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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, 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

Section	Question	Response
	Data Contact Name	Pam Trickel
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	Certifying Official E-mail	kevin.hess@tdstelecom.com

Data Submitted

Form Section	File Name	Date & Time	Number of Rows
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Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Deployment	fixed_broadband_deployment.csv	Feb 21, 2017 16:08:27	76628
Fixed Broadband Subscription	ilec_data_201612.csv	Mar 7, 2017 15:42:16	6756
Fixed Voice Subscription	ilec_voice_201612.csv	Mar 7, 2017 15:42:48	1181

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	
Arizona	TDS TELECOM	ADSL2	
		Asymmetric xDSL	
		VDSL	
California	TDS TELECOM	ADSL2	
		Asymmetric xDSL	

State	DBA Name	Technology	Blocks
Colorado	TDS TELECOM	VDSL	
		ADSL2	
		Asymmetric xDSL	
		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	

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

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

State	DBA Name	Technology	Blocks
		VDSL	
		ADSL2	
Ohio	TDS TELECOM	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	

State	DBA Name	Technology	Blocks
Tennessee	TDS TELECOM	ADSL2	
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
Vermont	TDS TELECOM	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	
Washington	TDS TELECOM	ADSL2	XXXXXX
		Asymmetric xDSL	XXXXXX
		Optical Carrier/Fiber to the End User	XXXXXX

State	DBA Name	Technology	Blocks
		VDSL	XXXXXX
		ADSL2	
		Asymmetric xDSL	
Wisconsin	TDS TELECOM	Optical Carrier/Fiber to the End User	
		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				

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

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

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

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
Virginia	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
	Asymmetric xDSL				
	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
	Asymmetric xDSL	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Washington	Optical Carrier/Fiber to the End User	XXXXXX	XXXXXX	XXXXXX	XXXXXX
	Symmetric xDSL	XXXXXX	XXXXXX	XXXXXX	XXXXXX
	Asymmetric xDSL				
Wisconsin	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
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Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
0.256	0.128			
0.384	0.256			
0.512	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			
4.000	0.512			
4.000	4.000			
5.000	0.512			
6.000	0.512			
6.000	6.000			

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
7.000	0.768			
7.000	0.864			
10.000	0.768			
10.000	2.000			
12.000	12.000			
15.000	0.768			
15.000	2.000			
25.000	2.000			
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			

	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	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
Asymmetric xDSL	0.256	0.128			
	0.384	0.256			
	0.512	0.256			
	0.768	0.512			
	1.000	0.512			
	1.500	0.512			

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	3.000	0.512			
	4.000	0.512			
	5.000	0.512			
	6.000	0.512			
	7.000	0.768			
	10.000	0.768			
	15.000	0.768			
	25.000	2.000			
	25.000	5.000			
	50.000	10.000			
	0.768	0.512			
	1.000	0.512			
Optical Carrier/Fiber to the End User	1.500	0.512			
	2.000	2.000			
	3.000	0.512			

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	4.000	0.512			
	5.000	0.512			
	6.000	0.512			
	7.000	0.864			
	10.000	2.000			
	15.000	2.000			
	25.000	5.000			
	25.000	10.000			
	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			

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	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			
	100.000	100.000			
	Total				

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				
Minnesota				
Mississippi				
New Hampshire				
New York				

State	Total VGE Lines	Consumer VGE Lines	Total VoIP Subscriptions	Consumer VoIP Subscriptions
Ohio				
Oklahoma				
Oregon				
Pennsylvania				
South Carolina				
Tennessee				
Vermont				
Virginia				
Washington		XXXXXX XXXXXX	XXXXXX	XXXXXX
Wisconsin				
Total				

Fixed Voice Subscription (VGE Lines)

VGE Lines Provided to Unaffiliated Providers by State

State	Wholesale	UNE-L
Alabama		

State	Wholesale	UNE-L
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							

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

State	by Bundle		by Product Type				
	Total	Sold w/ Internet	Sold w/o Internet	Consumer		Bus-Govt	
				& No PIC	& PIC	& No PIC	& PIC
New York							
Ohio							
Oklahoma							
Oregon							
Pennsylvania							
South Carolina							
Tennessee							
Vermont							
Virginia							
Washington	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Wisconsin							
Total							

VGE Lines Provided to End Users by State, Ownership and Last-mile Medium

State	Total	by Ownership			by Last-mile Medium			
		Owned	UNE-L	Resale	FTTP	Coax	Fixed Wireless	Copper
New York								
Ohio								
Oklahoma								
Oregon								
Pennsylvania								
South Carolina								
Tennessee								
Vermont								
Virginia								
Washington	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX		XXXXXX
Wisconsin								
Total								

Fixed Voice Subscription (iVoIP)

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

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