2018
1104	Elbow Surge Arrester – 200 Amp	01/01/2018
1105	Cable Splice	01/01/2018
1106	Cable Grips	01/01/2018
	PAD MOUNTED TRANSFORMERS <i>Refer to TDMIS-3700 and TDMIS-3800</i>	
1200	Pad Mounted Transformer Part Numbers <i>Replaced by TDMIS-9071 and TDMIS-9072</i>	Superseded
1201	Single Phase Pad Mounted Transformer, Standard Connection <i>Replaced by TDMIS-3732</i>	Superseded
1202	Three Phase Pad Mounted Transformer, Standard Connection, 6 Primary Bushings <i>Replaced by TDMIS-3741 and TDMIS-3742</i>	Superseded
1205	Pad Mounted URD Single Phase Transformer Connection <i>Replaced by TDMIS-3734</i>	Superseded
1206	Single Phase Dead Front Pad Mounted Transformer	Superseded

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TDMIS	Description	Last Revision Date
	<i>Replaced by TDMIS-3731</i>	
1209	480 V Service from Single-Phase Dead-Front Pad-Mounted Transformer <i>Replaced by TDMIS-3734</i>	Superseded
1211	120/208 V or 277/480 V Wye Secondary Wiring <i>Replaced by TDMIS-3743</i>	Superseded
1212	480 V Three-Wire Secondary Wiring	Deleted
1213	Circle-Ground Assembly <i>Replaced by TDMIS-3855</i>	Superseded
	UNDERGROUND CABLE RISERS	
1300	Single-Phase Primary Riser – 200 Amp (One Phase Conductor)	01/01/2018
1301	Single-Phase Primary Riser – 200 Amp (Two Phase Conductors)	01/01/2018
1302	Three-Phase Primary Riser – 200 Amp	01/01/2018
1303	Three-Phase Primary Riser – 600 Amp	01/01/2018
	UNDERGROUND ENCLOSURES AND SWITCHES	
1400	Single-Phase Primary Enclosure – 200 Amp	01/01/2018
1401	Three-Phase Primary Enclosure – 600 Amp	01/01/2018
1402	Non-Metallic Service Pedestal	01/01/2018
1403	Non-Metallic Subsurface Service Enclosure	01/01/2018
1405	Vault-Mounted SF6 Gas Primary Switch	01/01/2018
1406	Pad-Mounted SF6 Gas Primary Switch	01/01/2018
	WIRE AND CABLE	
1500	Overhead Conductor, Spacer Cable <i>Replaced by TDMIS-2300 and TDMIS-9063</i>	Superseded
1501	Overhead Conductor, ACSR and Aluminum <i>Replaced by TDMIS-2300 and TDMIS-9061</i>	Superseded
1502	Overhead Conductor, Copper <i>Replaced by TDMIS-2300 and TDMIS-9062</i>	Superseded
1510	Underground Cable <i>Replaced by TDMIS-9251</i>	Superseded

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TDMIS	Description	Last Revision Date
	POLICIES AND PROCEDURES	
1600	Existing Overhead Transmission and Distribution System Removal	01/01/2018
1601	Existing Underground Distribution System Removal	01/01/2018
1602	Minimum Standards	Rescinded
1603	Conductor Safety Policy	01/01/2018
1604	Hold Card System	01/01/2018
1605	High Potential Power Cable Test	01/01/2018
1606	Cable Continuity Test	01/01/2018
1607	Ground Rod Test	01/01/2018
1608	Signage for CIP Projects	01/01/2018
2300	CONDUCTORS	
2310	Primary Conductors	11/01/2019
2340	Secondary Conductors and Distribution	11/01/2019
2360	Services	11/01/2019
2700	PROTECTION	
2701	Fuse Ratings	11/01/2019
2702	Continuous Rating	11/01/2019
2703	Disconnect Rating	11/01/2019
2704	Interrupting Rating	11/01/2019
2705	Selection Guide	11/01/2019
2706	Fault Circuit Indicators	11/01/2019
2707	Installation – Cutout and Disconnecting Devices	11/01/2019
2708	Measurement and Payment	11/01/2019
2730	Construction Drawings	
2731	Fuse Selection for Overhead and Underground Transformers	11/01/2019
2732	Fuse Selection for Overhead Capacitor Banks	11/01/2019
2733	Standard Fuse Links	11/01/2019
2736	Three-Phase Primary Sectionalizing	11/01/2019
2738	Underslung Disconnect Switch Tangent Angles 0° - 20°	11/01/2019

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TDMIS	Description	Last Revision Date
2741	Three-Phase Primary Sectionalizing - Air Break Switch Below Crossarm	11/01/2019
2744	Three-Phase Recloser	11/01/2019
2745	Three-Phase Recloser – Control and Communication Details	11/01/2019
2746	Three-Phase Recloser with Primary Riser Deadend	11/01/2019
3000	CONDUIT	
3001	Application	11/01/2019
3002	Type	11/01/2019
3003	Bending	11/01/2019
3004	Spacing	11/01/2019
3005	Fittings	11/01/2019
3006	Pitch	11/01/2019
3007	Burial Depths	11/01/2019
3008	Clearances	11/01/2019
3009	Excavation	11/01/2019
3010	Inspection	11/01/2019
3011	Connection of Conduit Fittings	11/01/2019
3012	Concrete	11/01/2019
3013	Backfill	11/01/2019
3014	Warning Tape	11/01/2019
3015	Mandrel	11/01/2019
3016	Duct Sizing for Three Solid Dielectric Parallel Cables	11/01/2019
3017	Measurement and Payment	11/01/2019
3700	TRANSFORMERS – UNDERGROUND	
3701	Customer Requirements	11/01/2019
3702	Location	11/01/2019
3703	Sizing and Loading	11/01/2019
3704	Secondary Cables	11/01/2019
3705	Secondary Cable Connections	11/01/2019
3706	Grounding and Bonding	11/01/2019
3707	Fusing	11/01/2019

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3708	Metering	11/01/2019
3709	Surge Protection	11/01/2019
3710	Easements	11/01/2019
3711	Pad-Mounted Transformer Foundation	11/01/2019
3712	Subway Transformers	11/01/2019
3713	Measurement and Payment	11/01/2019
3730	Construction Drawings	
3731	Single-Phase Pad-Mounted Transformer	11/01/2019
3732	Single-Phase Pad-Mounted Transformer - Standard Connections	11/01/2019
3733	Single-Phase Pad-Mounted Transformer - Secondary Connections	11/01/2019
3734	Single-Phase Pad-Mounted Transformer - 480 V Street Lighting Service	11/01/2019
3741	Three-Phase Pad-Mounted Transformer	11/01/2019
3742	Three-Phase Pad-Mounted Transformer - Standard Connections	11/01/2019
3743	Three-Phase Pad-Mounted Transformer - Secondary Connections	11/01/2019
3800	UNDERGROUND DEVELOPMENTS	
3801	Clearance from Buildings and Objects	11/01/2019
3802	Accessibility	11/01/2019
3803	Mechanical Protection	11/01/2019
3804	Noise Level	11/01/2019
3805	Finished Grade	11/01/2019
3806	Easements	11/01/2019
3807	Clean Fill Certification	11/01/2019
3808	Trench and Ductline	11/01/2019
3809	Riser Pole	11/01/2019
3810	Switch / Switchgear	11/01/2019
3811	Pad-Mounted Transformer Installation	11/01/2019
3812	Primary and Secondary Cable Terminations	11/01/2019
3813	Secondary Cables	11/01/2019

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3814	Secondary Connections	11/01/2019
3815	Metering	11/01/2019
3816	Bollards	11/01/2019
3817	Concrete Pad	11/01/2019
3818	Reinforcing	11/01/2019
3819	Sand and Gravel	11/01/2019
3820	Precast / Poured Slab Conduit Entry	11/01/2019
3821	Ground Grid	11/01/2019
3822	Oil Containment	11/01/2019
3823	Cable Tags	11/01/2019
3824	Fault Indicators	11/01/2019
3825	Underground Residential Distribution (URD)	11/01/2019
3826	Measurement and Payment	11/01/2019
3850	Construction Drawings	11/01/2019
3851	Precast Concrete Transformer Pad – 75 to 500 kVA	11/01/2019
3852	Precast Concrete Transformer Pad – 750 to 2500 kVA	11/01/2019
3853	Bollards	11/01/2019
3854	Typical Bollard Detail	11/01/2019
3855	Ground Grid Installation Details	11/01/2019
3856	Oil Containment Installation Detail	11/01/2019
3857	Loop Feed Pad-Mounted Transformer Installation	11/01/2019
3858	Loop Feed Pad-Mounted Transformer Installation with Open Point	11/01/2019
3859	Loop Feed Pad-Mounted Transformer Installation with Radial Feed	11/01/2019
8000	MATERIALS CATALOG	
9000	MATERIAL SPECIFICATIONS	
9011	Service and Secondary Conductor	11/01/2019
9033	Fired Wedge Connectors	11/01/2019
9061	Conductors – Primary Distribution Aluminum Bare	11/01/2019
9062	Conductors – Primary Distribution Copper	11/01/2019
9063	Conductors – Primary Distribution Spacer Cable	11/01/2019

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9064	Conductors – Metering and Control Wire	11/01/2019
9070	Transformers – Overhead	11/01/2019
9071	Transformers – Pad-Mounted – Single-Phase	11/01/2019
9072	Transformers – Pad-Mounted – Three-Phase	11/01/2019
9073	Transformers – Subway – Single-Phase	11/01/2019
9074	Transformers – Subway – Three-Phase	11/01/2019
9102	Line Reclosers – Pole-Mount	11/01/2019
9104	Single-Phase Disconnect Switches	11/01/2019
9106	Group Operated Air Break Switch	11/01/2019
9211	Light Duty Secondary Hand Hole	09/30/2020
9220	Fiberglass Pad for Single-Phase Transformers	09/30/2020
9221	Precast Concrete Foundation for Three-Phase Pad-Mounted Transformer – 75 to 500 kVA	11/01/2019
9222	Precast Concrete Foundation for Three-Phase Pad-Mounted Transformer – 750 to 2500 kVA	11/01/2019
9225	Fiberglass Switching Enclosure	09/30/2020
9234	Precast Concrete Switchgear Collar for Existing Vaults (Standard)	09/30/2020
9235	Precast Concrete Switchgear Collar for Existing Vaults (Large)	09/30/2020
9251	Medium Voltage Power Cable – New Construction	11/01/2019
9252	Medium Voltage Power Cable – Maintenance Only	11/01/2019
9253	Underground Cable – Secondary Voltage Cable	11/01/2019
9274	Molded Vacuum Switchgear	09/30/2020

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