

Exogenous Costs  
 Filing Date: 06/17/19  
 Filing Entity: Pine Island Telephone Company  
 Transmittal Number: 7  
 June 17, 2019 Title Title Title

Contribution Factor Embedded in Existing Rates			Contribution Factors for Test Period Rates (if new factors are not available at the time of the filing, enter existing factors).		
Factor	Existing Factor Value (Illustrative)	Source FCC Order	Factor	Existing Factor Value (Illustrative)	Source FCC Order
Reg Fee Factor:	0.03000		Reg Fee Factor:	0.03000	
TRF Factor:	0.03000		TRF Factor:	0.03000	
NANPA Factor:	0.0000400		NANPA Factor:	0.0000400	
					Incremental Fee Per \$ Revenue
					\$0.000000
					\$0.000000
					\$0.000000

Holding Company ID	Holding Company Name	Study Area ID	Study Area Name	Input from 2019 FCC Form 499A				Incremental Exogenous Costs - BDS Non Competitive Services							
				Interstate Surcharge for State or Federal Universal Service Contributions Line 409d Col 1	Interstate Local Private Line and Business Data Services ("Special Access") Line 406d Col 2	Interstate Gross Revenues Line 420d Col 3	Total Gross Revenues Line 420a Col 4	Interstate Surcharge Factor Col 5	Total Special Access Revenues Including Interstate Surcharge Col 6	Total Special Access Portion of Interstate FCC Form 499A Col 7	Revenues from BDS Ex Ante Rate Elements / Total Special Access Revenues (including DSL and ETS) from 2018 Col 8	Reg Fee Col 9	TRF Fee Col 10	NANPA Fee Col 11	Incremental Exogenous Costs for BDS Services (\$) Col 12
Input	Input	Input	Input	Input	Input	Input	Input	Col 1 / (Col 3 - Col 1)	Col 2 X (1 + Col 5)	Col 6 / Col 3	Input	Incremental Regulatory Fee Per \$ Revenue X Col 3 X Col 7 X Col 8	Incremental TRF Fee Per \$ Revenue X Col 3 X Col 7 X Col 8	Incremental NANPA Fee Per \$ Revenue X Col 4 X Col 7 X Col 8	Sum(Col 9 + Col 10 + Col 11)
Blue Earth Communications, Inc.	Blue Earth Communications, Inc.	361454	Pine Island Telephone Company	\$29,322.00	\$0.00	\$185,467.00	\$740,307.00	0.187787	\$0.00	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00

Factor Dev  
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Source	
GDP-PI Q4 2017 108.807	<a href="https://apps.bea.gov/I/Tables/Tables.cfm?reqid=19&amp;step=">https://apps.bea.gov/I/Tables/Tables.cfm?reqid=19&amp;step=</a>
GDP-PI Q4 2018 111.134	Table 1.1.4. Price Indexes for Gross Domestic Product (updated 3/28/19)

				Carriers that did not unfreeze their category relationships enter 1.0000 as the category relationships unfreeze factor in Col 15.				NECA pool members enter settlements and revenue data in Col 16 and Col 17. Other carriers enter 1.0000 for the Net Contributor/Net Recipient Factor in Col 19.									
Holding Company ID	Holding Company Name	Study Area ID	Study Area Name	BDS Costs from Unfrozen 2018 Cost Study	BDS costs from Original (Frozen) 2018 Cost Study	Category Relationships Unfreeze Factor	Interstate Special Access Settlements @10.5% 7/1/18 - 12/31/18	Pooled Special Access Revenues 7/1/18 - 12/31/18	Difference Revenue - Settlements	Net Contributor / Net Recipient Factor	Productivity Factor (X Factor)	Percent Change in GDP-PI (GDP-PI)	Sum of Study Area 2018 Annual Recurring and Non-Recurring Revenues at Adjusted Current Rates (from Study Area Tab) (R)	Incremental Exogenous Costs for BDS Services (Z)	Ratio of the Sum of Annual Revenues Plus Exogenous Cost Changes to Annual Revenues (w)	Jan. 1, 2019 PCI (PCI <sub>1/1/19</sub> )	Study Area Proposed PCI
				Col 13	Col 14	Col 15	Col 16	Col 17	Col 18	Col 19	Col 20	Col 21	Col 22	Col 23	Col 24	Col 25	Col 26
Input	Input	Input	Input	Input	Input	Col 13 / Col 14	Input	Input	Col 17 - Col 16	1 - (Col 18 / Col 17)	FCC 61.45(b)(1)(iv)	(GDP-PI Q4 2018 - GDP-PI Q4 2017) / GDP-PI Q4 2017	Sum Col 31 + Col 33	Col 12	(Col 22 + Col 23) / Col 22	Input	Col 25 X (1 + Col 24 X (Col 21 - Col 20) + Col 23 / Col 22)
Blue Earth Communications, Inc.		361454	Pine Island Telephone	\$0.00	\$0.00	1.0000	\$0.00	\$0.00	\$0.00	1.0000	2.0000%	2.1386%	\$56,205.09	\$0.00	1.000000	100.0000	100.1386

Study Area TRP  
 Filing Date: 06/17/19  
 Filing Entity:  
 Transmittal Number: 7  
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Pine Island Telephone Company

Study Area Code: 361454  
 Study Area Name: Pine Island Telephone Company  
 Category Relationship Unfreeze Factor: 1.0000  
 Net Contributor or Net Recipient Factor: 1.0000  
 Proposed PCI: 100.138649

Line No.	Study Area Dashboard					Annual Recurring Revenue		Annual Non-recurring Revenue		Total Annual Revenue	
	Service Band	Jan. 1, 2019 Service Band Index (SBI <sub>1/1/19</sub> for Service Bands) or Jan. 1, 2019 Actual Price Index (API <sub>1/1/19</sub> for Total Basket)	Proposed Service Band Index (for Service Bands) or Proposed Actual Price Index (for Total Basket)	SBI Upper Limit (for Service Bands) or Proposed PCI (for Total Basket)	Pass if Proposed SBI Less Than or Equal to SBI Limit, or if Proposed API Less Than or Equal To Proposed PCI	At Adjusted Current Rates	At Proposed Rates	At Adjusted Current Rates	At Proposed Rates	At Adjusted Current Rates	At Proposed Rates
	Col 27	Col 28	Col 29	Col 30	Col 31	Col 32	Col 33	Col 34	Col 35	Col 36	
	Input		= SBI <sub>1/1/19</sub> X (Proposed PCI/PCI <sub>1/1/19</sub> ) x 1.05 (for Service Bands) or = Proposed PCI (for Total Basket)	Col 28 Must Be Less Than Or Equal To Col 29 To Pass	Sum of Recurring Charges at Adjusted Current Rates X 12	Sum of Recurring Charges at Proposed Rates X 12	Sum of Non-recurring Charges at Adjusted Current Rates	Sum of Charges at Proposed Rates	Sum(Col 31 + Col 33)	Sum(Col 32 + Col 34)	
1	Voice Grade, WATS, Metallic and Telegraph Special Access Services	100.0000	0.0000	105.1456	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2	Audio and Video Services	100.0000	0.0000	105.1456	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
3	DS1	100.0000	100.0864	105.1456	Pass	\$52,470.38	\$52,516.09	\$416.00	\$416.00	\$52,886.38	
4	DS3	100.0000	0.0000	105.1456	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
5	High Capacity (DS1 and DS3) + DDS	100.0000	100.0876	105.1456	Pass	\$55,789.09	\$55,838.35	\$416.00	\$416.00	\$56,205.09	
6	Wideband Data and Wideband Analog Services	100.0000	0.0000	105.1456	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
7	Total (Lines 1, 2, 5, 6 and Miscellaneous Charges)	100.0000	100.0876	100.1386	Pass	\$55,789.09	\$55,838.35	\$416.00	\$416.00	\$56,254.35	

**Recurring Charges**

Tariff Reference	Tariff Rate Element	Service Category	January 2019 Tariffed Rate (Current Rate)	Adjusted January 2019 Tariffed Rate (Adjusted Current Rate)	Proposed July 2019 Tariff Rate (Proposed Rate)	Percent Rate Change from Adjusted Current Rate to Proposed Rate	Percent Rate Change from Current Rate to Proposed Rate	Average Monthly Demand Over Base Period (Calendar Year 2018)	EXAMPLE TERM DISCOUNT PLAN	EXAMPLE TERM DISCOUNT PLAN	Average Monthly Revenue							
											Col 41	Col 42	Col 43	Col 44	Col 45	Col 46	Col 47	Col 48
											Col 40 / Col 39 - 1	Col 40 / Col 38 - 1	Input	Input	Input	((Col 39 X Col 43) + (Col 39 X Col 44 X Appropriate Discount)) + (Col 39 X Col 45 X Appropriate Discount))	((Col 40 X Col 43) + (Col 40 X Col 44 X Appropriate Discount)) + (Col 40 X Col 45 X Appropriate Discount))	Col 47 - Col 46
	** VOICE GRADE SPECIAL ACCESS SVCS **	VG																
		VG	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
						0.0%	0.0%				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
						0.0%	0.0%				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
						0.0%	0.0%				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	** WATS SPECIAL ACCESS SVCS**	WATS																
		WATS	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
						0.0%	0.0%				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
						0.0%	0.0%				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
						0.0%	0.0%				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

			\$0.00			0.0%	0.0%				\$0.00	\$0.00	\$0.00
	<b>** METALLIC SPECIAL ACCESS SVCS **</b>	<b>METAL</b>											
		METAL	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	0	0	\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
	<b>** TELEGRAPH SPECIAL ACCESS SVCS **</b>	<b>TGR</b>											
		TGR	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	0	0	\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
	<b>** AUDIO AND VIDEO SERVICES **</b>	<b>AV</b>											
		AV	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	0	0	\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
	<b>** DS1 SPECIAL ACCESS SERVICES **</b>	<b>DS1</b>											
	Channel Mileage Facility	DS1	\$16.97	\$16.97	\$16.98	0.1%	0.1%	78.000	0	0	\$1,323.66	\$1,324.44	\$0.78
	Channel Mileage Termination	DS1	\$88.05	\$88.05	\$88.14	0.1%	0.1%	8.667			\$763.13	\$763.91	\$0.78
	Channel Termination	DS1	\$274.30	\$274.30	\$274.57	0.1%	0.1%	8.333			\$2,285.74	\$2,287.99	\$2.25
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
	<b>** DS3 SPECIAL ACCESS SERVICES **</b>	<b>DS3</b>											
		DS3	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	0	0	\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
	<b>** DDS Services **</b>	<b>DDS</b>											
	56K Chennel Mileage	DDS	\$5.72	\$5.72	\$5.73	0.2%	0.2%	6.760	0	0	\$38.67	\$38.73	\$0.07
	56K Channel Mileage Termination	DDS	\$57.47	\$57.47	\$57.52	0.1%	0.1%	1.420	0	0	\$81.61	\$81.68	\$0.07
	56K Channel Termination	DDS	\$110.06	\$110.06	\$110.17	0.1%	0.1%	1.420	0	0	\$156.29	\$156.44	\$0.16
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
	<b>** WIDE BAND DATA AND WIDE BAND ANALOG SVCS **</b>	<b>WIDE</b>											
		WIDE	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	0	0	\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
	<b>** MISCELLANEOUS CHARGES **</b> (Access ordering, additional labor, etc.)	<b>MISC</b>											
		MISC	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	0	0	\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00
				\$0.00		0.0%	0.0%				\$0.00	\$0.00	\$0.00

**Non-recurring Charges**

Tariff Reference	Tariff Rate Element	Service Category Col 49	January 2019 Tariffed Rate (Current Rate) Col 50	Adjusted January 2019 Tariffed Rate (Adjusted Current Rate) Col 51	Proposed July 2019 Tariff Rate (Proposed Rate) Col 52	Percent Rate Change from Adjusted Current Rate to Proposed Rate Col 53	Percent Rate Change from Current Rate to Proposed Rate Col 54	Cumulative Demand Over Base Period (Calendar Year 2018) Col 55	Annual Revenues			
									At Adjusted Current Rate Col 56	At Proposed Rate Col 57	Difference Proposed - Adjusted Current Col 58	
Input	Input	Input	Input	Col 50 X Category Relationship Unfreeze Factor X Net Contributor or Net Recipient Factor	Input	(Col 52 / Col 51) - 1	(Col 52 / Col 50) - 1	Input	Col 51 X Col 55	Col 52 X Col 55	Col 57 - Col 56	
	<b>** VOICE GRADE SPECIAL ACCESS SVCS **</b>	<b>VG</b>										
		VG	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	\$0.00	\$0.00	\$0.00	
				\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00	
				\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00	
				\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00	
				\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00	
	<b>** WATS SPECIAL ACCESS SVCS**</b>	<b>WATS</b>										
		WATS	\$0.00	\$0.00	\$0.00	0.0%	0.0%	0	\$0.00	\$0.00	\$0.00	

			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
	<b>** METALLIC SPECIAL ACCESS SVCS**</b>	<b>METAL</b>								
		METAL	\$0.00	\$0.00	0.0%	0.0%	0	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
	<b>** TELEGRAPH SPECIAL ACCESS SVCS **</b>	<b>TGR</b>								
		TGR	\$0.00	\$0.00	0.0%	0.0%	0	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
	<b>** AUDIO AND VIDEO SERVICES **</b>	<b>AV</b>								
		AV	\$0.00	\$0.00	0.0%	0.0%	0	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
	<b>** DS1 SPECIAL ACCESS SERVICES **</b>	<b>DS1</b>								
	Access Order Charge	DS1	\$86.00	\$86.00	0.0%	0.0%	1	\$86.00	\$86.00	\$0.00
	Installation per Channel Termination	DS1	\$330.00	\$330.00	0.0%	0.0%	1	\$330.00	\$330.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
	<b>** DS3 SPECIAL ACCESS SERVICES **</b>	<b>DS3</b>								
		DS3	\$0.00	\$0.00	0.0%	0.0%	0	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
	<b>** DDS Services **</b>	<b>DDS</b>								
		DDS	\$0.00	\$0.00	0.0%	0.0%	0	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
	<b>** WIDE BAND DATA AND WIDE BAND ANALOG SVCS **</b>	<b>WIDE</b>								
		WIDE	\$0.00	\$0.00	0.0%	0.0%	0	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
	<b>** MISCELLANEOUS CHARGES **</b> (Access ordering, additional labor, etc.)	<b>MISC</b>								
		MISC	\$0.00	\$0.00	0.0%	0.0%	0	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	0.0%	0.0%		\$0.00	\$0.00	\$0.00