

Exhibit to Agenda Item #1b

2024 Proposed Information Technology Budget.

Board Finance & Audit Committee and Special SMUD Board of Directors Meeting
Wednesday, November 8, 2023, scheduled to begin at 6:00 p.m.

SMUD Headquarters Building, Auditorium



Information Technology 2024 Proposed Budget & Initiatives

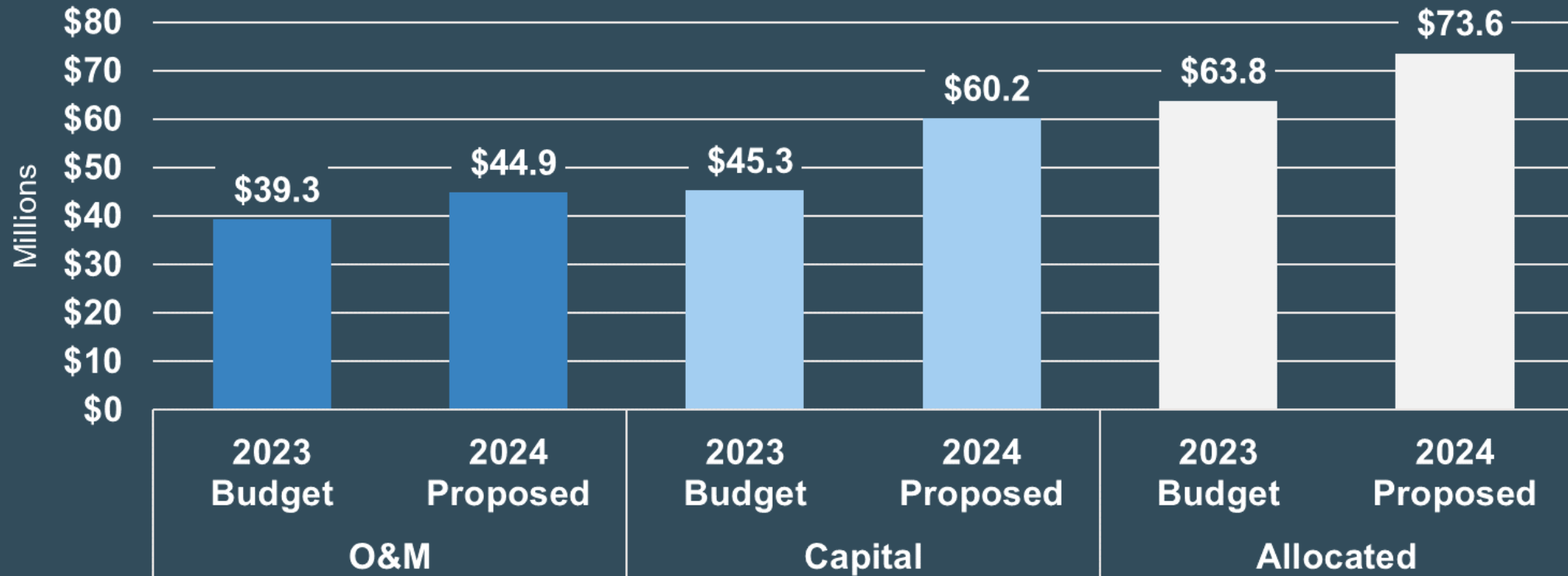
Suresh Kotha
Chief Information Officer

Information Technology

Corporate / Enterprise	Enterprise Strategy	Zero Carbon Energy Solutions	Customer & Community Services	Energy Delivery & Operations	Information Technology	Workforce, Diversity & Inclusion
Governance	Resource Strategy	Power Generation	Customer Experience Delivery	Transmission Planning & Operations	Enterprise Systems, Strategy & Governance	People Services & Strategies
Finance	Revenue Strategy	Advanced Energy Solutions	Customer Operations	Distribution Planning & Operations	Infrastructure Platform Services	Diversity, Equity & Inclusion
Legal, Government Affairs & Reliability Compliance	Customer & Grid Strategy	Grants, Research & New Business Development	Community Energy Services	Line Assets	Enterprise Solutions, Engineering & Emerging Technology	Sustainable Communities
Facilities, Security & Emergency Operations	Enterprise Prioritization	Commodity Procurement & Sales	Commercial Dev. & Solutions	Substation, Telecom, Network & Metering	Customer & Grid Operations Technology Center	
Procurement, Warehouse & Fleet		Commodity & Operations Settlements	Business Performance & Optimization	Strategic Services & Operations PMO	Cybersecurity	
Communications Marketing & Community Relations				Environmental, Safety & Real Estate Services		
Enterprise Affairs				Operational Excellence		

Information Technology

2024 Proposed Budget





Infrastructure Investment

Alignment to Strategic Direction: SD-4 SD-6 SD-8 SD-11 SD-14 SD-16 SD-17

Technology platform evolution

- Maintain and upgrade core systems to ensure reliability and security
- Complete fiber optic and communications network upgrades
- Implement Cloud Center of Excellence
- Begin SAP platform upgrade
- Upgrade conference room technology





Infrastructure Investment

Alignment to Strategic Direction: SD-4 SD-6 SD-8 SD-11 SD-14 SD-16 SD-17

Cybersecurity

- Continue to implement the Zero-Trust roadmap
- Conduct a mock Critical Infrastructure Protection audit
- Complete the Physical Access Control System project
- Enhance security monitoring in the Upper American River Project





Zero Carbon Plan

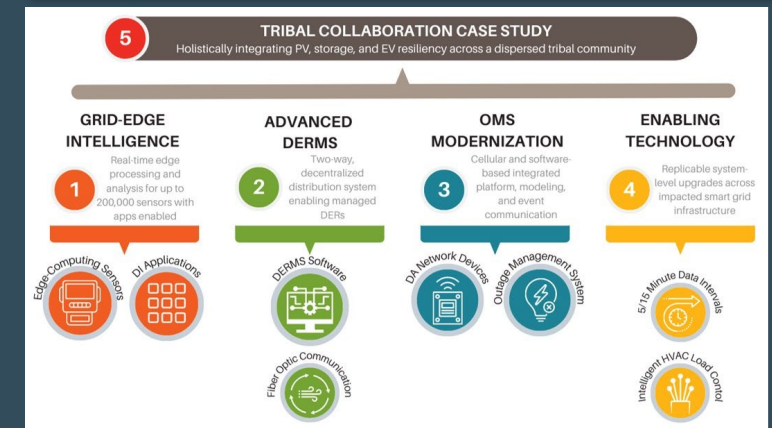
Alignment to Strategic Direction: SD-2 SD-3 SD-7 SD-9 SD-10 SD-19

Grid modernization technologies

Grid Resilience and Innovation Partnership grant

- Begin upgrade of the Advanced Metering Infrastructure
- Implement a new Outage Management System
- Expand the Distributed Energy Resource Management System
- Enhance the Distribution Automation network
- Deploy Air Conditioning Load Management switches
- Wilton Rancheria Miwok Tribal community case study
- Community Benefits

Advanced Metering Infrastructure Roadmap





Community Impact

Alignment to Strategic Direction: SD-5 SD-13 SD-15

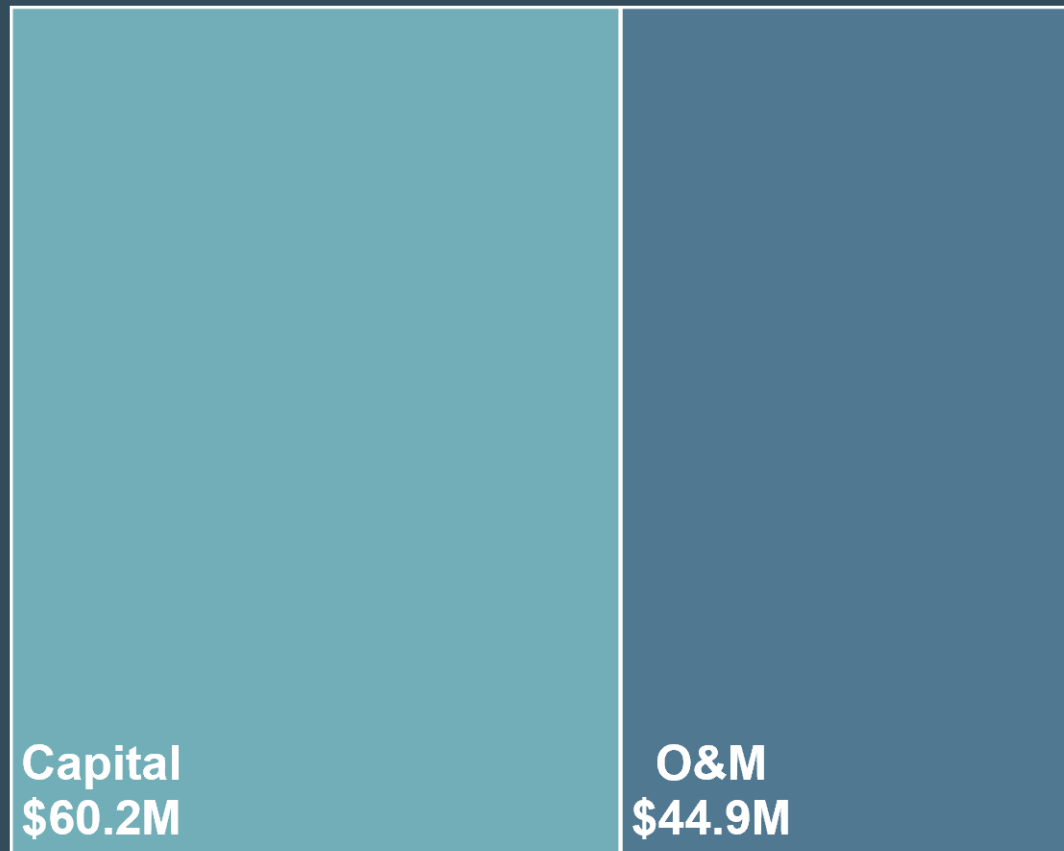
Supporting our Customers and Community

- Implement standardized customer technology platform for self-service functions
- Migrate interactive voice response system
- Provide scalable and reliable technology for Community Choice Aggregators



Information Technology

2024 Proposed budget details



Major Budget Items

Capital – Project Execution

- Grid Modernization: \$32.2 million
 - Upgrade advanced metering infrastructure
 - Outage Management System
 - Distributed Energy Resource Management System
 - Distribution Automation
- Technology Platforms and Cybersecurity: \$21.8 million
 - SAP upgrade
 - Conference Room Technology replacement
 - Workforce Optimization, and Vegetation Work Management
 - Hardware, software, and communications upgrades
- Community Impact: \$6.2 million
 - Customer Technology platform
 - Interactive Voice Response (IVR) Migration

O&M Categories

- Project Execution: \$14.7 million
- Project Planning: \$7.9 million
- Technology Enhancements, Analytics and Innovation: \$14.0 million
- Core IT Services: \$8.3 million