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Section	Question	Response
Filer Information	Provider Name	TDS TELECOMMUNICATIONS LLC
	Holding Company Name	Telephone and Data Systems, Inc.
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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	
Data Contact Information	Data Contact Name	Pam Trickel
	Data Contact Phone Number	(608) 664-7872

Section	Question	Response
	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_deploymentileckurt2.csv	Aug 20, 2018 15:54:53	77699
Fixed Broadband Subscription	ilec_data.csv	Aug 20, 2018 16:10:33	8377
Fixed Voice Subscription	ilec_voice.csv	Aug 20, 2018 11:57:53	1105

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	
		VDSL	
Colorado	TDS TELECOM	ADSL2	
		Asymmetric xDSL	
		Optical Carrier/Fiber to the End User	
		VDSL	
Florida	TDS TELECOM	ADSL2	
		Asymmetric xDSL	

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

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

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

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

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

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
	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				
	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				

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

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

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
Vermont	Symmetric xDSL				
	Asymmetric xDSL				
	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
	Asymmetric xDSL				
Virginia	Optical Carrier/Fiber to the End User				
	Symmetric xDSL				
	Asymmetric xDSL	148	6060	308	6368
Washington	Optical Carrier/Fiber to the End User	7	26	0	26
	Symmetric xDSL	8	0	11	11
	Asymmetric xDSL				
	Optical Carrier/Fiber to the End User				
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
	0.384	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			
	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			

	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	10.000	2.000			
	12.000	12.000			
	15.000	0.768			
	15.000	1.000			
	15.000	1.500			
	15.000	2.000			
	15.000	768.000			
	25.000	1.500			
	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	15.000			
	100.000	40.000			
	100.000	50.000			
	100.000	100.000			
	150.000	40.000			
	150.000	150.000			
	300.000	120.000			
	300.000	300.000			
	600.000	400.000			
	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
	0.384	0.256			
	0.768	0.512			
Asymmetric xDSL	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			
	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	1.500			
	15.000	2.000			
	15.000	768.000			
	25.000	1.500			
	25.000	2.000			
	25.000	5.000			
	50.000	10.000			

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	100.000	15.000			
	100.000	40.000			
	0.768	0.512			
	1.000	0.512			
	1.500	0.512			
	2.000	2.000			
	3.000	0.512			
	4.000	0.512			
	5.000	0.512			
Optical Carrier/Fiber to the End User	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			

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	75.000	30.000			
	100.000	40.000			
	100.000	50.000			
	100.000	100.000			
	150.000	40.000			
	150.000	150.000			
	300.000	120.000			
	300.000	300.000			
	600.000	400.000			
	1000.000	400.000			
	1.500	1.500			
	2.000	2.000			
	3.000	3.000			
Symmetric xDSL	4.000	4.000			
	6.000	6.000			
	12.000	12.000			

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

State	Total VGE Lines	Consumer VGE Lines	Total VoIP Subscriptions	Consumer VoIP Subscriptions
Michigan				
Minnesota				
Mississippi				
New Hampshire				
New York				
Ohio				
Oklahoma				
Oregon				
Pennsylvania				
South Carolina				
Tennessee				
Vermont				
Virginia				
Washington	8007	7133	177	0
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							
California							

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

State	Total	by Ownership				by Last-mile Medium		
		Owned	UNE-L	Resale	FTTP	Coax	Fixed Wireless	Copper
Pennsylvania								
South Carolina								
Tennessee								
Vermont								
Virginia								
Washington	8007	8007	0	0	32	0	0	7975
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			

