

EXHIBIT G
PROPOSED CAPITAL PROJECTS

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The Company proposes the following Additions to Plant in Service. All proposed additions are included in **Exhibit E**, GRC Workpapers, Plant in Service Additions, pages WP-17 to WP-19.

Description of Proposed Additions to Plant in Service.

A. Pumping Plant Additions.

1. **Pumping Equipment** (Account 324). **Booster Pump for Calero Pump Station.** The Calero Pump Station pumps water to the Calero water storage tank (214,000-gallon metal tank) for distribution to the water system. The Calero Pump Station is 923 feet below the Calero water storage tank and must overcome 400 psi to fill the tank.

At present, there are two 75-HP pumps in the Calero Pump Station, with a capacity of approximately 240 gpm each. Having two pumps provides fire protection and redundancy in the event one pump fails.

When electricity costs are lower (at night), Great Oaks has one of the pumps activate to fill the Calero water storage tank. Using the SCADA system, when the tank level requires additional water, the next pump is activated, so that the two pumps are used on a constantly alternating basis. This spreads wear and tear on the pumps evenly. In the event of fire demand, both pumps activate to keep the Calero water storage tank filled.

In the event that one or both of the existing pumps fail or require service, there is no way to fill the Calero water storage tank. The booster pump being requested addresses this risk and need.

Great Oaks plans to acquire and install a 50-HP 9-stage vertical turbine pump/motor that will be adjacent to the existing pumps. The projected cost is \$67,600, with acquisition and installation planned for Test Year 2022/2023. These costs are included in Account 324. See **Exhibit E**, GRC Workpapers, Plant in Service Additions, WP-18.

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B. Transmission and Distribution Plant Additions.

1. **Reservoirs & Tanks** (Account 342). **Replacement/Restoration of Exterior Coatings.** The Company has six metal water storage tanks in operation. The exterior coatings on five of the six tanks must be replaced to avoid failure of the exterior coatings (the sixth tank is still relatively new and is in excellent condition). Should exterior coating fail on the water storage tanks, the steel of the tank is exposed to the elements and rust begins to form, shortening the lifespan of the tanks. To preserve the water storage tanks and avoid more costly replacement of the tanks, Great Oaks plans to replace/restore the exterior coatings on those tanks. The estimated cost of replacing/restoring the exterior coatings of five tanks is \$426,000 and Great Oaks plans to accomplish this work during the Test Year 2022/2023.

2. **Transmission & Distribution Mains** (Account 343). Expected investments in this account are estimated based upon the average of investments from 2016 through 2020, with a twenty-five percent mark-up due to increasing costs in the Bay Area. See **Exhibit E**, GRC Workpapers, Plant in Service Additions, p. WP-18.

3. **Services** (Account 345). Each year the Company installs new services. The projected cost of the new service installations is based upon an average of investment costs from 2017 through 2020, with a nineteen percent markup to cover rising costs in the Bay Area, and is included in Account 345. See **Exhibit E**, GRC Workpapers, Plant in Service Additions, p. WP-18.

4. **Meters** (Account 346). The Company is continuing with its General Order 103 Meter Replacement Program. Meter replacements authorized in the 2018 GRC have been slowed due to the pandemic, but the Company expects to be able to pick up the pace of the meter replacements and complete those authorized in the 2018 GRC by June 30, 2022. For the three-year GRC period from July 1, 2022 to June 30, 2025, the Company plans to complete the General Order 103 Meter Replacement Program. The projected cost of the meter replacements for the three-

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year period is included in Account 346. Costs are based upon recent estimates. See **Exhibit E**, GRC Workpapers, Plant in Service Additions, p. WP-18.

5. **Hydrants** (Account 348). The Company replaces fire hydrants each year for various reasons, including street realignments, damage, and leaks. For replacements not chargeable to others, the Company funds the replacements. The projected investments in hydrant replacements are based upon historic trends (2018 through 2020), with appropriate considerations for market conditions. See **Exhibit E**, GRC Workpapers, Plant in Service Additions, WP-18.

C. General Plant Additions.

The Company plans to invest in the following necessary additions to its General Plant.

1. **Computer Equipment** (Account 372). With the increasing demands from the Commission and other government agencies for data, the Company now must replace more computer equipment each year to eliminate obsolete or non-functional computer equipment each year and to add more data storage and backup capacity. The Company projects costs for replacement and new computer equipment at \$107,453 for Test Year 2022/2023, \$134,317 for Rate Year 2023/2024, and \$167,896 for Rate Year 2024/2025. See Exhibit E, GRC Workpapers, WP-19 Plant in Service Additions and Retirements Detail, Account 372 – Office Equipment – Computers.

2. **Office Equipment** (Account 372). In addition to the computers and computer equipment referenced above, the Company also intends to invest in the following office equipment. The Company has included \$15,000 per year in Account 372 plant in service additions based upon historic trending, plus the additional amounts discussed below. All investment costs for these items are included in Account 372.

- **Replacement of Office Chairs.** The office chairs currently being used are more than ten-years old and many are broken or ergonomically incorrect. The replacement of office chairs will take place in Test Year 2022/2023 and are included in Exhibit E GRC Workpapers, WP-19 Plant in Service Additions and

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Retirements Detail, Account 372 – Office Furniture and Equipment Excluding Computers. See **Table G-1** below.

Table G-1
Replacement of Office Chairs

Chairs	Cost and Number	Price
Conference Room Chairs	\$582.99 x 11	\$6,412.89
Employee Chairs	\$549.99 x 16	\$8,799.84
Subtotal		\$15,212.73
Tax	9.25%	\$1,407.18
Total		\$16,619.91

- Replacement of High-Speed Billing Printers and Office Printers. High-speed printers used to print customer bills require periodic replacement. Two printers used by staff also require replacement. See **Table G-2** below.

Table G-2
Replacement of Printers

Test Year 2022/2023	Rate Year 2023/2024	Rate Year 2024/2025
Lexmark MS825DN High-Speed Printer \$2,500	Lexmark M5255 High-Speed Printer \$2,050	Lexmark MS825DN High-Speed Printer \$2,500
Lexmark M5255 High-Speed Printer \$2,050		
Total Test Year 2022/2023 \$4,971 (incl. tax)	Total Rate Year 2023/2024 \$2,240 (incl. tax)	Total Rate Year 2024/2025 \$2,731 (incl. tax)

3. **Transportation Equipment** (Account 373). Transportation Equipment – Replacement Service Vehicles. Over the course of the three-year rate case cycle, Great Oaks plans to replace one field service pickup truck each year with a new pickup truck (Ford F150). The projected plant in service additions for this account include these three vehicles, one each year. Replacement costs for the service pickup trucks are based upon similar vehicle purchases in recent times, with appropriate markups for necessary additions (toolboxes, radios, etc.).

4. **Communication Equipment** (Account 376). The Company will continue to invest in its SCADA System communication system by adding new equipment and replacing old equipment where needed. All costs are included in Account 376, **Exhibit E**, GRC Workpapers, Plant in Service Additions, WP-19.

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5. **Power Operated Equipment** (Account 377). The forklift used in the garage area of the Company's office requires replacement (the forklift is at least twenty years old and can no longer do the job). The Company will be replacing the forklift (estimated cost: \$20,000) in the 2021/2022 Rate Year and requests that this plant in service addition be included in rate base beginning with Test Year 2022/2023. Other plant in service additions in this category are based upon historic trends 2017- 2020). Additions in this category are included in Account 377 on **Updated Exhibit E**, GRC Workpapers, Plant in Service Additions, WP-19.
6. **Tools, Shop & Garage Equipment** (Account 378). In addition to normal tool acquisition (estimated at \$2,000 per year), the Company will continue investing in equipment to assist in field service operations and to improve employee safety and operational efficiency. The costs will be incurred in the Test Year and subsequent years and are shown in **Exhibit E**, GRC Workpapers, Plant in Service Additions, WP-19.

Great Oaks Water Company
General Rate Case Application
Exhibit G-1
Account 372 – Replacement of Office Chairs

Shopping Cart

Delivery based on 95119



Shaquille O'Neal™ Nereus Bonded Leather High-Back XXL Executive Chair, Black
Item # 7282132

Delivery
Estimated delivery 7-10 business days

16

X
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\$549.99 / each
\$8,799.84



Add a Protection Plan
Details

2-Year Protection Plan | \$7.99



Office Star™ Big And Tall Fabric/Air Grid® Mesh Back High-Back Chair, Black
Item # 399940

Delivery
Estimated delivery 7-10 business days

10

X
\$582.99 / each
\$5,829.90



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3-Year Protection Plan | \$89.99

2-Year Protection Plan | \$69.99

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