

Exogenous Costs
 Filing Date: 6/16/2023
 Filing Entity: Granada Telephone Company
 Transmittal Number: 11

Contribution Factors Embedded in Current Rates			2023 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:	0.004520	FCC 22-68	Reg Fee Factor:	0.005400	FCC 23-66
NANPA Factor:	0.0000853	DA 22-833	NANPA Factor:	0.0001047	DA 23-675
Other CTS TRS Factor:	0.011250	DA 22-699	Other CTS TRS Factor:	0.000250	DA 23-577
IP-CTS TRS Factor:	0.006530	DA 22-699	IP-CTS TRS Factor:	0.016150	DA 23-577

Holding Company ID	Holding Company Name	Study Area ID	Study Area Name	Input from 2023 FCC Form 499A									Input from 2023 FCC Form 159-W (If FCC Form 159-W is unavailable, calculate using lines from 2023 FCC Form 499-A and input the result below)		
				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
Input	Input	Input	Input	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12
Blue Earth Communications, Inc.	Blue Earth Communications, Inc.	361399	Granada Telephone Company	\$0.00	\$0.00	\$0.00	\$34,511.00	\$7,002.00	\$0.00	\$0.00	\$34,511.00	\$7,002.00	\$0.00	0.000000	\$0.00

*Line 412a is equivalent to Line 412e on form 499-A
 ** If the percentage of BDS revenues in column 14 equals 0, inputs to columns 1 through 13 are not required.

Exogenous Costs Using 2022 Contribution Factors - BDS Non Competitive Services										Exogenous Costs Using 2023 Contribution Factors (if available) - BDS Non Competitive Services									
End User Total Special Access Portion of End User Interstate Gross Revenues on FCC Form 499A	End User Revenues from BDS Ex Ante Rate Elements / End User Total Special Access Revenues (including DSL and ETS) from 2022**	Was your study area required to pay Regulatory Fees in 2022?	Reg Fee	IP TRS Fee	Other TRS Fee	Total TRS Fee	NANPA	Sum 2022 Exog Costs	BDS Portion of 2022 Exogenous Costs	Is your study area required to pay Regulatory Fees in 2023?	Reg Fee	IP TRS Fee	Other TRS Fee	Total TRS Fee	NANPA	Sum 2023 Exog Costs	BDS Portion of 2023 Exogenous Costs	BDS Portion of Gross Up Increment for TRS	Incremental Exogenous Costs for BDS Services (2)
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	Col 27	Col 28	Col 29	Col 30	Col 31	Col 32
0.000000	100.000000	1	\$0.00	\$225.36	\$78.77	\$304.13	\$25.00	\$329.13	\$0.00	1	\$0.00	\$557.35	\$1.75	\$559.10	\$25.00	\$584.10	\$0.00	\$0.00	\$0.00
Col 12 / Col 5	Input	Input (Enter 1 from the drop down if study area is required to pay Reg Fees, enter 0 if exempt)	(Col 3 + Col 5 + Col 6 - Col 10) x 2022 Reg Fee Factor. If EC is exempt or result is less than \$1,000, Reg Fee = \$0	Col 8 x 2022 IP TRS Factor	Col 9 x 2022 TRS Factor	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	Maximum value of (Col 4 + Col 3 - Col 7) x 2022 NANPA Factor and \$25	Col 16 + Col 19 + Col 20	Col 21 x Col 13 x Col 14	Input (Enter 1 from the drop down if study area is required to pay Reg Fees, enter 0 if exempt)	(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	Col 8 x 2023 IP TRS Factor	Col 9 x 2023 Other TRS Factor	If Col 4 greater than \$0, maximum value of sum of Col 25 + Col 26, and \$25	Maximum value of (Col 4 + Col 3 - Col 7) x 2023 NANPA Factor and \$25	Col 24 + Col 27 + Col 28	Col 29 x Col 13 x Col 14	(3/9) x (Col 27 - Col 19) x Col 13 x Col 14 for Mid course filing, \$0 for annual filing	Col 30 + Col 31 - Col 22

Factor Dev
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Source	
GDP-PI Q4 2021 121.331	https://apps.bea.gov/iTable/?reqid=19&step=2&isuri=1&categories=survey
GDP-PI Q4 2022 129.502	Table 1.1.4. Price Index for Gross Domestic Product as of 3/25/22.
	Table 1.1.4. Price Index for Gross Domestic Product as of 3/31/23.

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 2022 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 2022 - GDP-PI Q4 2021) / GDP-PI Q4 2021	(Col 53 + Col 56)	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, 2022 or October 1, 2022 from the drop down menu)	Input Total BDS Revenue (R) from BDS mid-course filing or "NA" if last BDS filing was effective July 1, 2022)	Input proposed PCI from BDS annual filing or "NA" if last BDS filing was effective July 1, 2022)	Input amount from BDS mid-course filing or "NA" if last BDS filing was effective July 1, 2022)	1 - ((Col 42 / Col 38) x (Col 43 / Col 41)) (1.000 if last BDS filing was effective July 1, 2022)	Col 39 x Col 44	Input (Last date that current rates will be effective)	Input (Date that new rates will become effective)
Blue Earth Communi	Granada Telephone C	361399	Granada Telephone Compai	2.0000%	6.7345%	\$0.00	\$0.00	1.0000	102.9053	102.9053	October 1, 2022	NA	NA	NA	1.000000	102.905300	June 30, 2023	July 1, 2023

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 1, 2022 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 1, 2022)	At Current Rate (June 30, 2023)	At Proposed Rate (July 1, 2023)	At Last PCI Update (October 1, 2022)	At Current Rate (June 30, 2023)	At Proposed Rate (July 1, 2023)	At Last PCI Update (October 1, 2022)	At Current Rate (June 30, 2023)	At Proposed Rate (July 1, 2023)
Line No.	Input	(Col 61 / Col 60) x Col 49	Col 50	Col 51	Col 52	Sum of Recurring Charges at Rates at Last PCI Update x 12	Sum of Recurring Charges at Current Rates x 12	Sum of Recurring Charges at Proposed Rates x 12	Sum of Non-recurring Charges at Rates at Last PCI Update	Sum of Non-recurring Charges at Current Rates	Sum of Non-recurring Charges at Proposed Rates	Sum (Col 53 + Col 56)	Sum (Col 54 + Col 57)	Sum (Col 55 + Col 58)
1	Voice Grade, WATS, Metallic and Telegraph Special Access Services	0.0000	N/A	Pass	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	Audio and Video Services	0.0000	N/A	Pass	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	DS1	0.0000	N/A	Pass	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	DS3	0.0000	N/A	Pass	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	High Capacity (DS1 and DS3) + DS5	0.0000	N/A	Pass	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	Wideband Data and Wideband Analog Services	0.0000	N/A	Pass	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	Total (Lines 1, 2, 3, 4, 5, 6 and Miscellaneous Charges)	0.0000	102-9053	Pass	Pass	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Recurring Charges

Tariff Reference	Tariff Rate Element	Service Category	Rate at Last PCI Update (October 1, 2022)	Current Rate (June 30, 2023)	Proposed Rate (July 1, 2023)	Percent Rate Change From Current Rate to Proposed Rate	Average Monthly Demand Over Base Period (Calendar Year 2022)	Average Monthly Demand Over Base Period (Calendar Year 2022) in a 5-YR Term Plan Demand (20% Discount)	Average Monthly Demand Over Base Period (Calendar Year 2022) in a 3-YR Term Plan Demand (10% Discount)	Average Monthly Revenue			
										At Last PCI Update (October 1, 2022)	At Current Rate (June 30, 2023)	At Current Rate (July 1, 2023)	Difference Proposed - Current
Input	Input	Input	Input	Input	Input	(Col 65 / Col 64) x 1	Input	Input	Input	[(Col 63 x Col 67) + (Col 63 x Col 68 x Appropriate Discount) + (Col 63 x Col 69 x Appropriate Discount)]	[(Col 64 x Col 67) + (Col 64 x Col 68 x Appropriate Discount) + (Col 64 x Col 69 x Appropriate Discount)]	[(Col 65 x Col 67) + (Col 65 x Col 68 x Appropriate Discount) + (Col 65 x Col 69 x Appropriate Discount)]	Col 72 - Col 71
	** VOICE GRADE SPECIAL ACCESS SVCS **	VG											
Example	Example Voice Grade Special Access Svc	VG				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**	WATS											
Example	Example WATS Special Access Svc	WATS				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**	METAL											
Example	Example Metallic Special Access Svc	METAL				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 **	TGR											
Example	Example Telegraph Special Access Svc	TGR				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 **	AV											
Example	Example Audio and Video Services	AV				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 **	DS1											
Example	Example DS1 Special Access Services	DS1				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

