



LOS ALAMOS

County of Los Alamos
Minutes
Board of Public Utilities

1000 Central Avenue
Los Alamos, NM 87544

*Carrie Walker, Chair; Jeff Johnson, Vice-chair; Paul Frederickson, Stephen McLin and
Kathleen Taylor, Members
Tim Glasco, Ex Officio Member
Harry Burgess, Ex Officio Member
Pete Sheehey, Council Liaison*

Wednesday, February 20, 2019

5:30 PM

1000 Central Avenue
Council Chambers

REGULAR SESSION

1. CALL TO ORDER

The regular meeting of the Incorporated County of Los Alamos Board of Public Utilities was held on Wednesday, February 20th, 2019 at 5:30 p.m. at 1000 Central Ave., Council Chambers. Board Chair Carrie Walker called the meeting to order at 5:30 p.m.

Present 6 - Board Member Walker, Board Member Frederickson, Board Member McLin, Board Member Taylor, Board Member Glasco and Board Member Burgess

Absent 1 - Board Member Johnson

2. PUBLIC COMMENT

Ms. Walker opened the floor for public comment on items on the Consent Agenda and for those not otherwise included on the agenda. There were no comments.

3. APPROVAL OF AGENDA

Ms. Taylor moved to approve the agenda as presented. The motion passed by the following vote:

Yes: 4 - Board Member Walker, Board Member Frederickson, Board Member McLin and Board Member Taylor

Absent: 1 - Board Member Johnson

4. BOARD BUSINESS

4.A. Chair's Report

Ms. Walker had nothing to report.

4.B. Board Member Reports

Board members reported on the following items:

1) Mr. McLin - Mr. McLin attended the January 17th Boards and Commissions lunch. He

gave a brief presentation at that lunch. He noted that the information he provided was not comprehensive and did not necessarily reflect anything approved by the Board. There was nothing controversial in his report. He provided a written copy of the report and asked that it be included in the minutes as an attachment.

4.C. Utilities Manager's Report

Mr. Glasco provided a written report, which is included in the minutes as an attachment.

4.D. County Manager's Report

Mr. Burgess reported on the following items:

1) About a week and a half ago, there was a meeting to restart efforts for the Camp May water line. The Utilities Department had pursued engineering, design and environmental analysis for the waterline through legislative appropriation received about three years ago. That work was concluded in June of 2018, with work to still be completed on the environmental analysis, which was not funded through that original contract. Mr. Burgess has been working with Mountain Capital Partners, who are the owners of Pajarito Mountain. They have hired an engineering firm to complete the environmental analysis. The meeting a week and a half ago was just the first step in restarting that process. The Forest Service and Department of Energy were present to discuss various easement needs for the environmental analysis. It looks like things are going to progress, all the parties were on the same page, and they were encouraged about the project. Mr. Burgess thanked DPU staff, particularly James Alarid, who has been pursuing this a lot throughout the years as staff has worked to get everything in place. He hopes to have more news as they proceed.

4.E. Council Liaison's Report

Mr. Pete Sheehey reported on the following items:

1) One meeting of the joint BPU/Council subcommittee was held a couple of weeks ago. They agreed on a path forward regarding the request from Council to develop a smart meter opt out plan. He hopes it is acceptable to the Board and the majority of the other Councilors. He would like to have another meeting of the subcommittee sometime in the next two or three weeks to discuss the budget after the presentation at tonight's meeting. He has some things in mind for discussion.

4.F. Environmental Sustainability Board Liaison's Report

Ms. Susan Barns was not present. No report was given.

4.G. General Board Business

4.G.1 [11633-19](#) Schedule and Selection of Members to Attend Boards & Commissions Luncheons for 2019

Presenters: Board - Commission or Committee Member Carrie Walker

Regular County Boards & Commissions luncheons are scheduled to give these groups an opportunity to work with one another and with Council representatives. Only one representative from each board or commission is asked to attend.

Board members volunteered for the following dates:

Thursday, January 17 - Steve McLin
Thursday, March 14 - Steve McLin
Thursday, May 16 - Jeff Johnson (Tentatively)
Thursday, September 19 - Carrie Walker
Thursday, November 14 - Kathleen Taylor

4.H. Approval of Board Expenses

There were no expenses.

4.I. Preview of Upcoming Agenda Items

4.I.1 [11697-19](#) Tickler File for the Next 3 Months

Presenters: Board of Public Utilities

No additional items were identified for the tickler.

5. PUBLIC HEARING(S)

5.A [CO0559-19](#) Incorporated County of Los alamos Code Ordinance No. 02-294; An Ordinance Amending Chapter 40, Article III, Sections 40-171, 40-173 and 40-175 of the Code of the Incorporated County of Los Alamos Pertaining to Potable and Non-Potable Water Rates and Bulk Delivery Rates

Presenters: Bob Westervelt

Deputy Utility Manager of Finance and Administration Mr. Bob Westervelt presented this item. The following is the substance of the item being considered.

This proposed water rate adjustment is in accordance with the long-range financial sustainability plan for the water utility that has been under discussion for the past two years and was presented in detail and discussed by the Board at its regular meeting in January 2019. The ten-year forecast for the water utility presented with the FY2019/20 budget includes a series of incremental rate increases to generate revenues needed for current operations and to build cash reserves necessary for future infrastructure needs. Over the course of several meetings of the Board of Public Utilities in the fall of 2016 several alternative scenarios were considered. After discussion, a scenario was selected as the most reasonable balance between increased rates and necessary system expenditures, and was the foundation upon which the ten-year budgetary projection was based. A 6.25% increase in both retail and wholesale sales is proposed, plus an increase from \$2.50 per 1000 gallons to \$2.66 per 1000 gallons for non-potable water sales.

The Board discussed this item and requested clarification where necessary.

Ms. Walker opened the floor for public comments. Members of the public gave the following summarized comments:

1) Mr. Brady Burke, 2310 39th Street - Mr. Burke does not think the rates of neighboring communities nor the Los Alamos median household income should be used as justification for raising rates, as the burden an increase places on those people who are not at the median level is greater than those who are at or above it. Increases should be

based on what it actually costs to run the utility. For the sake of transparency and accountability, the Department should be able to demonstrate efficiencies and effective planning before raising rates.

2) Mr. Ed Christy 524 Ridgecrest - Mr. Christy sees the tiered water rate structure as being in conflict with Council's efforts over the last few years to clean up neighborhoods and make them more attractive. He thinks Council and the Board should work together to clearly define the priorities. He feels the structure penalizes people who use more water to try to keep their yards green in the summer. If he is going to be charged at higher rate for higher water use, he will let his yard turn to rock and dirt.

Ms. Taylor moved that the Board of Public Utilities approve Incorporated County of Los Alamos Code Ordinance No. 02-294; An Ordinance Amending Chapter 40, Article III, Sections 40-171, 40-173 and 40-175 of the Code of the Incorporated County of Los Alamos Pertaining to Potable and Non-Potable Water Rates and Bulk Delivery Rates, and forward to Council for adoption. The motion passed by the following vote:

Yes: 3 - Board Member Walker, Board Member Frederickson and Board Member Taylor

No: 1 - Board Member McLin

Absent: 1 - Board Member Johnson

5.B [11692-19](#)

Public Hearing for Modification of Department of Public Utilities Rules & Regulations - Addition of Rule GR-16: Advanced Metering Infrastructure

Presenters: Tim Glasco

Utilities Manager Mr. Timothy Glasco presented this item. The following is the substance of the item being considered.

In November 2018, the Board of Public Utilities approved Services Agreement AGR19-912 with Ferguson Incorporated for system-wide deployment of Advanced Metering Infrastructure (AMI). During previous discussions on the project, some concern was raised by members of the Board and the public regarding potential public disclosure under the New Mexico Inspection of Public Records Act of a customer's incremental, short-duration usage data. As part of the approval motion, the Board revised its previously adopted direction to DPU staff and directed staff return with a rule allowing customers to opt out of the AMI program with no penalties or fees. At its regular meeting on December 18, 2018, the Los Alamos County Council approved the contract with Ferguson, but required the BPU to finalize an opt out policy before the contract could be executed. At a meeting of the joint BPU/CC coordinating committee on February 8, 2019, it was agreed that the Board would consider a DPU rule allowing for opt outs that would also detail how the public would be informed. If Rule GR-16 is adopted by the Board, the County Council would then consider authorizing execution of the Ferguson contract.

The Board discussed this item and requested clarification where necessary.

Ms. Walker opened the floor for public comments. Members of the public gave the following summarized comments:

1) Mr. Brady Burke, 2310 39th Street - Mr. Brady thinks the rule should clearly state that turning the data collection feature on and off is done so at the discretion of the customer,

not the Department, and that billing data will be collected manually for those who opt out. He also thinks there should be some way for the customers to confirm themselves that the feature is not active.

2) Mr. Aaron Walker, 413 Pruitt Avenue - Mr. Walker would like to see an option to keep the meter system as it is and would like to be able to opt out of having an AMI system installed on his house. He referred to issues he had seen documented from 2018 that range from billing to fire issues. He is concerned about both the potential hassle and fire safety concerns he believes might come from installation and noted that other municipalities have either banned or removed AMI systems.

3) Mr. Ed Christy, 524 Ridgecrest - Mr. Christy believes the opt out should actually be an opt in requiring a positive affirmation of the customer. He believes that people may not notice it if it is left as an opt out provision.

Ms. Taylor moved the Board of Public Utilities approve modifications to the Department of Public Utilities Rules & Regulations - Addition of new Rule GR-16: Advanced Metering Infrastructure. The motion passed by the following vote:

Yes: 4 - Board Member Walker, Board Member Frederickson, Board Member McLin and Board Member Taylor

Absent: 1 - Board Member Johnson

Ms. Walker called for a recess at 7:22 p.m. The meeting reconvened at 7:33 p.m. Mr. Burgess left the meeting at the recess.

6. CONSENT AGENDA

Mr. McLin moved that the Board of Public Utilities approve the items on the Consent Agenda as presented and that the motions contained in the staff reports be included in the minutes for the record. The motion passed by the following vote:

Yes: 4 - Board Member Walker, Board Member Frederickson, Board Member McLin and Board Member Taylor

Absent: 1 - Board Member Johnson

6.A 11695-19 Approval of Board of Public Utilities Meeting Minutes

Presenters: Board of Public Utilities

I move that the Board of Public Utilities approve the meeting minutes of January 16th, 2019 and January 22nd, 2019 as presented.

6.B 11635-19 Approval of the Transfer of Profit from Electric and Gas Funds to the General Fund for Operations During Fiscal Year 2018.

Presenters: Bob Westervelt

I move that the Board of Public Utilities approve the transfer of revenues from the electric and gas funds to the general fund for electric and gas operations during fiscal year 2018 in accordance with Incorporated County of Los Alamos Resolution 97-07 and forward to the County Council for their approval.

- 6.C [11556-19](#) Approval of Amendment No. 2 to Task Order No. 2 Under Services Agreement No. AGR17-16b with Santa Fe Engineering Consultants, LLC, for the Purpose of Los Alamos Canyon Road Stabilization Project.

Presenters: James Alarid

I move that the Board of Public Utilities approve Amendment 2 to Task Order No. 2 Under Services Agreement No. AGR17-16b with Santa Fe Engineering Consultants, LLC, in the amount of \$28,489.56 and a contingency in the amount of \$12,567.16, for a total of \$41,056.72, plus applicable gross receipts tax, for the purpose of the Los Alamos Canyon Road Stabilization Project.

7. BUSINESS

- 7.A [11419-18](#) Department of Public Utilities FY2020 Budget Presentation

Presenters: Bob Westervelt

Deputy Utility Manager of Finance and Administration Mr. Bob Westervelt presented this item. The following is the substance of the item being considered.

Staff presented the proposed budget for FY2020. Mr. Westervelt presented an overall budget summary for the department and each division. The FY20 expenditure budget overall as presented is lower than the projection last year, due primarily to the postponement of construction of the White Rock Wastewater Treatment Plant until 2021, offset somewhat by the addition of budget authority for the Gas and Water portions of the AMI project, and additional projects scheduled in the water production budget. Comparing to the final FY19 approved budget, the proposed FY20 budget represents a 2.1% increase, again, due primarily to the addition of the Gas and Water portions of the AMI project and the water production projects mentioned previously. The budget presented is a preliminary draft, some inputs are still being finalized and some numbers are likely to change between this presentation and the final presentation given to the Board for approval in March.

The Board discussed this item and requested clarification where necessary.

- 7.B [11636-19](#) Approval of Contract No. 17-SLC-0896 Between Los Alamos County and United States Department of Energy Western Area Power Administration Salt Lake City Area for Integrated Projects for Firm Electric Services

Presenters: Steve Cummins

Deputy Utility Manager of Power Supply Mr. Steve Cummins presented this item. The following is the substance of the item being considered.

Mr. Cummins introduced the Power Systems Supervisor, Mr. Jordan Garcia, who gave the presentation. Los Alamos County has been receiving an entitlement share of federal hydropower since 1989 through the Western Area Power Administration (WAPA). WAPA is an agency of the United States Department of Energy formed for the purpose of

FINAL - APPROVED

marketing electric energy generated at hydroelectric generating facilities operated by the United States Department Bureau of Reclamation. The County's entitlement share of this renewable energy resource is approximately 1.5 MW's of capacity with an annual energy entitlement of 5,097 MWh. WAPA, in accordance with their resource planning obligations, developed a 2025 Salt Lake City Area (SLCA) Integrated Projects Marketing Plan. The County is a contractor of the SLCA Integrated Projects and specifically contracts with WAPA through the Colorado River Storage Project, which is one of SLCA Integrated Projects. The 2025 Marketing Plan proposes that contracts be entered into with existing contractors for the Post-2025 marketing period at the same entitlement levels established under existing contracts. The effect of entry into the proposed contract would be essentially to continue the basic operational terms of the existing contract until 2057.

The Board discussed this item and requested clarification where necessary.

Mr. McLin moved that the Board of Public Utilities approve Contract No. 17-SLC-0896 Between Los Alamos County and United States Department of Energy Western Area Power Administration Salt Lake City Area for Integrated Projects for Firm Electric Services and forward to Council for approval. The motion passed by the following vote:

Yes: 4 - Board Member Walker, Board Member Frederickson, Board Member McLin and Board Member Taylor

Absent: 1 - Board Member Johnson

8. STATUS REPORTS

8.A 11696-19 Status Reports

Presenters: Board of Public Utilities

The following informational status reports were provided to the Board in the agenda packet:

- 1) Electric Reliability Update
- 2) Accounts Receivables Report
- 3) Safety Report

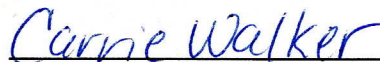
9. PUBLIC COMMENT

Ms. Walker opened the floor for public comment on any items. There were no comments.

10. ADJOURNMENT

The meeting adjourned at 9:15 p.m.

APPROVAL



Board of Public Utilities Chair Name



FINAL - APPROVED

Board of Public Utilities

Minutes

February 20, 2019

Board of Public Utilities Chair Signature

March 20, 2019

Date Approved by the Board

ATTACHMENT
OFFICER REPORTS
SUBMITTED AT THE MEETING

FINAL - APPROVED

Boards, Commissions, and Committees Luncheon
Council Chambers, January 17, 2019 11:30 am - 1 pm

Board of Public Utilities Update
Stephen McLin, Board Member

The following report was presented at the luncheon where several examples of ongoing projects were summarized. The report is not comprehensive nor is it intended to represent the opinion of other BPU members or DPU.

Topic 1. Several important capital improvement projects are summarized below.

Project 1: Small Modular Nuclear Reactor. Los Alamos County joined UAMPS in 2014 as part of its Carbon-Free Power Project. The proposed project uses the NuScale small modular nuclear reactor technology to generate clean, reliable electrical power to subscriber utilities located in the western US, including the Los Alamos DPU. Each NuScale module generates 50 MW of electrical power, and the design facility will house up to twelve NuScale modules for a total capacity of 600 MW. The proposed project will be located on Idaho National Engineering Laboratory lands. The first phase of the project is nearing completion, and involves preparation of the combined license application to NRC. The next important phase involves the critical NRC license review process, and an estimated \$850,000 commitment by DPU. After public hearings, a BPU vote is anticipated in the spring or early summer of 2019, and if approved, will be forwarded to County Council for additional public hearings and their consideration.

Project 2: Otowi-2 Water Supply Well. The DPU is currently developing the first new water supply well since taking ownership of the water production system. This well is expected to yield 500-1000 gpm and will primarily serve White Rock. It was originally budgeted to cost \$3 million but final costs may exceed \$4 million because of unanticipated drilling problems. Additional costs for the well house and associated production equipment are budgeted at \$2.2 million.

Project 3: Smart Meters. The DPU is implementing a system-wide deployment of Advanced Metering Infrastructure that consists of smart electrical meters that can record and securely transmit consumption data for individual customers at 15-minute increments for gas, electricity, and water. However, the utilities are municipally owned and subject to the New Mexico Inspection of Public Records Act. Hence, some individuals have expressed privacy concerns. The BPU and County Council have proposed an 'opt-out' policy option where individual consumption data would only be collected at monthly intervals. This policy is currently being finalized so that the project can move forward.

Project 4: White Rock Wastewater Treatment Plant. Planning continues for this major plant replacement. Total project costs are expected to be about \$15 million with a planned completion date of 2025.

Topic 2. The joint BPU-County Council subcommittee continues to meet periodically to discuss significant community issues of mutual interest. The subcommittee consists of two BPU and three County Council members. Some examples of recent topics include unpopular utility rate increases, the need for significant capital improvements in utility infrastructure, and long-range plans for future utility needs and requirements. The subcommittee plans future meetings where discussions will continue on these and other important topics.

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Utility Manager's Report February 20, 2019

1. Scheduling a joint County Council/Board of Public Utilities meeting for March 19th, to update on the CFPP and next steps.
2. Contractor will start work on NM502 project beginning the second week of March. The first work will be utilities work, which will take most of one year. Traffic control will be set up first.
3. Staff has been meeting with our Contractor on the 5-year management audit. Interviews have been completed and we will be receiving the recommendation on March 1st on completing or not a submittal to QNM. We then have until March 15th to agree with the recommendation or pursue another pathway. If we submit a completed application to QNM, then we will receive a QNM feedback report in the Fall of 2019. Our intention is that the feedback report, together with the application, will constitute the Management Audit required by the County Charter. If we decide not to submit an application to QNM, then the contractor will provide an equivalent to a feedback report and that, together with the draft application, will constitute the Management Audit.
4. The A-19 development in White Rock is nearing completion. We are scheduled to tie the underground utilities of the subdivision into our system in mid-March.
5. Well screen and gravel pack were installed at Otowi Well No. 2 during late January and early February. The cement sanitary seal was placed on top of the gravel pack the second week of February. Development pumping began on February 14th and is still on-going. Step drawdown test pumping is scheduled for the first week of March, with final completion a week or so later. Contractually, the contractor's work must be complete and the site vacated by the end of March.
6. UAMPS is pursuing a potential solar project with Navajo Tribal Utilities Authority that LAC has indicated an interest in. A contractor was hired by UAMPS to study the proposal and the report is due in early March. We will receive the findings at the next UAMPS project meeting on March 19 and report back the findings at the next BPU meeting.
7. I will be retiring from my employment with Los Alamos County effective December 31, 2019. With use of allowed sick leave and annual leave, my last day in the office will be sometime in mid-July.

BOARD OF PUBLIC UTILITIES

ADDITIONAL MEETING DOCUMENTS

Additional or revised information or documents are often passed out to the Board at the meetings.
 Whenever possible, this informational cover page will accompany those documents.

MAKE 20 COPIES OF ANY DOCUMENTS, INCLUDING THIS COVER SHEET, AND RETURN TO JAIME KEPHART PRIOR TO THE MEETING.

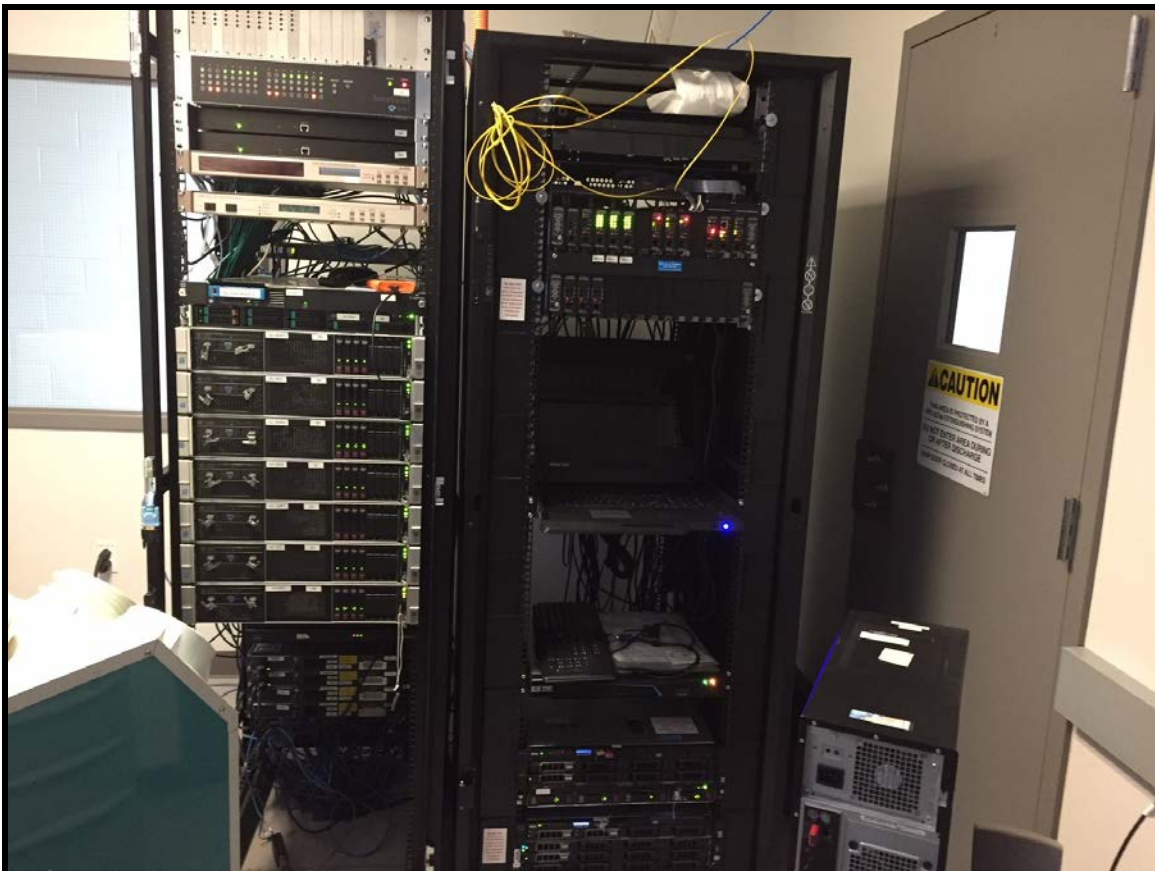
MEETING DATE	02/20/2019
AGENDA ITEM	7.A. Department of Public Utilities FY2020 Budget Presentation
DOCUMENT TITLE(S)	FY20 Capital Improvement Plan (CIP) Narratives
FROM	James Alarid, Deputy Utility Manager for Engineering
NEW OR REVISED? Is this a revision that is different from what was in the agenda packet or is it something entirely new?	New
RECOMMENDED ACTION If you have a new or revised recommended motion for the Board, enter it here.	<u>N/A</u>
ADDITIONAL INFORMATION Please VERY BRIEFLY explain the purpose of this information or document.	This information was not available at the time of agenda publication.

ELECTRIC PRODUCTION
FY20: Electric SCADA

Project Scope: A number of components on the electric SCADA system are at the end of their useful life and replacement parts are becoming difficult to acquire. A number of upgrades to the systems are planned to maintain a reliable operation.

Budget:	Modems, Switches & RTUs	\$100,000
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Schedule: Summer 2019 through spring 2020



ELECTRIC PRODUCTION / WATER PRODUCTION / GAS DISTRIBUTION

FY20: Update Energy and Water Conservation Plan

Project Scope: The New Mexico Office of the State Engineer and the Western Area Power Administration require that the DPU maintain a current conservation plan. Our last update to the Energy and Water Conservation Plan was in 2015. A consultant will be hired to update our plan in 2019.

Budget:	Water Production	\$25,000
	Electric Production	\$25,000
	Gas Distribution	\$25,000

Schedule: Fall 2019



2015-2019 Energy and Water Conservation Plan

Department of Public Utilities
Los Alamos County
Approved by the Board of Public Utilities on
March 18, 2015

ELECTRIC PRODUCTION

FY20: Abiquiu 3-Ton Jib Crane

Project Scope: A new 3-ton jib crane will be installed on the north deck of the Abiquiu hydroelectric plant to raise and lower the gates to the energy dissipating chambers. Currently, access to the gates is limited due to the location of the plant electrical gear that must be navigated through by a crane or boom truck.

Budget: \$ 140,000

Schedule: Spring 2020



ELECTRIC DISTRIBUTION

FY20: Overhead System Replacement

Project Scope: Many components of the utilities' overhead infrastructure operate near or past their useful plant life; greater than 50 years. The department's Asset Management Program (AMP) prioritizes O&M projects on (a) root cause analysis after power outages, (b) quarterly line patrols, and (c) year-end assessments. The O&M program includes: replacement of power poles, cross-arms, and revamps (wire & transformer upgrades). Priority is placed on the three phase backbone and areas affecting the highest number of consumers.

- | | |
|----------------------------|------------|
| 1. White Rock service area | \$100,000. |
| 2. Los Alamos service area | \$100,000. |

Budget: \$ 200,000
Schedule: Year round design and construction



ELECTRIC DISTRIBUTION

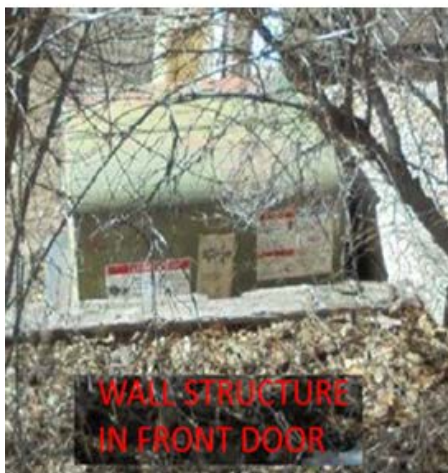
FY20: URD (UG residential distribution) Replacements

Project Scope: The underground system contains 1970s infrastructure which was direct-buried and in direct contact with the earth. Portions or segments of the underground system which have experienced 3 or more failures are targeted for replacement because they will fail again. Old and obsolete live-front transformers are routinely replaced due to safety and arc-flash concerns. New loop segments are designed for radial power lines which serve large amounts of customers.

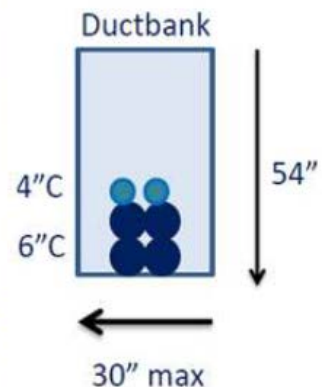
- | | |
|---|------------|
| 1. Los Alamos town site area after three failure replacements | \$100,000. |
| 2. White Rock area after three failure replacements | \$100,000. |

Budget: \$ 200,000

Schedule: Year round design and construction



Budget: \$ 850,000
Schedule: Summer 2019 to spring 2020

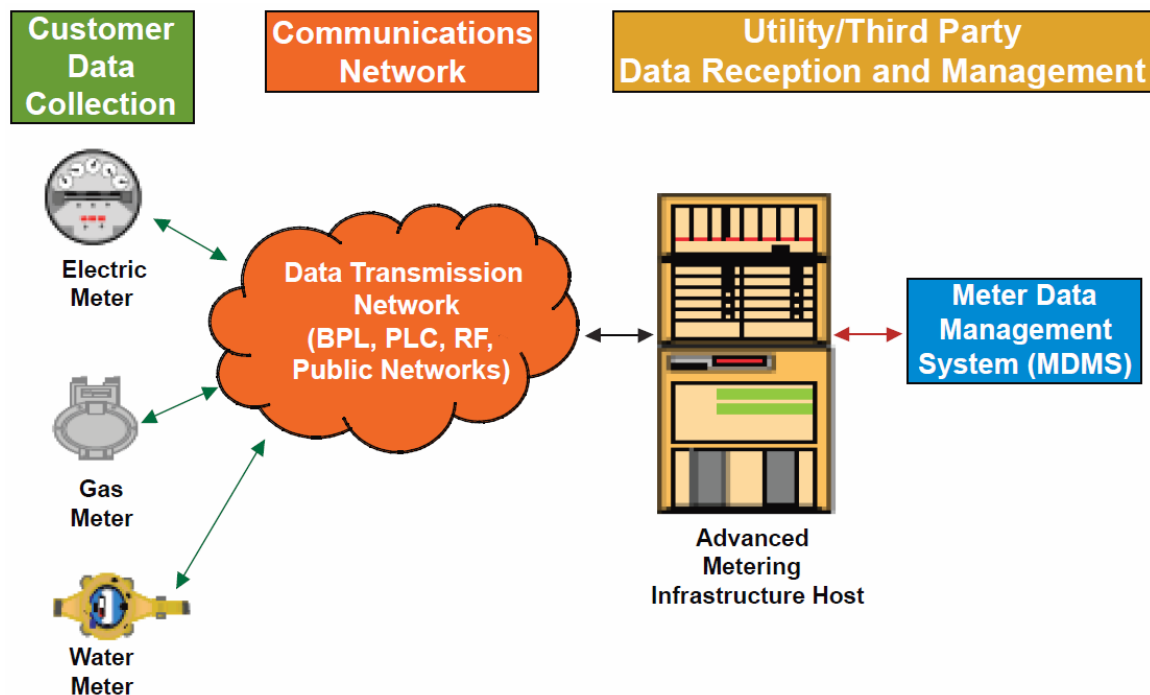


GAS DISTRIBUTION / WATER DISTRIBUTION / ELECTRIC DISTRIBUTION FY20: Advanced Metering Infrastructure (AMI)

Project Scope: The advanced metering infrastructure (AMI) project has been conditionally approved and will be ongoing through fall 2020. The water, gas and electric meters in the system will be upgraded to support automated meter reading and new electric rate structure options.

Budget:	Electric Distribution	\$2,455,880
	Gas Distribution	\$2,102,907
	Water Distribution	\$1,694,378
	Total	\$6,253,165

Schedule: Spring 2019 through fall 2020



WATER PRODUCTION

FY20: Otowi Well No. 2 Well House & Equipment

Project Scope: The project will be executed in two phases. The first phase of the project for the design, drilling and development of the well is ongoing and scheduled for completion in March 2019. This budget item is for the second phase of the project for design and construction of the well house, electric gear and equipping the well with pumps. The well is scheduled to be online by summer of 2020.

Budget: \$1,900,000

Schedule: Design will occur summer of 2019 and construction of the well house in the spring of 2020.



WATER PRODUCTION

FY20: State Road 4 Pipeline and Chlorination Building Replacement

Project Scope: The existing pipelines that cross State Road 4 in the vicinity of the Truck Route will be replaced prior to reconstruction of the intersection. The existing chlorination building in this same area will also be replaced to accommodate a new chlorination system.

Budget: \$750,000

Schedule: Construction is scheduled for spring 2020.



WATER PRODUCTION

FY20: Overlook Park Non – Potable Booster Station Replacement

Project Scope: DPU has applied to the Water Trust Board for funding to replace the Overlook Park non-potable booster station. The existing station is 37 years old with the mechanical equipment installed outdoors. The booster station will be replaced with a new building with all of the electric and mechanical equipment indoors.

Budget: \$880,000 (\$800,000 @ 60% Grant/40% Loan; \$80,000 LAC Match)

Schedule: Construction is scheduled for spring 2020.



WATER PRODUCTION

FY20: Los Alamos Reservoir Road Stabilization

Project Scope: FEMA awarded Los Alamos County a grant for the stabilization of the Los Alamos Reservoir road and to clear debris from the channel and route the channel to its original path. Phase I of the grant for design and environmental documents is ongoing. This budget item is for Phase II of the project for construction of the improvements. The FEMA grant will cover 75% of the cost while the remaining 25% will be the responsibility of Los Alamos County.

Budget:	FEMA	\$ 1,125,000
	DPU	\$ 187,500
	General Fund	\$ 187,500
	Total Construction	\$ 1,500,000

Schedule: Design and environmental documents are currently in progress. Construction is scheduled for fall 2020.



WATER PRODUCTION

FY20: Pajarito Well No. 4 Engine Replacement

Project Scope: The natural gas fueled engine at Pajarito Well No. 4 failed in 2018. The existing engine was placed in service in 1982 and is now antiquated and replacement parts are not available. The engine will be replaced with a new engine which will power the well through the remainder of its useful life.

Budget: \$800,000

Schedule: Replacement is scheduled to be complete by September 2019.



WASTEWATER TREATMENT

FY20: Design & Construction of New Wastewater Treatment Plant in White Rock

Project Scope: Perform the engineering design required to completely replace the existing 50-year old trickling filter plant with a modern facility that will produce high-quality irrigation water for public spaces. The design will follow the selection and recommendations made under the Preliminary Engineering Report approved by the County in summer 2016.

Budget:	Design	\$ 1,000,000 (FY19)
	Construction Admin./Inspection	\$ 520,000 (FY20)
	Construction	\$ 13,000,000 (FY21)

Schedule: Retain engineering services spring 2018. Bid for Construction summer 2020

