

Exogenous Costs
Filing Date: 6/17/2024
Filing Entity: Indianhead Telephone Company
Transmittal Number: 12

Contribution Factors Embedded in Current Rates			2024 Contribution Factors, if published, otherwise use contribution factors embedded in current rates		
Factor	Existing Factor Value	Source FCC Order	Factor	Existing Factor Value	Source FCC Order
Reg Fee Factor:	0.005400	PCC23-66	Reg Fee Factor:	0.005400	FCC23-66
NA/NPA Factor:	0.0001047	DA 23-675	NA/NPA Factor:	0.0001047	DA 23-675
Other CTS TRS Factor:	0.000250	DA 23-577	Other CTS TRS Factor:	0.000250	DA 23-577
IP-CTS TRS Factor:	0.016150	DA 23-577	IP-CTS TRS Factor:	0.016150	DA 23-577

Input from 2024 FCC Form 499A													Input from 2024 FCC Form 159-W (If FCC Form 159-W is unavailable, calculate using lines from 2024 FCC Form 499-A and input the result below)		
Holding Company ID	Holding Company Name	Study Area ID	Study Area Name	End User Interstate Surcharge for State or Federal Universal Service Contributions Line 403d	End User Interstate Local Private Line and Business Data Services ("Special Access") Line 406d	End User International Calls Originating and Terminating at Foreign Ports Line 412a*	End User Total Gross Revenues Line 420a	End User Interstate Gross Revenues Line 420d	End User International Revenues in Gross USC Base Line 420e	End User Revenues from Resellers Not Contributing to USC Line 511a	TRS IP CTS Contribution Base Revenues Line 514a	TRS Other Contribution Base Revenues Line 514b	Reg Fee Base Revenue Exclusions Input from form 159-W Line 13 Or The sum of form 499-A Line 409d + Line 409e + Line 410d + Line 410e + Line 416d + Line 416e + Line 511b + (Surcharges on mobile and satellite services identified as recovering universal service contributions and included in Line 403d or 403e). Round to the nearest dollar.	End User Interstate Surcharge Factor	End User Total Special Access Revenues Including Interstate Surcharge
Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14	Col 15	Col 16
Input	Input	Input	Input	Input	Input	Input	Input	Input	Input	Input	Input	Input	Input	Col 1 / (Col 5 - Col 1)	Col 2 x (1 + Col 1)
Blue Earth Communications, Inc.	Blue Earth Communications, Inc.	330936	Indianhead Telephone Company	\$26,382.00	\$3.00	\$0.00	\$439,147.00	\$110,629.00	\$0.00	\$0.00	\$439,147.00	\$110,629.00	\$0.00	0.311151	\$3.94

		Exogenous Costs Using 2023 Contribution Factors - BDS Non Competitive Services								Exogenous Costs Using 2024 Contribution Factors (if available) - BDS Non Competitive Services									
End User Total Special Access Portion of End User Interstate Gross Revenues on FCC Form 499A Col 13	End User Revenues from BDS Ex Ante Rate Elements / End User Total Special Access Revenues (including DSL and ETS) from 2023** Col 14	Was your study area required to pay Regulatory Fees in 2023? Col 15	Reg Fee Col 16	IP TRS Fee Col 17	Other TRS Fee Col 18	Total TRS Fee Col 19	NANPA Col 20	Sum 2023 Exog Costs Col 21	BDS Portion of 2023 Exogenous Costs Col 22	Is your study area required to pay Regulatory Fees in 2024? Col 23	Reg Fee Col 24	IP TRS Fee Col 25	Other TRS Fee Col 26	Total TRS Fee Col 27	NANPA Col 28	Sum 2024 Exog Costs Col 29	BDS Portion of 2024 Exogenous Costs Col 30	BDS Portion of Gross Up Increment for TRS Col 31	Incremental Exogenous Costs for BDS Services (2) Col 32
Col 12 / Col 5 0.000036	Input 300.000000	Input (Enter 1 from the drop down if study area is required to pay Reg Fees, enter 0 if exempt) 1	(Col 3 + Col 5 + Col 6 - Col 10) x 2023 Reg Fee Factor. If EC is exempt or result is less than \$1,000, Reg Fee = \$0 \$0.00	Col 8 x 2023 IP TRS Factor \$7,092.22	Col 9 x 2023 TRS Factor \$27.66	If Col 4 greater than \$0, maximum value of sum of Col 17 + Col 18, and \$25. If Col 4 = \$0, Total TRS Fee = \$0 \$7,119.88	Maximum value of (Col 4 + Col 3 - Col 7) x 2023 NANPA Factor and \$25 \$45.98	Col 16 + Col 19 + Col 20 \$7,165.86	Col 21 x Col 23 x Col 14 \$25.80	Input (Enter 1 from the drop down if study area is required to pay Reg Fees, enter 0 if exempt) 1	(Col 3 + Col 5 + Col 6 - Col 10) x 2024 Reg Fee Factor. If EC is exempt or result is less than \$1,000, Reg Fee = \$0 \$0.00	Col 8 x 2024 IP TRS Factor \$7,092.22	Col 9 x 2024 Other TRS Factor \$27.66	If Col 4 greater than \$0, maximum value of sum of Col 25 + Col 26, and \$25 \$7,119.88	Maximum value of (Col 4 + Col 3 - Col 7) x 2024 NANPA Factor and \$25 \$45.98	Col 24 + Col 27 + Col 28 \$7,165.86	Col 29 x Col 13 x Col 14 \$25.80	(3/7) x (Col 27 - Col 19) + Col 13 x Col 14 for Mid-course filing, \$0 for annual filing \$0.00	Col 30 + Col 31 - Col 22 \$0.00

Factor Dev
Filing Date: 6/17/2024
Filing Entity: Indianhead Telephone Company
Transmittal Number: 12

		Source	
GDP-PI Q4 2022	120.115	https://apps.bea.gov/Table/?reqid=19&step=2&isuri=1&categories=survey	
GDP-PI Q4 2023	123.289	Table 1.1.4. Price Index for Gross Domestic Product as of 3/28/24.	

Holding Company ID	Holding Company Name	Study Area ID	Study Area Name	Productivity Factor (X Factor)	Percent Change in GDP-PI (GDP-PI)	Sum of Study Area 2023 Annual Recurring and Non-Recurring Revenues at Last PCI Update (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)	Study Area Current PCI	Study Area Proposed PCI Prior to Removing Gross Up	Date of Last PCI Update	Total BDS Revenue Under Incentive Regulation from Mid-Course Filing	Study Area PCI at Last Annual BDS Filing	TRS Gross Up Amount from Mid-Course Filing	TRS Gross Up Removal Factor	Study Area Proposed PCI	Date of Current Rate	Date of Proposed Rate
				Col 33	Col 34	Col 35	Col 36	Col 37	Col 38	Col 39	Col 40	Col 41	Col 42	Col 43	Col 44	Col 45	Col 47	Col 48
Input	Input	Input	Input	FCC 61.45(b)(1)(iv)	(GDP-PI Q4 2023 - GDP-PI Q4 2022) / GDP-PI Q4 2022	(Col 33 + Col 36)	Col 32	(Col 35 + Col 36) / Col 35	Input PCI from last BDS Filing	Col 38 x (1 + Col 37 x (Col 34 - Col 33) + Col 36 / Col 35)	Input (Select July 1, 2023 or October 3, 2023 from the drop down menu)	Input Total BDS Revenue (R) from BDS mid-course filing (NA if last BDS filing was effective July 1, 2023)	Input Enter proposed PCI from BDS annual filing (NA if last BDS filing was effective July 1, 2023)	Input Amount from BDS mid-course filing (NA if last BDS filing was effective July 1, 2023)	1 - ((Col 42 / Col 38) x (Col 43 / Col 41)) (1.000 if last BDS filing was effective July 1, 2023)	Col 39 x Col 44	Input (Last date that current rates will be effective)	Input (Date that new rates will become effective)
Blue Earth Commun	Blue Earth Commun	361399	Indianhead Telephone Com	2.0000%	2.6425%	\$86,693.64	\$0.00	1.000%	100.6425	100.6425	October 3, 2023	N/A	N/A	N/A	1.000000	100.642504	July 1, 2024	July 2, 2024

330936 TRP
Filing Date: 6/17/2024
Filing Entity: Indianhead Telephone Company
Transmittal Number: 12

Study Area Code: 361399
Study Area Name: Indianhead Telephone Company
Study Area Proposed PCI: 100.6425
Study Area Current PCI: 100.6425
Year incentive Regulation for Business Data Services Took Effect (input)

Study Area Dashboard						Annual Recurring Revenue				Annual Non-recurring Revenue				Total Annual Revenue	
Line No.	Service Band	Current Service Band Index (SBI) or Actual Price Index (API) from October 3, 2023 TRP	Proposed SBI or Proposed API	Proposed SBI Upper Limit or Proposed PCI	Pass if Proposed SBI Less Than or Equal to SBI Limit, or if Proposed API Less Than or Equal To Proposed PCI	At Last PCI Update (October 3, 2023)	At Current Rate (July 1, 2024)	At Proposed Rate (July 2, 2024)	At Last PCI Update (October 3, 2023)	At Current Rate (July 1, 2024)	At Proposed Rate (July 2, 2024)	At Last PCI Update (October 3, 2023)	At Current Rate (July 1, 2024)	At Proposed Rate (July 2, 2024)	
															Col 49
							</								

Recurring Charges													
Tariff Reference	Tariff Rate Element	Service Category Col 62	Rate at Last PCI Update (October 3, 2023) Col 63	Current Rate (July 1, 2024) Col 64	Proposed Rate (July 2, 2024) Col 65	Percent Rate Change from Current Rate to Proposed Rate Col 66	Average Monthly Demand Over Base Period (Calendar Year 2023) Col 67	EXAMPLE TERM DISCOUNT PLAN Average Monthly Demand Over Base Period (Calendar Year 2023) In a 5-YR Term Plan Demand (20% Discount) Col 68	EXAMPLE TERM DISCOUNT PLAN Average Monthly Demand Over Base Period (Calendar Year 2023) In a 3-YR Term Plan Demand (10% Discount) Col 69	Average Monthly Revenue			
										At Last PCI Update (October 3, 2023) Col 70	At Current Rate (July 1, 2024) Col 71	At Proposed Rate (July 2, 2024) Col 72	Difference Proposed - Current Col 73
Input	Input	Input	Input	Input	Input	Col 65 / Col 64 - 1	Input	Input	Input	[(Col 63 x Col 67) + (Col 63 x Col 68 x Appropriate Discount) + (Col 69 x Col 69 x Appropriate Discount)] Col 70	[(Col 64 x Col 67) + (Col 64 x Col 68 x Appropriate Discount) + (Col 69 x Col 69 x Appropriate Discount)] Col 71	[(Col 65 x Col 67) + (Col 65 x Col 68 x Appropriate Discount) + (Col 69 x Col 69 x Appropriate Discount)] Col 72	Col 72 - Col 71
Example	SDR Channel Mileage Facility	VG	\$14.43	\$14.43	\$14.52	0.6%	14.43	0.00	0.00	\$208.22	\$208.22	\$209.52	\$1.30
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
Example	Example WATS Special Access Svc	WATS	\$0.00	\$0.00	\$0.00	0.0%	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
Example	Example Metallic Special Access Svc	METAL	\$0.00	\$0.00	\$0.00	0.0%	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
Example	Example Telegraph Special Access Svc	TGR	\$0.00	\$0.00	\$0.00	0.0%	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
Example	Example Audio and Video Services	AV	\$0.00	\$0.00	\$0.00	0.0%	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
Example	Channel Mileage Facility	DS1	\$57.48	\$57.48	\$57.85	0.6%	74.19	0.00	0.00	\$4,264.44	\$4,264.44	\$4,301.89	\$37.45
	Channel Mileage Termination	DS1	\$288.11	\$288.11	\$300.03	0.6%	3.00	0.00	0.00	\$894.33	\$894.33	\$950.09	\$55.76
	Channel Termination	DS1	\$928.74	\$928.74	\$934.71	0.6%	2.00	0.00	0.00	\$1,857.48	\$1,857.48	\$1,869.42	\$11.94
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
Example	Example DS3 Special Access Services	DS3	\$0.00	\$0.00	\$0.00	0.0%	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
Example	Example DDS Services	DDS	\$0.00	\$0.00	\$0.00	0.0%	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
						0.0%				\$0.00	\$0.00	\$0.00	\$0.00
Example	Example Wideband Data and Wideband Analog Services	WIDE	\$0.00	\$0.00	\$0.00	0.0%	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00

[illegible]

										Annual Revenues			
Tariff Reference	Tariff Rate Element	Service Category Col 74	Rate at Last PCI Update (October 3, 2023) Col 75	Current Rate (July 1, 2024) Col 76	Proposed Rate (July 2, 2024) Col 77	Percent Rate Change from Current Rate to Proposed Rate Col 78	Cumulative Demand Over Base Period (Calendar Year 2023) Col 79	At Last PCI Update Col 80	At Current Rate Col 81	At Proposed Rate Col 82	Difference Proposed - Current Col 83		
Input	Input	Input	Input	Input	Input	[Col 77 / Col 76] - 1	Input	Col 75 x Col 79	Col 76 x Col 79	Col 77 x Col 79	Col 82 - Col 81		
** VOICE GRADE SPECIAL ACCESS SVCS **													
Example	Example Voice Grade Special Access Svcs	VG	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
** WATS SPECIAL ACCESS SVCS**													
Example	Example WATS Special Access Svcs	WATS	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
** METALLIC SPECIAL ACCESS SVCS**													
Example	Example Metallic Special Access Svcs	METAL	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
** TELEGRAPH SPECIAL ACCESS SVCS **													
Example	Example Telegraph Special Access Svcs	TGR	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
** AUDIO AND VIDEO SERVICES **													
Example	Example Audio and Video Services	AV	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
** DS1 SPECIAL ACCESS SERVICES **													
Example	Example DS1 Special Access Services	DS1	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
** DS3 SPECIAL ACCESS SERVICES **													
Example	Example DS3 Special Access Services	DS3	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
** DDS Services **													
Example	Example DDS Services	DDS	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
** WIDEBAND DATA AND WIDEBAND ANALOG SVCS **													
Example	Example Wideband Data and Wideband Analog Svcs	WIDE	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
** MISCELLANEOUS CHARGES ** (Access ordering, additional labor, etc.)													
Example	Example Miscellaneous Charges	MISC	\$0.00	\$0.00	\$0.00	0.0%	0.00	\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		
						0.0%		\$0.00	\$0.00	\$0.00	\$0.00		