

Exogenous Costs
Filing Date: 06/17/19
Filing Entity: Pine Island Telephone Company
Transmittal Number: 7
June 17, 2019 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)	Incremental Fee Per \$ Revenue
Reg Fee Factor:	0.00300		Reg Fee Factor:	0.00300	\$0.000000
TRS Factor:	0.03000		TRS Factor:	0.03000	\$0.000000
NANPA Factor:	0.0000400		NANPA Factor:	0.0000400	\$0.000000

				Input from 2019 FCC Form 499A								Incremental Exogenous Costs - BDS Non Competitive Services			
Holding Company ID	Holding Company Name	Study Area ID	Study Area Name	Interstate Surcharge for State or Federal Universal Service Contributions Line 403d Col 1	Interstate Local Private Line ("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 ET5) from 2018 Col 8	Reg Fee Col 9	TRS Fee Col 10	NANPA Fee Col 11	Incremental Exogenous (Costs for BDS Services (Z)) 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 TRS 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) 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	https://apps.bea.gov/iTable/iTable.cfm?reqid=19&step=
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 _{1/1/19})	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
June 17, 2019 Title Title

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 _{1/1/19} for Service Bands) or Jan. 1, 2019 Actual Price Index (API _{1/1/19} 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		(Col 36 / Col 35) X Col 27	= SBI _{1/1/19} X (Proposed PCI/PCI _{1/1/19}) 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	\$0.00
2	Audio and Video Services	100.0000	0.0000	105.1456	Pass	\$0.00	\$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	\$52,932.09
4	DS3	100.0000	0.0000	105.1456	Pass	\$0.00	\$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	\$56,254.35
6	Wideband Data and Wideband Analog Services	100.0000	0.0000	105.1456	Pass	\$0.00	\$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	\$56,205.09	\$56,254.35

Recurring Charges

											Average Monthly Revenue		
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 Average Monthly Demand Over Base Period (Calendar Year 2018) In a 5-YR Term Plan Demand (20% Discount)	EXAMPLE TERM DISCOUNT PLAN Average Monthly Demand Over Base Period (Calendar Year 2018) In a 3-YR Term Plan Demand (10% Discount)	At Adjusted Current Rate	At Proposed Rate	Difference Proposed - Adjusted Current
		Col 37	Col 38	Col 39	Col 40	Col 41	Col 42	Col 43	Col 44	Col 45	Col 46	Col 47	Col 48
Input	Input	Input	Input	Col 38 X Category Relationship Unfreeze Factor X Net Contributor or Net Recipient Factor	Input	(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		0.0%	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
	** 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		0.0%	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
	** METALLIC SPECIAL ACCESS SVCS **	METAL											
		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
	** TELEGRAPH SPECIAL ACCESS SVCS **	TGR											
		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
	** AUDIO AND VIDEO SERVICES **	AV											
		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
	** DS1 SPECIAL ACCESS SERVICES **	DS1											
	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
	** DS3 SPECIAL ACCESS SERVICES **	DS3											
		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
	** DDS Services **	DDS											
	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 Mielage 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
	** WIDEBAND DATA AND WIDEBAND ANALOG SVCS **	WIDE											
		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
	** MISCELLANEOUS CHARGES ** (Access ordering, additional labor, etc.)	MISC											
		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 Col 51	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
	** VOICE GRADE SPECIAL ACCESS SVCS **	VG									
		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
	** WATS SPECIAL ACCESS SVCS**	WATS									
		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
	** METALLIC SPECIAL ACCESS SVCS**	METAL									
		METAL	\$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
	** TELEGRAPH SPECIAL ACCESS SVCS **	TGR									
		TGR	\$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
	** AUDIO AND VIDEO SERVICES **	AV									
		AV	\$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
	** DS1 SPECIAL ACCESS SERVICES **	DS1									
	Access Order Charge	DS1	\$86.00	\$86.00	\$86.00	0.0%	0.0%	1	\$86.00	\$86.00	\$0.00
	Installation per Channel Termination	DS1	\$330.00	\$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
	** DS3 SPECIAL ACCESS SERVICES **	DS3									
		DS3	\$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
	** DDS Services **	DDS									
		DDS	\$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
	** WIDE BAND DATA AND WIDE BAND ANALOG SVCS **	WIDE									
		WIDE	\$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
	** MISCELLANEOUS CHARGES ** (Access ordering, additional labor, etc.)	MISC									
		MISC	\$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