Request:

Referring to Schedule MAL-11-ELEC, Page 6, please provide forecasted ISR capital spending, and non-ISR capital spending by function for the two months ending August 31, 2017 and the twelve months ending August 31, 2018 and 2019.

Response:

Please see Attachment DIV 20-1 for the requested information. The forecasted ISR investment of \$74,843,000 for the twelve months ending August 31, 2018 and August 31, 2019 is the same amount forecasted in the Company's PUC approved Fiscal Year (FY) 2018 Electric ISR Plan. The forecasted ISR investment for the two months ending August 31, 2017 equals 2/12ths of the sum of actual ISR-eligible capital investment for the three months ended June 30, 2017, and 9 months of the FY 2018 Electric ISR Plan forecast.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Attachment DIV 20-1 Page 1 of 1

	2 Months Ending Aug-17	12 Months Ending Aug-18	12 Months Ending Aug-19
ISR			
Customer Request/Public Requirement	\$3,367,000	\$20,202,000	\$20,202,000
Damage/Failure	\$2,088,167	\$12,529,000	\$12,529,000
Subtotal Non-Discretionary	\$5,455,167	\$32,731,000	\$32,731,000
Asset Condition	\$3,699,833	\$22,199,000	\$22,199,000
Non-Infrastructure	\$0	\$0	\$0
System Capacity & Performance	\$3,318,833	\$19,913,000	\$19,913,000
Subtotal Discretionary	\$7,018,667	\$42,112,000	\$42,112,000
Total - ISR	\$12,473,833	\$74,843,000	\$74,843,000
Facilities	\$0	\$0	\$2,645,000
IS	\$0	\$35,000	\$53,000
Total - Non ISR	\$0	\$35,000	\$2,698,000
Total Distribution and General	\$12,473,833	\$74,878,000	\$77,541,000

Request:

Referring to Schedule MAL-11-ELEC, Page 6, please provide the actual ISR capital spending, and non-ISR capital spending by function for 2016 and 2017.

Response:

Please see Attachment DIV 20-2 for the requested information.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Attachment DIV 20-2 Page 1 of 1

	FY16	FY17
ISR		
Customer Request/Public Requirement	\$19,593,559	\$14,958,652
Damage/Failure	\$16,370,879	\$13,635,023
Subtotal Non-Discretionary	\$35,964,438	\$28,593,675
Asset Condition	\$18,532,553	\$18,725,716
Non-Infrastructure	\$110,598	\$0
System Capacity & Performance	\$16,845,313	\$28,169,947
Subtotal Discretionary	\$35,488,464	\$46,895,663
Total - ISR	\$71,452,902	\$75,489,338
Facilities	\$6,462,000	\$4,220,000
IS	\$0	\$46,000
Total - Non ISR	\$6,462,000	\$4,266,000
Total Distribution and General	\$77,914,902	\$79,755,338

Request:

Referring to Schedule MAL-GAS, Page 4, please provide forecasted ISR capital spending, and non-ISR capital spending by function for the two months ending August 31, 2017 and the twelve months ending August 31, 2018 and 2019.

Response:

Please refer to Attachment DIV 20-3 for the requested information. The forecasted ISR investment amounts on Attachment DIV 20-3 reconcile to the Company's PUC approved Fiscal Year (FY) 2018 Gas ISR Plan as follows:

Two months ending August 31, 2017—Line 1, Page 5 of Schedule MAL-11-Gas provides a total FY 2018 projected ISR investment of \$21,037,000 of actual ISR investment for the 3 months ended June 30, 2017, plus a projection of ISR investment for the nine months ended March 31, 2018 of \$72,140,000, the sum of which equals the \$93,177,000 of ISR capital investment reflected in the Company's PUC approved FY 2018 Gas ISR Plan. The \$16,031,111 of forecasted ISR investment for the two months ending August 31, 2017 equals 2/9ths of \$72,140,000.

Twelve months ended August 31, 2018—The forecasted ISR investment for the twelve months ending August 31, 2018 equals 7/9ths of the \$72,140,000 described above, plus 5/12ths of the \$93,177,000 of capital investment reflected in the approved FY 2018 Gas ISR Plan.

Twelve months ended August 31, 2019--The forecasted ISR investment for the twelve months ending August 31, 2019 of \$93,177,000 is the same amount forecasted in the approved FY 2018 Gas ISR Plan.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Attachment DIV 20-3 Page 1 of 1

	2 Months Ending Aug-17	12 Months Ending Aug-18	12 Months Ending Aug-19
ISR			
Public Works Program	\$2,086,099	\$12,181,948	\$11,713,445
Mandated Program	\$2,581,594	\$15,869,400	\$16,401,172
Damage Failure	\$55,556	\$298,611	\$250,000
Cumberland LNG	(\$16,444)	(\$57,556)	\$0
Proactive Main Replacement	\$9,292,314	\$54,724,940	\$53,284,415
Proactive Service Replacement	\$182,478	\$981,235	\$822,150
Reliability Program	\$1,849,515	\$10,934,060	\$10,705,818
Total - ISR	\$16,031,111	\$94,932,638	\$93,177,000
Gas Expansion	\$111,111	\$388,889	\$0
Growth	\$3,737,532	\$25,691,124	\$24,014,376
Facilities	\$0	\$0	\$1,070,000
IS	\$33,111	\$115,889	\$278,000
Total - Non- ISR	\$3,881,755	\$26,195,901	\$25,362,376
Total Distribution and General	\$19,912,866	\$121,128,540	\$118,539,376
	(1)	(2)	(3)

Column Notes

1) Ties to MAL-11-GAS page 3 of 23 line 4

2) Ties to MAL-11-GAS page 3 of 23 line 11

3) Ties to MAL-11-GAS page 3 of 23 line 35

Request:

Referring to Schedule MAL-11-GAS, Page 4, please provide the actual ISR capital spending, and non-ISR capital spending by function for 2016 and 2017.

Response:

Please refer to Attachment DIV 20-4 for the requested information.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Attachment DIV 20-4 Page 1 of 1

FY 2016 & FY 2017 Actual Spending

FY 2016	FY 2017

ISR		
Public Works Program	7,732,000	8,597,000
Mandated Program	16,861,000	16,370,000
Damage Failure/Special Projects	1,188,000	2,700,000
Cumberland LNG	-	2,320,000
Proactive Main Replacement	58,386,000	48,872,000
Proactive Service Replacement	1,789,000	-
Reliability Program	7,914,000	8,403,000
Total - ISR Actual Spending	93,870,000	87,262,000
Less: Cost of removal	3,796,440	6,100,390
Grand Total ISR Less Cost of Removal	90,073,560	81,161,610
Growth	20,990,000	18,914,000
Facilities	1,097,000	2,417,000
IS	-	-
Other	2,797,000	1,399,000
Less COR	844,560	215,610
Total - Non-ISR Actual Spending	24,039,440	22,514,390
Total Distribution and General	114,113,000	103,676,000

Request:

Referring to Schedule MAL-12, Page 6, Line 13, please provide the number of "Incremental Full Time Equivalents" hired to date. The response should provide the actual number of hires by month from July 2017 until the most recent month available.

Response:

Please refer to Attachment DIV 20-5 for the requested information.

		Month Hired													
															Total
															Incremental
		Provider			Incremental	Hired	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	FTEs Hired
Line	DIV	Company	Business	Position	FTEs	Yes/No	2017	2017	2017	2017	2017	2017	2018	2018	to Date
1	20-5	Narr Elec	Elec	Distribution Design	1	No									0
2	20-5	Narr Elec	Elec	Distribution Design	1	No									0
3	20-5	Narr Elec	Elec	Distribution Design	1	No									0
4	20-5	Narr Elec	Elec	Overhead Lines	1	Yes	1								1
5	20-5	Narr Elec	Elec	Overhead Lines	1	Yes	1								1
6	20-5	Narr Elec	Elec	Overhead Lines	1	Yes	1								1
7	20-5	Narr Elec	Elec	Overhead Lines	1	Yes	1								1
8	20-5	Narr Elec	Elec	Overhead Lines	1	Yes		1							1
9	20-5	Narr Elec	Elec	Overhead Lines	1	Yes		1							1
10	20-5	Narr Elec	Elec	Overhead Lines	1	Yes		1							1
11	20-5	Narr Elec	Elec	Overhead Lines	1	Yes		1							1
12	20-5	Narr Elec	Elec	Overhead Lines	1	Yes								1	1
13	20-5	Narr Elec	Elec	Overhead Lines	1	Yes								1	1
14	20-5	Narr Elec	Elec	Overhead Lines	1	Yes								1	1
15	20-5	Narr Elec	Elec	Overhead Lines	1	Yes								1	1
16	20-5	Narr Elec	Elec	Underground Lines	1	Yes	1								1
17	20-5	Narr Elec	Elec	Underground Lines	1	Yes	1								1
18	20-5	Narr Elec	Elec	Underground Lines	1	Yes			1						1
19	20-5	Narr Elec	Elec	Underground Lines	1	Yes			1						1
20	20-5	Narr Elec	Elec	Substation Maintenance	1	Yes	1								1
21	20-5	Narr Elec	Elec	Telecom	1	Yes		1							1
22	20-5	Narr Elec	Elec	Telecom	1	Yes							1		1
23	20-5	Narr Elec	Elec	Customer Meter Services	1	No									0
24	20-5	Narr Elec	Elec	Customer Meter Services	1	No									0
25	20-5	Narr Elec	Elec	Customer Meter Services	1	No									0
26	20-5	Narr Elec	Elec	Customer Meter Services	1	No									0
27	20-5	Narr Elec	Elec	Customer Meter Services	1	No									0
28	20-5	Narr Elec	Elec	Customer Meter Services	1	No									0
29	20-5	Narr Elec	Elec	Customer Meter Services	1	No									0
30	20-5	Narr Elec	Elec	Customer Meter Services	1	No									0
31	20-5	Narr Elec	Elec	Customer Meter Services	1	No									0
32 33	20-5 20-5	Narr Elec	Elec	Customer Meter Services	1	No Yes			1						0
		Narr Elec	Elec	Protection Technician	-				1						
34	20-5	Narr Elec	Elec	Protection Technician	1	Yes			1						1

				meren	Month Hired										
															Total
															Incremental
		Provider			Incremental	Hired	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	FTEs Hired
Line	DIV	Company	Business	Position	FTEs	Yes/No	2017	2017	2017	2017	2017	2017	2018	2018	to Date
35	20-5	Narr Elec	Elec	Protection Technician	1	No									0
36		Subtotal - N	Varragansett	Electric	35		7	5	4	0	0	0	1	4	21
37	20-7	Narr Gas	Gas	CMS- Clerical Support	1	Yes			1						1
38	20-7	Narr Gas	Gas	CMS- Clerical Support	1	Yes							1		1
39	20-7	Narr Gas	Gas	Damage Prevention- Inspector Costs	1	Yes					1				1
40	20-7	Narr Gas	Gas	Damage Prevention- Inspector Costs	1	Yes					1				1
41	20-7	Narr Gas	Gas	Damage Prevention- Inspector Costs	1	Yes	1								1
42	20-7	Narr Gas	Gas	Damage Prevention- Inspector Costs	1	Yes		1							1
43	20-7	Narr Gas	Gas	CMS- Field Technician	1	No									0
44	20-7	Narr Gas	Gas	CMS- Field Technician	1	No									0
45	20-7	Narr Gas	Gas	CMS- Field Technician	1	No									0
46	20-7	Narr Gas	Gas	CMS- Field Technician	1	No									0
47	20-7	Narr Gas	Gas	CMS- Field Technician	1	No									0
48	20-7	Narr Gas	Gas	CMS- Field Technician	1	No									0
49	20-7	Narr Gas	Gas	CMS- Field Technician	1	No									0
50	20-8	Narr Gas	Gas	CMS- Field Technician	1	No									0
51	20-9	Narr Gas	Gas	CMS- Field Technician	1	No									0
52	20-10	Narr Gas	Gas	CMS- Field Technician	1	No									0
53	20-11	Narr Gas	Gas	CMS- Field Technician	1	No									0
54	20-12	Narr Gas	Gas	CMS- Field Technician	1	No									0
55	20-13	Narr Gas	Gas	CMS- Field Technician	1	No									0
56	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
57	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
58	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
59	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
60	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
61	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
62	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
63	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
64	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
65	20-7	Narr Gas	Gas	M&C- Field Technician	1	No									0
66	20-7	Narr Gas	Gas	I&R- Instrumentation Specialist	1	No									0
67	20-7	Narr Gas	Gas	I&R- Manager	1	Yes								1	1
68	20-7	Narr Gas	Gas	I&R- Technicians	1	No									0

	Incremental FTE's Hired to Date Month Hired														
Line	DIV	Provider Company	Business	Position	Incremental FTEs	Hired Yes/No	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Total Incremental FTEs Hired to Date
69	20-7	Narr Gas	Gas	Gas Construction - Welding Supervisor	1	No									0
70	20-7	Narr Gas	Gas	Gas Pipeline & Safety Compliance- QA/QC Inspectors	3	No									0
71		Subtotal - N	larragansett	Gas	36		1	1	1	0	2	0	1	1	7
72	20-9	Service Co	Gas	Corrosion Control & Main Replacement Corrosion Testers	1	No									0
73	20-9	Service Co	Gas	Corrosion Control & Main Replacement Corrosion Testers	1	No									0
74	20-9	Service Co	Gas	Contract Administration- Contract Specialist Analyst	1	No									0
75	20-9	Service Co	Gas	Gas Project Estimating- Estimator	2	No									0
76	20-9	Service Co	Gas	Project Management- Project Manager	5	No									0
77	20-9	Service Co	Gas	Pressure Regulation Engineering- Engineer	1	No									0
78	20-9	Service Co	Gas	Operations Support- Mapping Techs	2	No									0
79	20-9	Service Co	Gas	Operations Support- Work / Permit Coordinators	3	No									0
80	20-9	Service Co	Gas	Operations Support- Mapping Coordinator	2	No									0
81	20-9	Service Co	Gas	Corrosion Control & Main Replacement Engineer	1	No									0
82	20-9	Service Co	Gas	Resource Planning- CMS Program Manager	1	No									0
83	20-9	Service Co	Gas	Resource Planning- M&C Program Manager	1	No									0
84	20-9	Service Co	Gas	Resource Planning- Manager	1	Yes							1		1
85	20-9	Service Co	Gas	Gas Pipeline & Safety Compliance- Operator Qualification Testing- Senior Scheduler	1	No									0
86	20-9	Service Co	IS	F&V Analyst (Perm)	1	Yes	1								1
87	20-9	Service Co	IS	US Network Support	1	Yes	1								1

Month Hired Total Incremental Provider Feb FTEs Hired Incremental Hired Oct Nov Dec Jan Jul Aug Sep DIV Position FTEs Yes/No 2017 2017 2017 2017 2017 2017 2018 2018 to Date Line Company Business 88 IS No 20-9 Service Co US Network Support 1 0 89 IS 20-9 Service Co SD US Support-programmes 1 No 0 90 20-9 Service Co IS CSOC Sr Analyst 1 Yes 1 1 91 20-9 Service Co IS CSOC Analyst Yes 1 1 1 92 20-9Service Co IS PEx Practioner No 0 93 20-9 Service Co IS **Business Information Security Officer** 1 No 0 94 IS 20-9Service Co Business Information Security Officer 1 No 0 IS 95 20-9 Service Co **Business Information Security Officer** 1 No 0 96 Service Co IS US Cyber Security Engineer Yes 20-9 1 1 1 97 IS US Cyber Security Engineer 20-9 Service Co 1 No 0 IS 98 20-9 Service Co NERC Vulnerability Analyst 1 Yes 1 1 99 20-9 Service Co IS IT/OT Security Architect 1 Yes 1 1 IS 100 20-9 Service Co Incident Analyst Yes 1 1 1 IS 101 20-9 Service Co Risk Analyst No 0 1 102 Service Co IS Risk Analyst No 0 20-9 1 103 20-9Service Co IS **Risk Analyst** No 0 104 20-9 Service Co IS PMO 1 Yes 1 105 20-9 Service Co IS Security Manager 1 No 0 106 20-9 Service Co IS Test Analyst Yes 1 107 20-9 Service Co IS Test Analyst No 0 1 108 20-9 Service Co IS Security Policy Lead No 0 1 109 IS No 20-9 Service Co Forensic Analysts [CSO] 0 1 IS 1 0 110 20-9 Service Co Forensic Analysts [CSO] No IS Director Governance & Compliance 111 20-9 Service Co 1 Yes 1 1 112 20-9 Service Co IS Manager, Enterprise Security Architect 1 Yes 1 1 113 Service Co IS Risk Analyst No 0 20-9 1 IS 114 20-9 Service Co Test Analyst 1 No 0 IS 115 Forensic Analysts [CSO] No 0 20-9 Service Co IS 0 116 20-9 Service Co Test Analyst 1 No 117 IS No 0 20-9 Service Co Test Analyst 1 IS 118 20-9 Service Co SCC Operator 1 Yes 1 1 IS 119 20-9 Service Co SCC Operator 1 Yes 1 1 120 20-9 Service Co IS Secuirty Officer 2 No 0 121 20-9 IS CNI Analyst Yes Service Co 1 1 1

				Month Hired											
															Total
															Incremental
		Provider			Incremental	Hired	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	FTEs Hired
Line	DIV	Company	Business	Position	FTEs	Yes/No	2017	2017	2017	2017	2017	2017	2018	2018	to Date
122	20-9	Service Co	IS	CNI Analyst	1	No									0
123	20-9	Service Co	IS	Lead Consultant	1	No									0
124	20-9	Service Co	IS	Lead Consultant	1	No									0
125	20-9	Service Co	IS	Solution Architect	1	Yes			1						1
126	20-9	Service Co	IS	Project Manager	1	Yes	1								1
127	20-9	Service Co	IS	Project Manager	1	Yes		1							1
128	20-9	Service Co	IS	Project Manager	1	Yes		1							1
129	20-9	Service Co	IS	Project Manager	1	Yes					1				1
130	20-9	Service Co	IS	Project Manager	1	No									0
131	20-9	Service Co	IS	Project Manager	1	No									0
132	20-9	Service Co	IS	Project Manager	1	No									0
133	20-9	Service Co	IS	Project Manager	1	No									0
134	20-9	Service Co	IS	Business Analyst	1	Yes	1								1
135	20-9	Service Co	IS	Business Analyst	1	Yes	1								1
136	20-9	Service Co	IS	Business Analyst	1	Yes		1							1
137	20-9	Service Co	IS	Business Analyst	1	Yes						1			1
138	20-9	Service Co	IS	Business Analyst	1	Yes							1		1
139	20-9	Service Co	IS	Business Analyst	1	Yes				1					1
140	20-9	Service Co	IS	Business Analyst	1	Yes	1								1
141	20-9	Service Co	IS	Solution Architect	1	No									0
142	20-9	Service Co	IS	Solution Architect	1	No									0
143	20-9	Service Co	IS	Solution Architect	1	No									0
144	20-9	Service Co	IS	Communications Manager	1	No									0
145	20-9	Service Co	IS	VP - Tower Lead	1	Yes						1			1
146	20-9	Service Co	IS	VP - Tower Lead	1	Yes						1			1
147	20-9	Service Co	IS	Director - Tower Lead	1	No									0
148	20-9	Service Co	IS	Director - Tower Lead	1	No									0
149	20-9	Service Co	IS	IS PEX Analyst	1	Yes		1							1
150	20-9	Service Co	Customer	CEI Consultant	1	Yes					1				1
151	20-9	Service Co	Customer	CEI Consultant	1	No									0
152	20-9	Service Co	Customer	CEI Analyst	1	Yes		1							1
153	20-9	Service Co	Customer	Marketing Analyst	1	No									0
154	20-9	Service Co	Customer	Consumer Advocate	1	No									0
155	20-9	Service Co	Customer	Consumer Advocate	1	No									0

										Month	h Hired				
															Total
															Incremental
		Provider			Incremental	Hired	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	FTEs Hired
Line	DIV	Company	Business	Position	FTEs	Yes/No	2017	2017	2017	2017	2017	2017	2018	2018	to Date
156	20-9	Service Co	Customer	Consumer Advocate	1	No									0
157	20-9	Service Co	Elec	Distribution Asset Management	1	No									0
158	20-9	Service Co	Elec	Distribution Asset Management	1	No									0
159	20-9	Service Co	Elec	Distribution Asset Management	1	No									0
160	20-9	Service Co	Elec	Distribution Asset Management	1	No									0
161	20-9	Service Co	Elec	Distribution Asset Management	1	No									0
162	20-9	Service Co	Elec	Substation Engineering	1	No									0
163	20-9	Service Co	Elec	Substation Engineering	1	No									0
164	20-9	Service Co	Elec	Protection & Telecom Engineering	1	No									0
165	20-9	Service Co	Elec	Protection & Telecom Engineering	1	No									0
166	20-9	Service Co	Elec	Protection & Telecom Engineering	1	No									0
167	20-9	Service Co	Elec	GIS Coordinator - Maps & Records	1	No									0
168	20-9	Service Co	Elec	Maps & Records Technicians	1	No									0
169	20-9	Service Co	Elec	Maps & Records Technicians	1	No									0
170	170 Subtotal - Service Company		107		7	6	3	3	4	4	6	0	33		
171		Total - Elec	tric/Gas/Ser	vice Company	178		15	12	8	3	6	4	8	5	61

Request:

Referring to Schedule MAL-12, Page 6, Line 14, please provide the number of "Vacancies" filled to date. The response should provide the actual number of hires by month from July 2017 until the most recent month available.

Response:

Please refer to Attachment DIV 20-6 for the requested information.

THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID RIPUC Docket 4770 Attachment DIV 20-6 Page 1 of 1

The Narragansett Electric Company Vacancies filled to date - Electric

								Month	h Hired	1			
Line #	DIV	Business	Position	Vacanies	Jul	Aug			Nov	Dec 2017	Jan 2018	Feb	Total Vacancies Filled to Date
1	20-6		Supervisor, CMS		1	2017	2017	2017	2017	2017	2010	2010	1
2			*	1	1				1				1
	20-6		Clerk - CMS (Local 310)	1					1				1
3	20-6	Elec	Troubleshooter	1		1							1
4	20-6	Elec	Auto/Truck Technician 3/C, Certified	1					1				1
5	20-6	Elec	Working Leader	1									0
6	20-6	Elec	Meter Service Representative (Local 310)	4	4								4
7	20-6	Elec	Apprentice Lineworker	5	1	2						2	5
8	20-6	Elec	Meter Service Representative (Local 310)	3	1	1			1				3
9	20-6	Elec	Meter Worker C (Local 310)	3									0
10	20-6	Elec	Troubleshooter	1	1								1
11	20-6	Elec	Operations Clerk	1	1								1
12	20-6	Elec	Temporary Meter Service Reps - RI	4									0
13			Total - Electric	26	9	4	0	0	3	0	0	2	18

Request:

Referring to Schedule MAL-12, Page 7, Line 13, please provide the number of "Incremental Full Time Equivalents" hired to date. The response should provide the actual number of hires by month from July 2017 until the most recent month available.

Response:

Please refer to Attachment DIV 20-5 for the requested information.

Request:

Referring to Schedule MAL-12, Page 8, Line 17, please provide the number of "Incremental Full Time Equivalents" hired to date. The response should provide the actual number of hires by month from July 2017 until the most recent month available.

Response:

Please refer to Attachment DIV 20-5 for the requested information.