

NGEN Operations Board

NGEN Operations Board Action Item 24-006

Date: February 15, 2024

Presented by: Thomas Montoya

On behalf of: County of Monterey ITD

Action:

1. Approve and recommend the NGEN Executive Board approve the FY 24-25 NGEN Operations and Maintenance (O&M) Expenditures Budget (Fund 026) in the amount of \$1,521,500 **(Exhibit A)**;
2. Approve and recommend the NGEN Executive Board approve the FY 24-25 NGEN Operations and Maintenance (O&M) Total Net Billable NGEN O&M Fee in the amount of \$1,489,872 **(Exhibit A)**;
3. Approve and recommend the NGEN Executive Board approve and authorize the Department of Emergency Communications to bill NGEN O&M cost for FY 24-25 quarterly, in advance of each quarter, using the February 2024 Radio True-Up with a Fire Radio weighting of 75% **(Exhibit B)**

Summary/Discussion:

The NGEN Operations and Maintenance (O&M) fees **(Exhibit A)** pay for the regular and ongoing operations and maintenance costs for the County's Next Generation (NGEN) Radio System. These fees include labor costs from the County's Radio Shop, contract costs for vendor maintenance, site fees, County overhead costs charged through the County Cost Allocation Plan, equipment replacement costs, Emergency Communications Administrative staff charges and other miscellaneous costs to support the radio system. The NGEN O&M budget does not include system upgrades or capital replacement costs. Capital project costs are contained in the NGEN Capital Fund 405.

Next Generation (NGEN) Radio system costs are charged to NGEN system users based on their proportion of total system radios using a Radio-True Up with a Fire Radio weighting of 75% which is consistent with the billing formula in the NGEN Services Agreement. This action item proposes to utilize a new February 2024 Radio True-Up **(Exhibit B)** based on recent inventory collected by Monterey County IT in December 2023.

Other Agency Involvement:

The February 2024 Radio True-Up was developed using agency responses and data collected in November and December 2023.

Operations Board Action

Modification to requested action: Yes ___ No X

Vote Date 2/15/2024

Motion by Sam Klemek 2nd Matt Harris Approved: Yeas X Nays ___

DocuSigned by:
Keith Boyd, Undersheriff
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Chair Keith Boyd

Yeas: 8

Nays: 0

Exhibit A

NGEN FY 24-25 O&M FEE SUMMARY	FY 22-23	FY 23-24	FY 24-25	FY23-24 & 24-25 VARIANCE	Comments
Labor (Section A)	\$ 336,475	\$ 353,299	\$ 363,898	\$ 10,599	Includes potential 3% MOU increase
Vendor Costs (Section B)	\$ 265,600	\$ 271,125	\$ 292,165	\$ 21,040	Increase primarily due to additional backhaul circuits installed for extra resilience
Site Fees (Section C)	\$ 608,568	\$ 633,852	\$ 652,985	\$ 19,133	Increase primarily due to lease cost increases. Site expenditures and MOU increases.
ITD O&M Subtotal	\$ 1,210,643	\$ 1,258,276	\$ 1,309,048	\$ 50,772	
ECD Admin Fee	\$ 139,000	\$ 124,069	\$ 65,452	\$ (58,617)	Reduced from 10% to 5% because of reduced work scope
COWCAP	\$ 175,702	\$ (126,410)	\$ 147,000	\$ 273,410	Current projection
Total Expenditure Budget	\$ 1,525,345	\$ 1,255,935	\$ 1,521,500	\$ 265,566	
REVENUE	FY 22-23	FY 23-24	FY 24-25	\$ VARIANCE	
Verizon Lease @ Laguna	\$ (28,800)	\$ (29,664)	\$ (31,628)	\$ (1,964)	Based on lease agreement revenue
Total Billable NGEN O&M FEE	\$ 1,496,545	\$ 1,226,271	\$ 1,489,872	\$ 263,602	Total Expenditure minus Revenue

Note: Presidio of Monterey Fire and Emergency Services Department (POM FESD) radio counts are not included in FY 24-25 True-Up and cost allocation due to schedule constraints related to the approval process and budget cycle. Any fee collection from POM FESD will result in an NGEN surplus.

True-Up Year	Feb 1 2022	Feb 1 2023	Feb 1 2024	VARIANCE
True-up Radio Quantity	2280.0	2461.5	2452.8	-8.8
Monthly Cost Per Radio	\$ 54.70	\$ 41.52	\$ 50.62	\$ 9.10

*Based on Total Billable NGEN O&M Fee amount after revenue is applied

Exhibit B

City Totals

FY 23-24 True-Up					FY 24-25 True-up				VARIANCE			
County of Monterey	BPTT	Radio Count	Radio + BPTT	Weighted True-up	BPTT	Radio Count	Radio + BPTT	Weighted True-up	BPTT	Radio	Radio + BPTT	Weighted True-Up
Sheriff	68	519	587	587	56	489	545	545	-12	-30	-42	-42
Probation	0	102	102	102	0	104	104	104	0	2	2	2
District Attorney	7	30	37	37	7	30	37	37	0	0	0	0
Parks	0	57	57	57	0	58	58	58	0	1	1	1
Public Works	0	20	20	20	0	20	20	20	0	0	0	0
Water Resources	0	8	8	8	0	6	6	6	0	-2	-2	-2
Office of Emergency Services	6	5	11	11	6	5	11	11	0	0	0	0
EMS	1	100	101	101	1	105	106	106	0	5	5	5
City of Carmel by the Sea	0	46	46	41	0	46	46	41	0	0	0	0
City of Del Rey Oaks	2	14	16	16	2	20	22	22	0	6	6	6
City of Gonzales	6	55	61	53.75	6	55	61	54.25	0	0	0	0.5
City of Greenfield	4	75	79	72.75	4	72	76	69.75	0	-3	-3	-3
City of King City	3	58	61	53.75	3	59	62	54.75	0	1	1	1
City of Marina	5	120	125	113.75	6	120	126	114.5	1	0	1	0.75
City of Monterey	24	207	231	207.75	23	206	229	206	-1	-1	-2	-1.75
City of Pacific Grove	4	60	64	60.25	4	55	59	55.25	0	-5	-5	-5
City of Salinas	61	465	526	481.5	65	474	539	494.25	4	9	13	12.75
City of Sand City	2	20	22	22	2	21	23	23	0	1	1	1
City of Seaside	18	123	141	127.25	18	127	145	131.5	0	4	4	4.25
City of Soledad	0	37	37	37	0	37	37	37	0	0	0	0
CSU Monterey Bay	0	38	38	38	0	39	39	39	0	1	1	1
Monterey Airport (Billed to MFD)	0	17	17	12.75	0	17	17	12.75	0	0	0	0
Mid-Coast Fire	0	9	9	6.75	0	9	9	6.75	0	0	0	0
Big Sur Volunteer Fire	6	45	51	38.25	6	45	51	38.25	0	0	0	0
North County Fire District	4	68	72	54	4	67	71	53.25	0	-1	-1	-0.75
Monterey County Regional Fire	6	130	136	102	6	144	150	112.5	0	14	14	10.5
TOTALS	227	2428	2655	2461.5	219	2430	2649	2452.75	-8	2	-6	-8.75

Breakout By Department

Law														
FY 23-24 True-up						FY 24-25 True-up					Variance			
County of Monterey	BPTT	Radio Count	Radio + BPTT	Weighted True-Up	% of Total True-Up	BPTT	Radio Count	Radio + BPTT	Weighted True-Up	% of Total True-Up	BPTT	Radio	Radio + BPTT	Weighted True-Up
Sheriff	68	519	587	587	23.85%	56	489	545	545	22.22%	-12	-30	-42	-42
Probation	0	102	102	102	4.14%	0	104	104	104	4.24%	0	2	2	2
District Attorney	7	30	37	37	1.50%	7	30	37	37	1.51%	0	0	0	0
Parks	0	57	57	57	2.32%	0	58	58	58	2.36%	0	1	1	1
Public Works	0	20	20	20	0.81%	0	20	20	20	0.82%	0	0	0	0
Water Resources	0	8	8	8	0.33%	0	6	6	6	0.24%	0	-2	-2	-2
Office of Emergency Services	6	5	11	11	0.45%	6	5	11	11	0.45%	0	0	0	0
EMS	1	100	101	101	4.10%	1	105	106	106	4.32%	0	5	5	5
City of Carmel by the Sea	0	26	26	26	1.06%	0	26	26	26	1.06%	0	0	0	0
City of Del Rey Oaks	2	14	16	16	0.65%	2	20	22	22	0.90%	0	6	6	6
City of Gonzales	6	26	32	32	1.30%	6	28	34	34	1.39%	0	2	2	2
City of Greenfield	2	52	54	54	2.19%	2	49	51	51	2.08%	0	-3	-3	-3
City of King City	3	29	32	32	1.30%	3	30	33	33	1.35%	0	1	1	1
City of Marina	0	64	64	64	2.60%	0	64	64	64	2.61%	0	0	0	0
City of Monterey	18	83	101	101	4.10%	17	83	100	100	4.08%	-1	0	-1	-1
City of Pacific Grove	4	45	49	49	1.99%	4	40	44	44	1.79%	0	-5	-5	-5
City of Salinas	51	286	337	337	13.69%	55	294	349	349	14.23%	4	8	12	12
City of Sand City	2	20	22	22	0.89%	2	21	23	23	0.94%	0	1	1	1
City of Seaside	14	72	86	86	3.49%	14	77	91	91	3.71%	0	5	5	5
City of Soledad	0	37	37	37	1.50%	0	37	37	37	1.51%	0	0	0	0
CSU Monterey Bay	0	38	38	38	1.54%	0	39	39	39	1.59%	0	1	1	1
Fire														
City of Carmel by the Sea	0	20	20	15	0.61%	0	20	20	15	0.61%	0	0	0	0
City of Gonzales	0	29	29	21.75	0.88%	0	27	27	20.25	0.83%	0	-2	-2	-1.5
City of Greenfield	2	23	25	18.75	0.76%	2	23	25	18.75	0.76%	0	0	0	0
City of King City	0	29	29	21.75	0.88%	0	29	29	21.75	0.89%	0	0	0	0
City of Marina	5	40	45	33.75	1.37%	6	40	46	34.5	1.41%	1	0	1	0.75
City of Monterey	6	87	93	69.75	2.83%	6	86	92	69	2.81%	0	-1	-1	-0.75
City of Pacific Grove	0	15	15	11.25	0.46%	0	15	15	11.25	0.46%	0	0	0	0
City of Salinas	10	168	178	133.5	5.42%	10	169	179	134.25	5.47%	0	1	1	0.75
City of Seaside	4	51	55	41.25	1.68%	4	50	54	40.5	1.65%	0	-1	-1	-0.75
Monterey Airport (Billed to MFD)	0	17	17	12.75	0.52%	0	17	17	12.75	0.52%	0	0	0	0
Mid-Coast Fire	0	9	9	6.75	0.27%	0	9	9	6.75	0.28%	0	0	0	0
Big Sur Volunteer Fire	6	45	51	38.25	1.55%	6	45	51	38.25	1.56%	0	0	0	0
North County Fire District	4	68	72	54	2.19%	4	67	71	53.25	2.17%	0	-1	-1	-0.75
Monterey County Regional Fire	6	130	136	102	4.14%	6	144	150	112.5	4.59%	0	14	14	10.5
Public Works														
City of Marina	0	16	16	16	0.65%	0	16	16	16	0.65%	0	0	0	0
City of Monterey	0	37	37	37	1.50%	0	37	37	37	1.51%	0	0	0	0
City of Salinas	0	11	11	11	0.45%	0	11	11	11	0.45%	0	0	0	0
TOTALS	227	2428	2655	2461.5	100.00%	219	2430	2649	2452.75	100.00%	-8	2	-6	-8.75

FY 24-25 NGEN OPERATIONS & MAINTENANCE FEE					Fire Weight	Billable Amt	February 2024 True-up	Monthly Cost Per Radio (weighted)	FY23-24 Monthly Cost Per Radio (weighted)	*FY23-24 True Up Qty = 2461.5 radios (weighted)
					75%	\$ 1,489,872		\$ 50.62	\$ 41.52	
CITY TOTALS										
FY 24-25 True-up					FY 24/25 Cost			Variance with FY 23/24 Cost		
County of Monterey	BPTT	Radio Count	Radio + BPTT	Weighted True-up		Annual Cost	Quarterly Charge	FY 23/24 Annual Cost	\$ Variance	Radio Qty FY23-24 Variance
Sheriff	56	489	545	545		\$ 331,048.92	\$ 82,762.23	\$ 292,431.88	\$ 38,617.04	-42
Probation	0	104	104	104		\$ 63,172.64	\$ 15,793.16	\$ 50,814.40	\$ 12,358.24	2
District Attorney	7	30	37	37		\$ 22,474.88	\$ 5,618.72	\$ 18,432.67	\$ 4,042.21	0
Parks	0	58	58	58		\$ 35,230.89	\$ 8,807.72	\$ 28,396.28	\$ 6,834.61	1
Public Works	0	20	20	20		\$ 12,148.58	\$ 3,037.15	\$ 9,963.61	\$ 2,184.98	0
Water Resources	0	6	6	6		\$ 3,644.58	\$ 911.14	\$ 3,985.44	\$ (340.87)	-2
Office of Emergency Services	6	5	11	11		\$ 6,681.72	\$ 1,670.43	\$ 5,479.98	\$ 1,201.74	0
EMS	1	105	106	106		\$ 64,387.50	\$ 16,096.87	\$ 50,316.22	\$ 14,071.28	5
City of Carmel by the Sea	0	46	46	41		\$ 24,904.60	\$ 6,226.15	\$ 20,425.40	\$ 4,479.20	0
City of Del Rey Oaks	2	20	22	22		\$ 13,363.44	\$ 3,340.86	\$ 7,970.89	\$ 5,392.56	6
City of Gonzales	6	55	61	54.25		\$ 32,953.03	\$ 8,238.26	\$ 26,777.20	\$ 6,175.84	0.5
City of Greenfield	4	72	76	69.75		\$ 42,368.19	\$ 10,592.05	\$ 36,242.62	\$ 6,125.57	-3
City of King City	3	59	62	54.75		\$ 33,256.75	\$ 8,314.19	\$ 26,777.20	\$ 6,479.55	1
City of Marina	6	120	126	114.5		\$ 69,550.64	\$ 17,387.66	\$ 56,668.02	\$ 12,882.63	0.75
City of Monterey	23	206	229	206		\$ 125,130.42	\$ 31,282.60	\$ 103,496.97	\$ 21,633.44	-1.75
City of Pacific Grove	4	55	59	55.25		\$ 33,560.46	\$ 8,390.12	\$ 30,015.37	\$ 3,545.10	-5
City of Salinas	65	474	539	494.25		\$ 300,221.89	\$ 75,055.47	\$ 239,873.85	\$ 60,348.04	12.75
City of Sand City	2	21	23	23		\$ 13,970.87	\$ 3,492.72	\$ 10,959.97	\$ 3,010.90	1
City of Seaside	18	127	145	131.5		\$ 79,876.94	\$ 19,969.24	\$ 63,393.45	\$ 16,483.49	4.25
City of Soledad	0	37	37	37		\$ 22,474.88	\$ 5,618.72	\$ 18,432.67	\$ 4,042.21	0
CSU Monterey Bay	0	39	39	39		\$ 23,689.74	\$ 5,922.43	\$ 18,930.85	\$ 4,758.88	1
Monterey Airport (Billed to MFD)	0	17	17	12.75		\$ 7,744.72	\$ 1,936.18	\$ 6,351.80	\$ 1,392.92	0
Mid-Coast Fire	0	9	9	6.75		\$ 4,100.15	\$ 1,025.04	\$ 3,362.72	\$ 737.43	0
Big Sur Volunteer Fire	6	45	51	38.25		\$ 23,234.17	\$ 5,808.54	\$ 19,055.40	\$ 4,178.77	0
North County Fire District	4	67	71	53.25		\$ 32,345.61	\$ 8,086.40	\$ 26,901.74	\$ 5,443.87	-0.75
Monterey County Regional Fire	6	144	150	112.5		\$ 68,335.79	\$ 17,083.95	\$ 50,814.40	\$ 17,521.39	10.5
TOTALS	219	2430	2649	2452.75		\$ 1,489,872.00	\$ 372,468.00	\$ 1,226,271.00	\$ 263,601.00	-8.75

Breakout By Department										
LAW										
FY 24-25 True-up						FY 24/25 Cost		Variance with FY 23/24 Cost		
County of Monterey	BPTT	Radio Count	Radio + BPTT	Weighted True-Up	% of Total True-Up	Annual Cost	Quarterly Charge	FY 23/24 Annual Cost	\$ Variance	Radio Qty FY23-24 Variance
Sheriff	56	489	545	545	22.22%	\$ 331,048.92	\$ 82,762.23	\$ 292,431.88	\$ 38,617.04	-42
Probation	0	104	104	104	4.24%	\$ 63,172.64	\$ 15,793.16	\$ 50,814.40	\$ 12,358.24	2
District Attorney	7	30	37	37	1.51%	\$ 22,474.88	\$ 5,618.72	\$ 18,432.67	\$ 4,042.21	0
Parks	0	58	58	58	2.36%	\$ 35,230.89	\$ 8,807.72	\$ 28,396.28	\$ 6,834.61	1
Public Works	0	20	20	20	0.82%	\$ 12,148.58	\$ 3,037.15	\$ 9,963.61	\$ 2,184.98	0
Water Resources	0	6	6	6	0.24%	\$ 3,644.58	\$ 911.14	\$ 3,985.44	\$ (340.87)	-2
Office of Emergency Services	6	5	11	11	0.45%	\$ 6,681.72	\$ 1,670.43	\$ 5,479.98	\$ 1,201.74	0
EMS	1	105	106	106	4.32%	\$ 64,387.50	\$ 16,096.87	\$ 50,316.22	\$ 14,071.28	5
City of Carmel by the Sea	0	26	26	26	1.06%	\$ 15,793.16	\$ 3,948.29	\$ 12,952.69	\$ 2,840.47	0
City of Del Rey Oaks	2	20	22	22	0.90%	\$ 13,363.44	\$ 3,340.86	\$ 7,970.89	\$ 5,392.56	6
City of Gonzales	6	28	34	34	1.39%	\$ 20,652.59	\$ 5,163.15	\$ 15,941.77	\$ 4,710.82	2
City of Greenfield	2	49	51	51	2.08%	\$ 30,978.89	\$ 7,744.72	\$ 26,901.74	\$ 4,077.15	-3
City of King City	3	30	33	33	1.35%	\$ 20,045.16	\$ 5,011.29	\$ 15,941.77	\$ 4,103.39	1
City of Marina	0	64	64	64	2.61%	\$ 38,875.47	\$ 9,718.87	\$ 31,883.54	\$ 6,991.93	0
City of Monterey	17	83	100	100	4.08%	\$ 60,742.92	\$ 15,185.73	\$ 50,316.22	\$ 10,426.70	-1
City of Pacific Grove	4	40	44	44	1.79%	\$ 26,726.89	\$ 6,681.72	\$ 24,410.84	\$ 2,316.05	-5
City of Salinas	55	294	349	349	14.23%	\$ 211,992.80	\$ 52,998.20	\$ 167,886.79	\$ 44,106.01	12
City of Sand City	2	21	23	23	0.94%	\$ 13,970.87	\$ 3,492.72	\$ 10,959.97	\$ 3,010.90	1
City of Seaside	14	77	91	91	3.71%	\$ 55,276.06	\$ 13,819.01	\$ 42,843.51	\$ 12,432.55	5
City of Soledad	0	37	37	37	1.51%	\$ 22,474.88	\$ 5,618.72	\$ 18,432.67	\$ 4,042.21	0
CSU Monterey Bay	0	39	39	39	1.59%	\$ 23,689.74	\$ 5,922.43	\$ 18,930.85	\$ 4,758.88	1
FIRE										
FY 24-25 True-up						FY 24/25 Cost		Variance with FY 23/24 Cost		
County of Monterey	BPTT	Radio Count	Radio + BPTT	Weighted True-Up	% of Total True-Up	Annual Cost	Quarterly Charge	FY 23/24 Annual Cost	\$ Variance	Radio Qty FY23-24 Variance
City of Carmel by the Sea	0	20	20	15	0.61%	\$ 9,111.44	\$ 2,277.86	\$ 7,472.71	\$ 1,638.73	0
City of Gonzales	0	27	27	20.25	0.83%	\$ 12,300.44	\$ 3,075.11	\$ 10,835.42	\$ 1,465.02	-1.5
City of Greenfield	2	23	25	18.75	0.76%	\$ 11,389.30	\$ 2,847.32	\$ 9,340.88	\$ 2,048.42	0
City of King City	0	29	29	21.75	0.89%	\$ 13,211.59	\$ 3,302.90	\$ 10,835.42	\$ 2,376.16	0
City of Marina	6	40	46	34.5	1.41%	\$ 20,956.31	\$ 5,239.08	\$ 16,813.59	\$ 4,142.72	0.75
City of Monterey	6	86	92	69	2.81%	\$ 41,912.62	\$ 10,478.15	\$ 34,748.08	\$ 7,164.53	-0.75
City of Pacific Grove	0	15	15	11.25	0.46%	\$ 6,833.58	\$ 1,708.39	\$ 5,604.53	\$ 1,229.05	0
City of Salinas	10	169	179	134.25	5.47%	\$ 81,547.37	\$ 20,386.84	\$ 66,507.08	\$ 15,040.29	0.75
City of Seaside	4	50	54	40.5	1.65%	\$ 24,600.88	\$ 6,150.22	\$ 20,549.94	\$ 4,050.94	-0.75
Monterey Airport (Billed to MFD)	0	17	17	12.75	0.52%	\$ 7,744.72	\$ 1,936.18	\$ 6,351.80	\$ 1,392.92	0
Mid-Coast Fire	0	9	9	6.75	0.28%	\$ 4,100.15	\$ 1,025.04	\$ 3,362.72	\$ 737.43	0
Big Sur Volunteer Fire	6	45	51	38.25	1.56%	\$ 23,234.17	\$ 5,808.54	\$ 19,055.40	\$ 4,178.77	0
North County Fire District	4	67	71	53.25	2.17%	\$ 32,345.61	\$ 8,086.40	\$ 26,901.74	\$ 5,443.87	-0.75
Monterey County Regional Fire	6	144	150	112.5	4.59%	\$ 68,335.79	\$ 17,083.95	\$ 50,814.40	\$ 17,521.39	10.5
Public Works										
County of Monterey	BPTT	Radio Count	Radio + BPTT	Weighted True-Up	% of Total True-Up	Annual Cost	Quarterly Charge	FY 23/24 Annual Cost	\$ Variance	Radio Qty FY23-24 Variance
City of Marina	0	16	16	16	0.65%	\$ 9,718.87	\$ 2,429.72	\$ 7,970.89	\$ 1,747.98	0
City of Monterey	0	37	37	37	1.51%	\$ 22,474.88	\$ 5,618.72	\$ 18,432.67	\$ 4,042.21	0
City of Salinas	0	11	11	11	0.45%	\$ 6,681.72	\$ 1,670.43	\$ 5,479.98	\$ 1,201.74	0
TOTALS	219	2430	2649	2452.75	100.00%	\$ 1,489,872.00	\$ 372,468.00	\$ 1,226,271.00	\$ 263,602.00	-8.75