



FRN:

0004948105

Data as of:

Dec 31, 2017

Operations:

ILEC

Submission Status:

Original - Submitted

Last Updated:

Feb 28, 2018 10:46:21

Filer Identification

Section	Question	Response
	Provider Name	TDS TELECOMMUNICATIONS CORPORATION
	Holding Company Name	Telephone and Data Systems, Inc.
Filer Information	SAC ID	100005, 100007, 100010, 100011, 100024, 100031, 100034, 120045, 120047, 120049, 120050, 123321, 140058, 140061, 140062, 150089, 150092, 150114, 150118, 150129, 150133, 170183, 170206, 190217, 190253, 193029, 210338, 220338, 220346, 220351, 220375, 240533, 240535, 240544, 240551, 250284, 250311, 250314, 260411, 260412, 260417, 280448, 283301, 287449, 290559, 290566, 290575, 290578, 300585, 300607, 300613, 300645, 300662, 310672, 310677, 310685, 310726, 310738, 320744, 320776, 320777, 320778, 320788, 320809, 320816, 320829, 320830, 320837, 330844, 330849, 330851, 330856, 330859, 330875, 330880, 330881, 330909, 330914, 330915, 330917, 330930, 330943, 330945, 330952, 330954, 330955, 330958, 330963, 330968, 361350, 361362, 361413, 361433, 361507, 431984, 432010, 452171, 452174, 462184, 462207, 472230, 522404, 522427, 522430, 532404, 542321, 542322, 542323
	499 ID	801201, 801264, 801558, 801561, 801576, 801840, 801945, 802068, 802134, 803232, 804465, 804768, 804819, 805377, 805434, 805437, 805446, 805449, 805455, 805461, 805467, 805473, 805479, 805485, 805560, 805563, 805566, 805569, 805572, 805575, 805578, 805581, 805584, 805585, 805587, 805590, 805593, 805596, 805602, 805866, 806409, 806523, 806526, 806529, 806532, 806535, 806538, 806541, 806544, 806547, 806550, 806553, 806556, 806559, 806565, 806568, 806574, 806577, 806580, 806583, 806586, 806589, 806592, 806598, 806604, 806607, 806610, 806613, 806619, 806622, 806625, 806628, 806631, 806634, 806637,

Section	Question	Response
		806766, 806775, 806781, 806784, 806787, 806790, 806793, 806796, 806799, 806802, 806805, 806808, 806814, 806817, 806820, 806823, 806862, 807207, 807810, 807813, 808275, 808374, 808410, 808419, 808425, 809001, 809034, 809218, 809570, 809790
	Data Contact Name	Pam Trickel
Data Contact Information	Data Contact Phone Number	(608) 664-7872
	Data Contact E-mail	pamela.trickel@tdstelecom.com
	Emergency Operations Name	Network Operations Management
Emergency Operations Contact Information	Emergency Operations Phone Number	(888) 790-1216
	Emergency Operations E-mail	telecom.network.management@tdstelecom.com
	Certifying Official Name	Andrew Petersen
Certifying Official Contact Information	Certifying Official Phone Number	(608) 664-4155
	Certifying Official E-mail	andrew.petersen@tdstelecom.com

Data Submitted

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Deployment	fixed_broadband_deploymentelec.csv	Feb 22, 2018 06:46:01	77401
Fixed Broadband Subscription	201712_ilec_data_Crosstab.csv	Feb 26, 2018 14:19:29	7664
Fixed Voice Subscription	201712_ilec_voice_Crosstab.csv	Feb 21, 2018 15:56:29	1166

Fixed Broadband Deployment

Census Block Counts by State, DBA Name and Technology

State	DBA Name	Technology	Blocks
Alabama	TDS TELECOM	ADSL2	
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
		ADSL2	
Arizona	TDS TELECOM	Asymmetric xDSL	
		VDSL	
		ADSL2	
California	TDS TELECOM	Asymmetric xDSL	
		VDSL	

PUBLIC VERSION

State	DBA Name	Technology	Blocks
Colorado	TDS TELECOM	ADSL2	
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
Florida	TDS TELECOM	ADSL2	
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
Georgia	TDS TELECOM	ADSL2	
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
Idaho	TDS TELECOM	ADSL2	
		Asymmetric xDSL	
		VDSL	
Indiana	TDS TELECOM	ADSL2	

PUBLIC VERSION

State	DBA Name	Technology	Blocks
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
		ADSL2	
Kentucky	TDS TELECOM	Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
		ADSL2	
Maine	TDS TELECOM	Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
		ADSL2	
Michigan	TDS TELECOM	Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
Minnesota	TDS TELECOM	ADSL2	

PUBLIC VERSION

State	DBA Name	Technology	Blocks
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
		ADSL2	
Mississippi	TDS TELECOM	Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
		ADSL2	
New Hampshire	TDS TELECOM	Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
		ADSL2	
New York	TDS TELECOM	Asymmetric xDSL	
		VDSL	
North Carolina	TDS TELECOM	ADSL2	
Ohio	TDS TELECOM	ADSL2	

PUBLIC VERSION

State	DBA Name	Technology	Blocks
		Asymmetric xDSL	
		VDSL	
		ADSL2	
Oklahoma	TDS TELECOM	Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
Oregon	TDS TELECOM	Asymmetric xDSL	
		ADSL2	
Pennsylvania	TDS TELECOM	Asymmetric xDSL	
		VDSL	
		ADSL2	
South Carolina	TDS TELECOM	Asymmetric xDSL	
		VDSL	
		ADSL2	
Tennessee	TDS TELECOM	Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	

PUBLIC VERSION

State	DBA Name	Technology	Blocks
Vermont	TDS TELECOM	VDSL	
		ADSL2	
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
Virginia	TDS TELECOM	ADSL2	
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
		ADSL2	474
Washington	TDS TELECOM	Asymmetric xDSL	444
		Optical Carrier/Fiber to the End User	10
		VDSL	309
		ADSL2	
		Asymmetric xDSL	
Wisconsin	TDS TELECOM	Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	

State	DBA Name	Technology	Blocks
		VDSL	
		Total	

Fixed Broadband Subscription

Fixed Broadband Subscriptions by State, Technology and End-user Type

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
	Asymmetric xDSL				
Alabama	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
Arizona	Asymmetric xDSL				
California	Asymmetric xDSL				
	Asymmetric xDSL				
Colorado	Optical Carrier/Fiber to the End User				
	Asymmetric xDSL				
Florida	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				

PUBLIC VERSION

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
Georgia	Asymmetric xDSL				
	Optical Carrier/Fiber to the End User				
Idaho	Symmetric xDSL				
	Asymmetric xDSL				
Indiana	Asymmetric xDSL				
	Optical Carrier/Fiber to the End User				
Kentucky	Symmetric xDSL				
	Asymmetric xDSL				
Maine	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
Michigan	Asymmetric xDSL				
	Optical Carrier/Fiber to the End User				

PUBLIC VERSION

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
	Symmetric xDSL				
	Asymmetric xDSL				
Minnesota	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
Mississippi	Asymmetric xDSL				
	Optical Carrier/Fiber to the End User				
	Asymmetric xDSL				
New Hampshire	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
New York	Asymmetric xDSL				
Ohio	Asymmetric xDSL				
	Asymmetric xDSL				
Oklahoma	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
Oregon	Asymmetric xDSL				

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
Pennsylvania	Asymmetric xDSL				
	Asymmetric xDSL				
South Carolina	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
	Asymmetric xDSL				
Tennessee	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
	Asymmetric xDSL				
Vermont	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
	Asymmetric xDSL				
Virginia	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
	Asymmetric xDSL	127	5993	303	6296
Washington	Optical Carrier/Fiber to the End User	3	26	0	26

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
Wisconsin	Symmetric xDSL	1	1	10	10
	Asymmetric xDSL				
	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
	Total				

Fixed Broadband Subscriptions by Bandwidths and End-user Type

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
0.384	0.256			
0.768	0.512			
1.000	0.512			
1.500	0.512			
1.500	1.500			
2.000	2.000			
3.000	0.512			
3.000	3.000			

PUBLIC VERSION

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
4.000	0.512			
4.000	4.000			
5.000	0.512			
5.000	512.000			
6.000	0.512			
6.000	6.000			
7.000	0.768			
10.000	0.768			
10.000	2.000			
12.000	12.000			
15.000	0.768			
15.000	1.000			
15.000	2.000			
15.000	768.000			
25.000	1.500			
25.000	2.000			

PUBLIC VERSION

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
25.000	5.000			
25.000	10.000			
25.000	25.000			
50.000	10.000			
50.000	20.000			
50.000	50.000			
75.000	30.000			
100.000	40.000			
100.000	50.000			
100.000	100.000			
300.000	120.000			
300.000	300.000			
1000.000	400.000			
Total				

Fixed Broadband Subscriptions by Technology, Bandwidths and End-user Type

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
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Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	0.384	0.256			
	0.768	0.512			
	1.000	0.512			
	1.500	0.512			
	3.000	0.512			
	4.000	0.512			
	5.000	0.512			
Asymmetric xDSL	5.000	512.000			
	6.000	0.512			
	7.000	0.768			
	10.000	0.768			
	15.000	0.768			
	15.000	1.000			
	15.000	2.000			
	15.000	768.000			
	25.000	1.500			

PUBLIC VERSION

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	25.000	2.000			
	25.000	5.000			
	50.000	10.000			
	0.768	0.512			
	1.000	0.512			
	1.500	0.512			
	2.000	2.000			
	3.000	0.512			
	4.000	0.512			
Optical Carrier/Fiber to the End User	5.000	0.512			
	10.000	2.000			
	15.000	2.000			
	25.000	5.000			
	25.000	10.000			
	50.000	10.000			
	50.000	20.000			

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	50.000	50.000			
	75.000	30.000			
	100.000	40.000			
	100.000	50.000			
	100.000	100.000			
	300.000	120.000			
	300.000	300.000			
	1000.000	400.000			
	1.500	1.500			
	2.000	2.000			
	3.000	3.000			
	4.000	4.000			
Symmetric xDSL	6.000	6.000			
	12.000	12.000			
	25.000	25.000			
	50.000	50.000			

Technology

Downstream Bandwidth (in Mbps)

Upstream Bandwidth (in Mbps)

Consumer

Business / Govt

Total

100.000

100.000

Fixed Voice Subscription

VGE Lines and VoIP Subscriptions by State and End-user Type

State

Total VGE Lines

Consumer VGE Lines

Total VoIP Subscriptions

Consumer VoIP Subscriptions

Alabama

Arizona

California

Colorado

Florida

Georgia

Idaho

Indiana

Kentucky

Maine

Michigan

PUBLIC VERSION

State	Total VGE Lines	Consumer VGE Lines	Total VoIP Subscriptions	Consumer VoIP Subscriptions
Minnesota				
Mississippi				
New Hampshire				
New York				
Ohio				
Oklahoma				
Oregon				
Pennsylvania				
South Carolina				
Tennessee				
Vermont				
Virginia				
Washington		8067	7209	167
Wisconsin				
Total				

Fixed Voice Subscription (VGE Lines)

VGE Lines Provided to Unaffiliated Providers by State

State	Wholesale	UNE-L
Alabama		
Arizona		
California		
Colorado		
Florida		
Georgia		
Idaho		
Indiana		
Kentucky		
Maine		
Michigan		
Minnesota		
Mississippi		
New Hampshire		
New York		
Ohio		

State	Wholesale	UNE-L
Oklahoma		
Oregon		
Pennsylvania		
South Carolina		
Tennessee		
Vermont		
Virginia		
Washington	█	█
Wisconsin		
Total		

VGE Lines Provided to End Users by State, Bundle and Product Type

State	Total	by Bundle		by Product Type			
		Sold w/ Internet	Sold w/o Internet	Consumer		Bus-Govt	
				& No PIC	& PIC	& No PIC	& PIC
Alabama							
Arizona							

State	Total	by Bundle		by Product Type			
		Sold w/ Internet	Sold w/o Internet	Consumer		Bus-Govt	
				& No PIC	& PIC	& No PIC	& PIC
California							
Colorado							
Florida							
Georgia							
Idaho							
Indiana							
Kentucky							
Maine							
Michigan							
Minnesota							
Mississippi							
New Hampshire							
New York							
Ohio							

State	Total	by Ownership				by Last-mile Medium		
		Owned	UNE-L	Resale	FTTP	Coax	Fixed Wireless	Copper
Oklahoma								
Oregon								
Pennsylvania								
South Carolina								
Tennessee								
Vermont								
Virginia								
Washington	3067	3067	0	0	32	0	0	3035
Wisconsin								
Total								

Fixed Voice Subscription (iVoIP)

Over-the-top VoIP Subscriptions by State and End-user Type

State	Total	Consumer	Business / Govt
Alabama			
Florida			

State	Total	Consumer	Business / Govt
Georgia			
Indiana			
Kentucky			
Maine			
Michigan			
Minnesota			
New Hampshire			
Oklahoma			
South Carolina			
Tennessee			
Vermont			
Virginia			
Washington	█	█	█
Wisconsin			
Total			

All other VoIP Subscriptions by State, End-user Type, Bundle and Last-mile Medium

