BEFORE THE

IDAHO PUBLIC UTILITIES COMMISSION

CASE NO. IPC-E-23-11

IDAHO POWER COMPANY

BARRETTO, DI TESTIMONY

EXHIBIT NO. 1

Memorandum of Understanding Concepts for Joint Projects Documentation May 2023

The following summarizes Company's and Staff's agreement in principle, that will ultimately be contained in a Memorandum of Understanding ("MOU"), on the types and presentment of information Idaho Power will file to support its requests for a prudence determination of expenditures made at its jointly-owned generating facilities. This document reflects Idaho Power's current understanding of the primary components that will be contained in the MOU and corresponding checklists, but is subject to change as the MOU is finalized with Staff.

1) Major Projects Checklist

This checklist is envisioned to detail review timing and documentation that will be provided for all projects over a certain threshold. Idaho Power will provide the Appropriations Request (for Bridger) or Authorization for Expenditure (for Valmy), along with a list of project characteristics and areas that Joint Projects will review as prescribed in the checklist. The checklist will also prescribe specific documentation that will occur if costs exceed budget by a certain amount. Lastly, the checklist will prescribe the review that will occur, and the associated documentation that will be provided, with regard to project bidding and / or in-house completion of projects if expenditures exceed a certain level.

2) Valmy-Bridger Oversight Meeting Checklist

In addition to the Major Projects Checklist, Joint Projects will complete a Valmy-Bridger Oversight Meeting Checklist for each regularly scheduled budget discussion with the Company's operating partners. These meetings currently occur monthly for Valmy and quarterly for Bridger. This checklist is envisioned to include the time, date, location, and attendees of these meetings, as well as any meeting notes taken by Joint Projects, either written directly on the checklist or attached. In addition, the Company will retain with the capital budget review worksheets that list all capital projects at the facility, including ancillary information such as budget variances and project notes.

3) Maintenance of Documentation for Commission Staff Review

Idaho Power will agree to maintain documentation associated with the processes outlined in the MOU to support its prudence requests for expenditures at Bridger and Valmy.

4) Staff Review, Sufficiency of Documentation

The Company will provide the checklists and associated documentation to Staff either upon filing or at Staff's request, depending on Staff's preference and the volume of information related to the period for which prudence is being requested.

5) Term and Termination.

The MOU will become effective on the Effective Date and will continue until the Company does not have ownership of a jointly-owned facility, unless terminated earlier by one or more Parties with written notice to the other Party.

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BEFORE THE

IDAHO PUBLIC UTILITIES COMMISSION

CASE NO. IPC-E-23-11

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BARRETTO, DI TESTIMONY

EXHIBIT NO. 2

Project	Descr	V1	V2	VC	Total	Purpose	Project Description/Justification
							The Unit 2 steam turbine high pressure/intermediate pressure (H9/P) shell experienced five steam leaks from the mating surfaces of the steam turbine H9/P
							upper and lower shells, beginning in 2015. Each steam leak damaged the two burbles hells by ending the mating surfaces material and providing further paths for the superlead status to scape time the turbles in PBM selfs. At the time, provision repart off and in the ended mating surfaces or the ended status of the superlead status to scape time the turbles in PBM selfs. At the time, provision repart off and in the ended mating surfaces of the ended status of the superlead status to scape to the status of the ended status of the superlead status of the statu
27574743	VALMY 98482392 V2 REPLACE TURBINE HP/IP SECTION		1,240,965		1,240,965	Reliability/Safety	
							The Valmy U2 Emerson Oxistion Distributed Control System ("DCS") was operating both the servers and Human Machine Interfaces ("HMI") support and security patches are no longer created for these systems. The existing U2 DCS equipment was installed in 2015. The control servers were operating on Windows Server 2008 and Microsoft eased mainstream supporting as of January 1, 2020. The HMIs server operating on Windows 7 orginally regulated and acceleration of these servers and Human Machine Interfaces ("HMI") beyond the HMI server operating on Windows 7 orginally regulated and acceleration of these servers and HuMs at exivated in this 4. Biol voltated HMI transverse and upper descent and the servers and HMIs at exivated in this 4. Biol voltated HMI transverse and upper descent and the serverse and HMIs at exivated in the HMI transverse and upper descent and the servers and HMIs at exivated in the HMI transverse and upper descent and the serverse and HMIs at exivated in the HMI transverse and upper descent and the Upper descent and transverse and Upper descent and transversers. Additionally, th
27574748	VALMY 98483985 V2 OVATION HMI AND SERVER UPDATE		629,538		629,538	Reliability	
27590306	VALMY 98493081 V2 PULVERIZER C GEARBOX FAILURE		587,457		587,457	Reliability	Four poweriers are needed on U2 to reach full kad status each year to perform annual testing and certification of the cold reheat after yeaber. This testing is a compliance requirement needed to matter Mariny Annual state of Needa Ballor spectrage Neema. Relativity as also increased the availability of having agare pulvetizer when needed in the event of failure of another pulvetizer. After pulvetizer 32 tripped off, the garabas inspection port was opened by maintenance personnel and discovered the garabos failure (LU2) relability was compromised at this time as well as compliance with the state testing requirements with 22 pulvetizer not being ready for service.
27514784	VALMY \$8438366 VC FREEZE PROTECTION HEATERS,			541,325	541,325	Reliability	When the Valmy operating schedule shifted to running the units in only the summer months, and to be in long-term layup during the remaining months of the year, I was determined that with both units offline there was no availiary taxam to provide heat to be turbines, boilers and buildings to keep them dry and above the dev group, part the long term layup plan. The plant was remining postable calcifron schedulers and buildings to keep them dry and above the dev group, part the long term layup plan. The plant was remining postable calcifron schedulers and buildings and equipment during the layup period. It was determined that the purchase of the heaters was more cost effective than remining. In addition, the purchase and tatilation included for water-to-aid ry theme closes which cost do econopence tooling system on sch unit and exhaust warm dry air into the lower level of the turbine building, reducing the number of electric there required to be purchased.
27585672	VALMY SARONOV V PRYTTER DOWER SUBRY TEAMS		468 110		458 110	Relishiity	Two of the U2 exciter power supply transformers had failed, preventing the return to service of the U2 generator. Following a loss of phase generator protection trip caused by the A phase, U2 was not able to return to service due to damage that was discovered in the generator exciter power supply system. An exciter respectation was required to also in tode/biological be susce. One of the tree saturable current transformers (T24) that supply power to the generator exciter, one lower results (finandomic) and the exciter control card module were damaged during the unit trp. The emergency regains were comprovised image by out to old where damage, saved as one of the remaining linear restor transformers (T34) that degraded and was running at an elevated temperature of 350 degrees compared to the other two that were 200 degrees.
21303012			400,110	l	400,110		
27582989	YALMY 98489340 V2 PULVERIZER CAPITAL SPARE RO		456,113		456,113	Reliability	U2 is scheduled for retirement at the end of 2025. Based on inspections, the pulveriters were not in immediate need of nairy overhauks. To be prepared uncertainty of the schedule of the sche
							In November 2017, an evaluation of the fire protection systems was performed that determined the refurbishment or replacement of the systems was required due to degradation of the existing system, through a combination of worn out and/or outdated components and systems. This project included the efforthalment of the any Warming Smoke Detection system, the replacement of the huilt and Unit 23 study be bootstrip pice, the required flow testing on the dised fuel alarm control panels and associated controls and alarms, replacement of the due waves, the electric fire pump and the required flow testing on the dised fuel think system.
27517151	VALMY 98438233 VC FIRE PROTECTION SYSTEM, REF			262,492	262,492	Reliability/Safety	
27596251	VALMY GRAGGOT VZ PILIVERIZER ROLL WHEFE REPLACEMENT VA		230 734		230 734	Reliability	Four polynomizers are needed on U2 to reach full load status each year to perform annual esting and certification of the cold reheat aftery values. This vesting as compliance requirement needed to matter Marriny Annual to ell investo Balon Dennity Parmin Abalonity as also increased by the availability of having space palverbar when needed in the verte of failure to another pulverbar. Inspection of pulverbar 20 yr abilitensince personnel discovered a scient of all whele assembly. U2 reliability was compromised at this time as well as compliance with the state testing requirements with 28 pulverbar not being ready for service.
						e en en	The existing original Unit 2 pin mixer (wet fly ash unloader) required replacement due to normal wear and tear. In addition, in 2018 an ash hauling dump truck damaged the Unit 2 wet fly with unloader, further impacting the reliability of the pin mixer. The pin mixer/unloader was rebuilt prior to the summer run to avoid the potential of serious thinser of the on-redundant equipment.
27528897	VALMY SR455128 V2 PN MIXERAJNICOADER, REBUILD		224,787	219 799	224,787	Reliability	Ground water elevation at Valmy had risen noticeably over the last 6.8 years, presumably due to cessation of dewatering archivites at the nearby Lone Tree Mino, resulting in the screened interval intake of several wells becoming fully submerged. According to hevada Division of Environmental Protection (NDEP) monitoring well paidelines, the groundwater level should be within the screened interval level to obtain an accurate water level reading. Any reported ground water levels about the tog screen evel are considered interval. Valmy has 14 storal ground water monitoring well, of which the were reading globac the top screen level and four were close. If the wells were not redrifted, plaged, abandoned or replaced, the existing wells may have become non- compliant with the residuation (inter the potential integrals of operating the fulficities landfill and exportation posts). a tableto, in no in compliant, the HOEP can order similar action. These costs are associated with the installation of nine new ground water monitoring wells.
				215,133			The scrubber spray machine genetions drives atomizer wheek at 12,000 rpm for sulfur dioxide removal. The high speed components require precision balancing and tight lorenace on gene clearance. This project regluced a genetion that was no longer repainable. The spray machine genetions in secars to ensure the glaint's reliability and environmental compliance for the summer pack secars (no for the TR lev Sy removal and Sulfur ensuits) as a well as the summer the glaint's removal and sufficience for the summer gave secars (no for the TR lev System) and sufficience machines as well as the summer the glaint's removal and sufficience for the summer gave secars (no for the TR lev System) and sufficience machines as well as the summer the glaint's removal and sufficience that the summer specific secars (no for the TR lev System) and sufficience that the summer specific secars (no for the TR lev System) and sufficience that summer specific secars (no for the TR lev System) and sufficience that the summer specific secars (no for the TR lev System) and sufficience that sufficience that the secars (no for the TR lev System) and sufficience that sufficience that the secars (no for the TR lev System) and sufficience that secars (no for the TR lev System) and sufficience that sufficience the secars (no for the TR lev System) and sufficience that sufficience that secars (no for the TR lev System) and sufficience that sufficience that secars (no for the TR lev System) and sufficience that secars (no for the TR lev System) and the sufficience that secars (no for the TR lev System) and the sufficience that secars (no for the TR lev System) and sufficience that secars (no for the TR lev System) and the sufficience that secars (no for the TR lev System) and the sufficience that secars (no for the TR lev System) and the sufficience that secars (no for the TR lev System) and the sufficience that secars (no for the TR lev System) and the sufficience that secars (no for the TR lev System) and the sufficience that secars (no for the
27596247	VALMY 98494653 V02 SCRUBBER SPRAY MACHINE GEARBOX REPLACEMEN		180,709		180,709	Environmental/Reliability	MAIS SUZ EMISSIONS.

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Project	Descr	V1	V2	VC	Total	Purpose	Project Description/Justification
27604610	VALMY 10086049 V2 SCRUBBER ATOMIZER WHEELS REPLACEMENT		168,148		168,148	Environmental/Reliability	The scrubber atomizer wheels are exposed to a harsh environment of fly ash laden flue gas, as well as a spray of an abraise slurry of lime and sch at 12,000 rpm for sulfur dioxide removal. This causes erosion on both the carbide slurry notices and the titanium wheel body. With the plurt's anticipated load forecast, eight of the existing atomizer wheels were as the end of their service life each year, and were no longer capable of being rebuil/balanced. The procurement of eight new atomicer wheels were east to even of their service life each year, and were no longer capable of being rebuil/balanced. The procurement of eight new atomicer wheels want each yor lowerus the plant's existibility and environmental compliance for the summer peak season, for both the Tifle V S02 removal and Suffar emissions as well as the MAITS 502 emissions.
27547460	VALMY 98377358 V2 PULVERIZE "A" MAJOR REBUILD-2016		165,540		165,540	Reliability	Pulverisers are utilised to grind coal to fine dust before being transported to burner fronts. This process wears out roll wheel assemblies, table grinding segments, and the interior of pulveriser equipment. The normal operating life cycle of a luft 2 pulveriser is roughly 38 to 24 months. Routine inspections are performed at 3000 must and required membrance is performed to ensure the maximum life of the pulvere relativity to a pulverise orchaults for continued reliable operation of Uni2 2 and include replacements of roll wheels, air seaks, coal hields, bearing, wear resistant ceramic linesr, classifier wanes, coal feeder wear components, projer frame ware jate, and the privite prover. A pulverise orchaults was to device a comband to a provide the private proversion wheel sampling and the private provide the private provide and an an ended basis, as opposed to during the routine inspection, when the pulveriser's hours of operation and level of wear justifies the overhauls.
27545751	VALMY \$8466935 VI PULVERIZER D ROLL WHEEL ASS	159,459			159,459	Reliability	In April 2019, one roll wheel assembly failed and was replaced in the Unit 1D pulveriser. Black Buite coal requires all four pulverisers to achieve full load. In September 2019, plant personnel reported high angio on the Unit 1D pulveriser, Black Buite coal requires all four pulverisers to achieve full load. In subability requirements, the 1D cap alpure net exceeded 2000 hours of personnel was pipifariant war and pair deteriorated buyond the service life availability requirements. The D cap alpure net exceeded 2000 hours of personnel was pipifariant war and pair deteriorated buyond the service life availability requirements. The D cap alpure net exceeded 2000 hours of personnel war application war and pair the deteriorated buyond the service life exceeded and the service life and the service life of the service service and the service life of the analysis regulationed of the one of wheel assemblies and area were straing differences of the three roll wheel: dameters in addition to the failing other two assembles, requiring the replacement of the three of the roll wheel assemblies.
27591516	VALMY 98494358 VC EQUIPMENT WASH PIPING REPLACEMENT			150,961	150,961	Reliability	A section of bolie equipment wash piping that used to ill both criculating water systems prior to start up lailed. This was the organal underground piping from construction in 1970. Using alternative means to fill the circulating water systems is very time consuming and results in start up delays. These costs included the replacement of the underground equipment wash piping.
27549554	VJJ MY 9847345 VJ SCRIBSER RITH FT DUTT RI IGGA		126 759		126 759	Fnvironmental/Safety	The three dry socubber vessels on Unit 2 often suffer severe scaling and/or debris material buildup as scale is diodoged from the socubber vessel walit. The scale and buildup can be severe enough that several times per year the unit is curalial by 70 MW's which the scale and buildup are removed from the vessel wals and the outlet data's unit here insign defines that and an outlet data door. The debin material is then oeticted and transported to the ash and/or door the severe enough that several times per year buildup data door. This project entraged the existing unit 2 scubber vessel debth chute and installed three 2 which damater the Mercury and APT frack Standard's regulations. This project entraged the existing unit 2 scubber vessel debth chute and installed three 2 which damater the Mercury and APT frack Standard's regulations. This project entraged the existing unit 2 scubber vessel debth chute and entralided the schedule data data and an and and and and and and and and
27603201	VALMY 10074750 V2 TURBINE CONTROL VALVE POSITIONER REPLACEME		119.399		119,399	Reliability/Safety	U2 was experiencing erratic control valve movement that resulted in unit trips due to the resulting load and drum level swings. Troubleshooting included replacement of the position feedback and tuning. The pirmary cause of the erratic valve movement was leakage in the upper and lower positioners. In order to operate as relading sposible, an abound operating practice adverging the control valves wedge new as implemented to limit the erratic valve movements. Replacement of the upper and lower turbine control valve hydraulic cylinder positioners was necessary to restore stable operation of the turbine and improve paint relading to the practice spositioners.
27522127	VALENY ØRAFGREA VY ATTOMITED WAIFELF. BEDI		115.062		115.067	Environmental/Relishility	A dry scrubber utilites nine atomizing spray machines to atomize a lime/recycled fly sub mixed slurry that reacts with the sulfur dioxide in the flue gas to produce calcium sulfate. In 2018, Valmy was expected to be used as a seasonal facility and to only run during the summer peak months. The plant was utilized more than anticipate and staylow of horough the virter of 2018 and into the spray of 2013, printing Value to the impacts of the findinge pipeline explosion that occurred in October 2018. The extended run time amounted to many more hours on the wheek than originally unicipated requiring the procurrenter of a new dominer wheek. The replacement of the wheek ensured the plant's reliability for the 2015 summer plant exeaon.
27520441			100.738		100.739	Environmental/Reliat-Str.	The dry sorubber on Unit 2 utilizes nine atomizing spray machines (three atomizes per scrubber vessel) to atomize a lime/recycled fly ash mixed slurry that reacts with the suffue disorder in the flare gate to produce railoum suffate. The solid calcium suffate particles are then collected along with fly ash in the baghouse. To accomplish this the atomize where floatings a supporting to 1000 revolutions per minutes and extindings for extending to the sufface of the solid revolutions and extindings for extending the sufface of the solid revolutions and extindings for extinctions of the solid revolutions are minutes and extindings for extinctions and extindings for extinctions of the solid revolution of the solid revol
2137341			100,110		100,120	Environme, new feelboxy	The dry strubber on Unit 2 utilizes nine atomizing spray machines (three atomizers per scrubber vessel) to atomize a line/recycled fly shn mixed slurry that exacts with the sulfur disorder in the flue gas to produce calcium sulfate. The solid calcium sulfate particles are then collected along with fly shn in the baghouse. To accomplish this the atomizer wheel robusts at approximately 10,000 revolutions per minute and centrifugal force shears the line/recycled fly applications. The solution of the summer wheel robusts at approximately 10,000 revolutions per numule and centrifugal force shears the line/recycled and regulatoment. At another wheel no be expected to this for 10,000 - 12,000 numers lines. This project remote first of the atomizer wheels that were at the end of their service life and was necessary to ensure the plant's reliability for the 2020 summer peak season.
27528895	VALMY SBATJSATZ ZARUBBER ATUMIZIK WHELLS, K		108,817		108,817	environmental/ resisonery Reliability	The condenser inlet tube sheet of a unit is exposed to ension from particles and turbulence in the circulating water so it is costed with a wear resistant coating to protect the metal tube sheet and condenser tube ends. The coating on Linit 2 had worn to the point that significant portions of bare tube and tube ends were exposed. When exposed, the tube ends will ende and can result in tube failure and leakage of circulated water into the stams idee of the condenser, constraining the bolie water. The scope of the project included the recording of the tube sheet. When the recording began, the plant was able to repair some of the waterbox coating resulting in project costs lower than initially estimated.
27520697	VALWY GRACENES VE STAFY ELEVATOR BER AFE		107 241		107 241	Balishility/Cofany	The Unit 2 stuck elevator reliability and safety was compromised due to the age of the elevator and replacement parts had become obsolete. The elevator installed will Unit 2 was constructed in 1984. On several accessions the elevator stopped operating grouperly during the installation of environmental comparisor equipment and prior to schedule emission testing, causing delayed installation intentions. The project included a complete elevator replacement including the car, brake assembly, drive motor and gearbox, electrical system replacement and call system replacement.
27527353	VALMY 98438400 V2 GENERATOR BUSHINGS. REPLACE		106 641		106,641	Reliability	The terminal plate gaskets for the high voltage bushings of the generator were worn out and there was indication of bushing gaskets leaking as the vicuali was seeing through the bushing gaskets. Bushing gasket leakage could lead to catastrophic failure of the generator. The issue was first identified in 2010 and temporary regarits were made. In 2017, it was noted that the bash bas borne inginitaria do are more temporary regarits was add annual inspection conducted. The 2018 annual inspection discovered more leakage to the replacement of the bushing and regasketing of the bushing terminal plate was performed.
			,044				U2 is equipped with a single turbine driven boiler freed pump. The high pressure and high flow produced by the boler feed pump resulting in wear as well as deposits on the rotating element make it necessary to redrivible the rotating element periodically. The U2 Boiler feed Pump was last overhauded in 2007. This redructionment was required to maintain a high level of plant relation.
27609108			93,383	99 503	93,383	Reliability	Coal handling conveyor 58 austained a run time faiture resulting in severe damage to the conveyor betting, bend pulleys and to the bend pulley support framing. Permanent repairs were made to the bend pulley and bend pulley support framing. Temporary repairs were made to the damaged 58 building in order to make the 58 bett train available for emergency use only if needed. Because Valmy use rehige on only conveyors 54 and 6.1 or full delivery of coal two conveyors used in indeme are required, conveyor 58 was required in the events 54 or to became dimaged or indexider of coal two gentros, it was determined a replacement was necessary. Quotes were received for a rebuild of the gearbox but it was determined a replacement was more contreffective.

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Project	Descr	V1	¥2	VC	Total	Purpose	Project Description/Justification
. isject			¥2	ΥC	iotai	, upos	type://www.intercommunication
		1					The plant was concerned with the safety and reliability of the van transportation fleet. The Valmy fleet was aging and reaching high mileage, traveling
		1					approximately 1,650 miles for maintenance and 4,575 miles for operations/fuels per month. The vans transport employees to and from the remote plant site,
		1					24 hours a day, seven days a week, which is a standard in northern Nevada set by local mining companies. The cost of the vans is partially offset by a payroll
		1					deduction from each employee haing in the van. This project replaced three of the existing nine vans, each van is over ten years old with between 150,000 to 256.000 miles
27555276	VALMY 98466597 VC VANS, REPLACE (3) VA			87,965	87,965	Reliability/Safety	Lagood mines.
		1					
		1					Production well 13 & 14 experienced damage to the pump. Production well 13 & 14 produce 300-400 gallons per minute each of raw water to supply the cooling tower basing on both units or the Size and Paw Water Tarks. Pendigrament of Production Well 13 & 14 behaviorate make up water supply
		1					cooling tower basins of not nins or the me and naw water rains, replacement of Production wen 15 & 14 me ped ensure adequate make up water supply to the cooling tower basins during summer peak operation.
27596244	VALMY 98494647 VC PRODUCTION WELL 13 & 14 REPLACEMENT VA			81,191	81,191	Reliability	
		1					
		1					This project was driven by safety and reliability concerns regarding the van transportation fleet. The Valmy fleet is aging and vans are reaching high mileage.
		1					Valmy replaced three vans out of the fleet of nine vans. Traditionally Valmy has leased the vans through Heet, Each Valmy van travels between 1,750 miles for militational (online) traditional of 100 miles for exercision (fund new meth). The plant workhow the three replacement works the lace through the set of the value of the three replacement works of the lace through the set of the three replacement works of the lace through the set of the value of the three replacement works of the lace through the set of the value of the three replacement works of the lace through the set of the value of the three replacement works of the three replacement works of the lace through the set of the value of the set of the value of the three replacement works of the set of the value of the set of the value of the v
		1					fleet, and discontinued the lease of the high mileage stated vars. The vans are needed for the transportation of the employees to and from the remote plant
		1					site. Company transportation is a standard in Northern Nevada set by local mining companies. The three vehicles replaced were the highest mileage vehicles,
		1					and had between 200,000 to 250,000 miles on each vehicle. By replacing these three vans the safety risk to employees from running high mileage vans was
		1					reduced. These vans are used in the 24x/ operation of the plant in transporting employees.
27582985	VALMY 98485334 VC VANS, REPLACE (3) VA	⊢ − − − −		78,206	78,206	Reliability/Safety	
		1					
		1					The primary and backup scrubber computer room air conditioning units were aging equipment and required frequent maintenance. Operating failures of the
		1					system had resulted in unit trips due to overneating of the bagnouse pollution control device that is located in the scrubber computer room, bagnouse solition, control device components and the HVAC units were repaired and returned to service but overheating issue was a requiring northolitiem. Replacement
		1					of both the primary and backup scrubber computer room air conditioning units was necessary to ensure reliable operation of U2.
27604612	VALMY 10087092 V2 SCRUBBER REPLACEMENT OF HVAC UNITS	1	65.043		65.043	Environmental/Safety	
			0010.00				
		1					The coal handling system is powered by two redundant 1000 KVA transformers. Both of the transformers have failed and were beyond economic repair so
		1					the system was being run on a temporary transformer that is close enough in design to be used for temporary purposes only. Two redundant transformers are necessary for reliable nonerbine. If not remedied and the temporary transformer were to fail the coal bandline relatem would no down until a new or
		1					revolution transformer is installed. The lead time for a new transformer is 8 to 10 weeks. This would result in a 100 percent derage of the units because there
		1					would be no coal delivery to the plant. These costs were associated with the purchase and install of two new transformers.
27506993	VALMY 98437320 VC UNIT SUB 5A 5B 1000 KVA DRY TRANSORMER RPL	⊢ − − − −		64,961	64,961	Reliability	
		1					The brickets is better supervise inits suffered demans from thermal supervise, such asid condensation and excise and follow use imminant. The
		1					the backton and reader expansion joint expansion, but states and an another than a state was and the state of the states of the
		1					thermal stress from cooling to ambient conditions when the unit is in reserve shutdown followed by heating back to operating temperatures in excess of 700
		1					degrees Fahrenheit. Continued operation would likely cause deterioration, which would have resulted in an outage or derate, as well as a potential safety
225 60526		1	c4 202		64,202	D. T W	concern and neat rate impact due to the not air leakage. This repair was critical for reliability and safety.
2/5085/0	VALMIT 98478100 VZ TRISECTOR AIR HEATER EXPANSION JOINT REFOR		61,203		61,203	Reliability/safety	
		1					In Anril 2019, the Linit 1 circulating water numn failed due to a motor ground fault. Abcent a circulating water numn in service. Linit 1 would be de-rated to
		1					approximately 125 net MW output, or half its normal load. The motor was sent to a contract repairs hop for evaluation where it was determined that a
		1					complete motor rewind was required. At the request of the Western Electricity Coordinating Council, and because of the four to six-week lead time
		1					associated with the repairs, a new replacement motor was purchased so that the plant could meet reliability and availability needs. The rewind was
		1					performed and used as a capital spare and a replacement motor was procured.
2/533144	VALMY 98459394 V1 CIRCULATION WATER PUMP 1A MOTOR, REPL	58,576			58,576	Reliability	
		1					The 2A Duluaritar motor failed due to an electrical short circuit to around. The maintenance team installed the canital share motor. This project replaced the
		1					U2 capital spare motor to ensure unit availability for full load to ground in the event of another puter instantiation of a puter treat and a puter treat an
		1					full load. The failed motor was sent out to be rewound to serve as the new capital spare motor for all the U2 pulverizers.
27598663	VALMY 10037777 V2 PULVERIZER 600 HP ELECTRIC	L	57,779		57,779	Reliability	
		1					U2 was forced offline by failure of the Generator Current Transformers. Replacement of the three Generator Current Transformers was necessary to be able
		1					to return the unit to operation.
27617793	VALMY 10146694 V2 GENERATOR CURRENT TRANSFORMER REPLACEMENT	<u>⊢</u>	51,317		51,317	Reliability	
1		1					In April 2019, one the Unit 1D pulverizer roll wheel assembly failed (each pulverizer has three roll wheel assemblies). Black Butte coal requires all four
1		1					pulverizers to achieve full load. At that time, one roll wheel assembly was replaced to bring the unit back online and available for full load. The other two roll
1							wheel assemblies were identified as in poor condition, but due to the timing of replacement parts not available and the need to gete the unit online for
27533145	VALMY 98459395 V1 D1 PLILVERIZER BOLL WHEEL ASSEMBLY DEDI	46.024			46.004	Raliability	summer road, it was decide to replace just the one roll wheel assembly.
27534969	VALMY 98455853 V2 PULVERIZER MOTOR 2D, REBUILD	40,784	44,287		44,287	Relability	
27611233	VALMY 10115633 V2 RECYCLED ASH AGITATOR GEARBOX FOR LOOP 1		43,832		43,832		
27609106	VALMY 10111518 V2 WATER LAB INSTRUMENTATION REPLACEMENT	<u>⊢</u>	42,056		42,056		
27556791	VALWEET 30492004 VZ CUNDENSATE PUMP CAPITAL SPAKE INSTALLATION VALMEY 98473462 VAL DMZ SERVER CLUSTER VA		40,991	37,130	40,991		
				,130		1	
1		1					In April 2019, the Unit 1 circulating water pump failed due to a motor ground fault. Absent a circulating water pump in service, Unit 1 would be de-rated to
1		1					approximately 125 net MW output, or half its normal load. The motor was sent to a contract repair shop for evaluation where it was determined that a semalate motor semicond with semicond at the semicond of the forest repairs shop for evaluation where it was determined that a
1		1					associated with the reading, a new realesement motor was purchased to that the plant could meet reliability and availability and was
1							performed and used as a capital spare and a replacement motor was procured.
27539686	VALMY 98459449 V1 1A CIRCULATING WATER PUMP M	35,960			35,960	Reliability	
2/534970	VALMY 98458824 V2 AUXILIARY STEAM DESUPERHEAT	<u>⊢</u>	34,947	24 ***	34,947		
2/00310/	VALIVIT 10074741 VU RO MEMBRANE REPLACEMENT 08/32			34,141	34,141		
1		1					
1		1					on occuper 32, 2012, use one 14 entrary At ear motor indoard bearing overneated and raised while in service. The motor indoard bearing alarm Sounded and upon inspection of the motor. Data bearonned discovered a large amount of smoke coming from the motor indoard bearing having. The motor was
1							shut down and replaced with the existing spare motor. The damaged motor was refurbished to become a spare Primary Air Fan motor. Unit 1 Primary Air
1							Fans are used to convey fluidized coal from the pulverizers to the boiler burner through attached coal conduit piping. Without both Primary Air Fans, Unit 1
1							could not reach stable operation and would have been curtailed until late December 2019 while the damaged motor was repaired. While the costs appear as 2020 plant additions, the work was performed on Linit 1 in 2019 but final costs did not clear to the project until early 2020.
335 43693		22.677				B - F - b 75 -	seese point seesies on the next was performed on one and add out the basis on the basis to the project when tany AUAU.

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	B					D	
Project	Pesu	V1	VZ	VC	Total	Purpose	Project Description/Justification
27551304	VALMY 98453212 V2 SKY CLIMBER ATTACHMENT PLATFORM, INSTALL		33,051		33,051		
27531065	VALMY 98454279 VALMY TECHNOLOGY SECURITY UPDA			30,781	30,781		
27587123	VALMY 98490976 VC CONVEYOR 2 GEARBOX			28,940	28,940		
27579435	VALMY 98486141 VC SYSTEM1 UPDATE			27,363	27,363		
							A fly ash blower is needed to convey ash in order to keep the bachouse hoppers from overflowing which would lead to an eventual unit shutdown.
							Inspection of the fly ash blower 18 after it began making unusual noises determined that the blower was not reliable for dependable service and failure was
							imminent due to internal wear and damage. Plant reliability is increased as replacing the 1B fly ash blower ensures that there is a redundant blower to convey
							ash and fluidize when needed to do so.
2/543/34	VALMY 98464825 V1 FLY ASH BLOWER 1B, REPLACE	25,802	25, 220		25,802	Reliability	
27609114	VALMIT 10107331 V2 POLVERIZER 600 HP ELECTRIC MOTOR REPLACEME		25,779		25,779		
27603199	VALINIT 10009417 V2 LIME TRANSFER BLOWER 2A REPLACEMENT		24,057	21.406	24,057		
27300780	VALINIT 5647 5026 VC RO MEMBRAINES, REPORCE 00/52		20.002	21,450	21,490		
27539090	VALINIT 98403011 V2 LIME TRANSFER BLOWER 2B, RE		20,983		20,983		
27570024	VALMIT 55476541 V2 BOILER DROWI WERLI REFL		20,339	10.053	10,053		
27577130	VALWI 30403331 VC EDI MODOLES, REPLACE 2		18.078	10,033	10,033		
27333141	VALWI 5545552 V2 131 FOINT HEATER DRAIN VALVE, REFL		10,078	16 902	16,078		
27506241	VALWE S8478101 VC DIGITAL ALIGIWIENT TOOL			16,652	16,652		
27590208	VALME 98493304 V2 CONDENSATE DUMP B MOTOR REDUCTIONENT		15 158	10,031	15 159		
27539683	VALMY 98455129 VC DATA LOGGERS REPLACE		15,150	14 967	14 967		
27522120	VALMIT SOUSSIES VE DRIVE DOUGLIS, RELACE			14,507	14,507		
11333133	Them sold so the miniter presentent			14,011	14,011		
							In August 2018 a steam leak to atmosphere from the pressure seal surface of the valve on Unit 1 was discovered. Disassembly and refurbishment was the
							only way repairs could be made to the valve to avoid the burn hazard of leaking steam to plant personnel and ensure continued reliability of the unit's
							operation.
27533143	VALMY 98459393 V1 1ST POINT FEEDWATER INLET VALVE, REFUR	14,564			14,564	Reliability/Safety	
27537126	VALMY 98459140 V2 REVENUE METER, UPGRADE		14,443		14,443		
							Mercury and Air Tavies Standards ("MATC") Bula 40 CED 52 10031 service a human and combustion control increasion and combustion tuning over thirty size
1							months furing the inspection completed in December 2017 similicant degraphics ware obtained on 21 themportunal and computed in the second
							months burning the hispectability completed in become zonity, significant degradations where notes on 22 thermic couples, 15 coal during assessing and origination accurated all humans. This sense of burde use identified as accurated to be completed to an extraordiated and allow sensitivated herbits assessing as
							renactory around an ourners. This scope of work was identified as required to be completed to meet regulations and allow continued oblief operation.
27502697	VALMY 98434354 V1 LOW NOX BURNER NOZZLES, REP	13,148			13,148	Environmental	
27557532	VALMY 98473888 VC ONSITE BACKUP HOST SERVER			12,989	12,989		
							Given Idaho Power's impending exit from Unit 1 operations, it is important to have in place a sufficient measurement infrastructure to properly account for
							both owners' utilization of each unit. Based upon NV Energy's review of the net megawatt ("MW") billing infrastructure, it was determined that Valmy lacked
							sufficiently accurate meters, totalizers, and communication infrastructure to reliably account for MW generation including transformer losses. At the time
							the Company joined the Energy Imbalance Market, the Valmy metering infrastructure had not been upgraded and instead relied on a mix of local readings
							from different meters and systems that did not always match. This project consolidates and standardizes Valmy net MW reporting by sending the data to the
							plant's distributed controls system, which then consolidates the information and reports it in a single, consistent value to each owner.
375 371 33	VALMAY 08450120 V/1 DEVENUE METER LIDCRADE	13 700			13 700	Poliobility.	
27569590	VALWIT 55455135 VI REVENUE METER, OF GRADE	12,703	11.641		11,641	Reliability	
27500965	VALMET SOLDADA VET OLIVERIZER ODDITE ELECTRIC MOTOR, ON STARE		10,200		10,200		
27602169	VALME 10074744 VC ALITOMATED COMPRESSION DEVICE		10,300	10 102	10,300		
27570420	VALWEI 10074744 VC AGTOWATED COMPRESSION DEVICE		10.099	10,102	10,102		
27597922	VALME 98492604 V2 CONDENSATE DUMP CARITAL SPARE INSTALLATION		9.642		9,643		
27307333	TACHT SUBJECT TE CONDENSATE FOR FOR THE STATE INSTALDATION		5,045		5,045		
							The block valve that supplies extraction steam to the Unit 1 st point feedwater heater failed in the closed position in July 2018. This valve serves to isolate
							the 1st point feedwater heater from turbine fed extraction steam and also protects the turbine from backflow/water induction by going to closed position
							when called on. The failure required the bypass of the 1st point feedwater heater affecting the plant reliability and diminishing the heat rate. This project
							refurbished the block valve.
27533147	VALMY 98459448 V1 1ST POINT HEATER EXTRACTION STEAM BLOCK VA	9,119			9,119	Reliability	
27591520	VALMY 98494614 VC WEST 1ST PASS RO MEMBRANE R			8,916	8,916		
27596255	VALMY 98496604 V2 FORCED DRAFT FAN B MOTOR REPLACEMENT VA		6,926		6,926		
							Pulverizers are utilized to grind coal to fine dust before being transported to burner fronts. This process wears out roll wheel assemblies, table grinding
							segments, and interior of pulverizer equipment. The normal operating life cycle of a Unit 1 pulverizer is roughly 18 to 24 months. Routine inspections are
							performed at 3,000 hours and required maintenance is performed to ensure the maximum life of the pulverizer rebuild. Major overhaul includes
							replacements of roll wheels, air seals, coal shields, bearings, wear resistant ceramic liners, classifier vanes, coal feeder wear components, spring frame wear
							plate, and the pyrites plow. In addition, the gearbox and lubrication system was refurbished and other associated welding and re-building was performed
1							due to erosions to the pulverizer housing and associated equipment. The purpose of this project is for the continued reliable operation of Unit 1.
27501116	VALMY 98427786 V1 PULVERIZER "B" MAJOR REBUILD	6,732			6,732	Reliability	
27545750	VALMY 98466598 VC UTILITY CARTS, REPLACE			6,268	6,268		
27591516	VALMY 98494358 VC EQUIPMENT WASH PIPING REPLACEMENT			5,915	5,915		
27570624	VALMY 98478541 V2 BOILER DRUM MERLI REPL		2,582		2,582		
27517150	VALMY 98442216 ACOUSTIC MONITORING SECU			2,051	2,051		
27545747	VALMY 98454282 OT PLANT TECHNICIAN TOOLS NORT			988	988		
							A mercury monitoring system is required for environmental compliance. The monitoring provisions apply to the measurement or total vapor phase mercury
							in emissions from sorbent trap monitoring systems that must be capable or measuring mercury in units or the applicable emissions standards. The existing
1							monitoring system softered natures requiring parts to be replaced and exhausted warehouse stock. While attempting to replensh the stock, it was determined that contemport and the soften and the soften attempting to replens the stock attempting to the soften attempting to replens the soften attem
							determined that replacement parts were no longer available. This project replaced the existing sorbent trap mercury monitoring equipment with units which
1							remaining address and mare parts reading available to maintain compliance. The majority of the project costs closed in 2018, with some
27502692	VALMY 98434198 V1 SORBENT TRAP MERCURY MONITO	929			929	Environmental	remaining durais closing in 2025.
27502694	VALMY 98434199 V2 SORBENT TRAP MERCURY MONITO		627		627	· · · · · · · · · · · · · · · · · · ·	
27587123	VALMY 98490976 VC CONVEYOR 2 GEARBOX			521	521		
27568635	VALMY 98476439 VC FPS DIESEL FIRE PUMP A ENGINE REBUILD			413	413	· · · · · · · · · · · · · · · · · · ·	
27619674	VALMY 10152570 VC ANNEX OFFICE BUILDING FLOOR REPL			295	295		
27603164	VALMY 10074746 VC UTILITY CARTS REPLACEMENT			263	263	· · · · · · · · · · · · · · · · · · ·	
		T					
27603165	VALMY 10065457 VC CRUSHER FEEDER MOTOR AND GEARBOX REPLACEME			229	229		
27509175	VALMY 98437316 VC RO MEMBRANES, REPLACE			92	92		
27556791	VALMLY 98473462 VAL DMZ SERVER CLUSTER VA			(28)	(28)		
27514789	VALMY 98443689 V1 ID FAN MOTOR 1B, REBUILD	(1,002)			(1,002)		
27570622	VALMY 98481652 VC 5B COAL UNLOAD CONVEYER BELT, REPLACE VA			(15,589)	(15,589)		
27440893	VALMY 98376800 VC PRODUCTION WELL #10 REPLACE			(109,095)	(109,095)		
Canad Tatal		416 860	6 012 220	1 761 6 42	0 101 027		

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BEFORE THE

IDAHO PUBLIC UTILITIES COMMISSION

CASE NO. IPC-E-23-11

IDAHO POWER COMPANY

BARRETTO, DI TESTIMONY

EXHIBIT NO. 3

DIVIDGEN FLAMT ADDITIONS, Jan 1. 2021 - Dec 31. 202	BRIDGER	PLANT	ADDITIONS:	Jan 1. 2	2021 - Dec	31.	2022
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Accounting	Droject	Description	111	112	112	114	Common	Tatal	Durnasa	Draiget Description / Justification
2021	27541813	BRIDGER 2019C091 U4 SCR CATALYST REPLACEMENT 20	01	02	03	04	common	TOLAI	Purpose	
2021	27541015					1,413,556		1,413,556	Environmental	Replaced two levels of Selective Catalytic Reduction ("SCR") catalyst as defined in the catalyst management plan. Current SCR design requires replacement of catalyst on a set cycle corresponding to major outages.
2021	27549354	BRIDGER 2020C010 U4 STACK LINER (PHASE 2) 20								This project extended the pin block liner to the mid level of the stack and was a continuation of the project to complete the line replacement. The project will prevent deterioration of acid brick lining and compression
2024	275 47200					897,531		897,531	Environmental Reliability /	bands.
2021	27547308	BRIDGER 2020C009 U4 BURNERS - MAJOR 20				648,381		648,381	Environmental	components have a 4-year life. Warpage causes less-than-optimal combustion.
2021	27503065	BRIDGER 2018C011 U4 PRECIPITATOR WIRE REPLACEMENT 20				575,461		575,461	Environmental	This project replaced discharge electrode wires in the precipitator. Without replacement, electrode wires will begin breaking at an increasing rate adversely impacting precipitator performance.
2021	27553266	BRIDGER 2020C016 BLANKET - PUMPS, VALVES, GEARBOXES 20					456,375	456,375	Reliability	These costs are associated with miscellaneous pumps, valves and gearboxes associated with several capital mechanical projects performed throughout the year.
2021	27553276	BRIDGER 2020C011 U4 SCRUBBER DUCTWORK 20				407.605		407.605	Environmental	Recoated scrubber ductwork and completed repairs as required. The project was required to maintain the integrity of the ductwork.
2021	27551439	BRIDGER 2020C035 U4 SCR AIR CANNONS 20								Installed online catalyst cleaning equipment to reduce ash pluggage. During several catalyst inspections on
						245 742		245 742		U4, ash buildup was observed on the front wall of the bottom two layers of the catalyst. This project installed
2021	27545744	BRIDGER 2020C004 HA BERT TRIP SYSTEM 20				315,/13		315,713	Environmental	This project replace the electro mechanical trip system as well as eliminate the mechanical over speed bolt on
2021	27545744									the boiler feed pump turbines. This is a triple redundant system. The existing system was over 30 years old
						308,162		308,162	Reliability/Safety	the upgrade.
2021	27533268	BRIDGER 2020C001 U4 LPA SCREEN REPLACEMENT 20								Installed a new large particle ash ("LPA") screen to maintain the optimal catalyst performance and service life. The LPA screens prevent the SCR catalyst from plugging. The catalyst is costly hardware that is used to
										produce the operating permit NOx value. The LPA screen typically has a 5 year life expectancy. U4 LPA
						291.847		291.847	Environmental	screens have experienced higher than expected failure in parts of the screen and this project is part of a warranty agreement.
2021	27549348	BRIDGER 2020C006 U4 PRECIPITATOR TR & CLR REPLACEMENT 20								Upgraded 18 transformer-rectifiers ("TR") and 18 Current Limiting Reactors ("CLR") in the precipitator.
						274.230		274.230	Environmental	Existing TRs and CLRs were reaching the end of their service life and had become unreliable. TR and CLR malfunctions can significantly impact precipitator performance.
2021	27551426	BRIDGER 2020C022 U4 WATERWALL COUTANT SLOPE INTERFACE PHA								This project replaced boiler side wall tubes at the interface with the coutant slope. Tube in this area
						252,486		252,486	Reliability	experiences increased ash erosion as compared to other areas of the boiler. Lubes had previously been pad welded numerous times and required replacement.
2021	27553282	BRIDGER 2020C052 U4 PRECIPITATOR DUCT WORK 20								The project was required to maintain the integrity of the ductwork. If the ductwork is not renaized and
						229,106		229,106	Environmental	recoated, the steel will be impacted by fly ash erosion. This impacts the structural integrity of the duct work.
2021	27575653	BRIDGER 2021C012 BLANKET - MILLS, PULVERIZER VERTICAL SHA								This work order allocates funds for major pulverizer overhauls. Approximately two pulverizers require major overhauls each year therefore these costs are associated with the replacement parts that were ordered in
							226,258	226,258	Reliability	advance to provide a quick turn-around time of the mills.
2021	27545655	BRIDGER 2019C094 U4 EHC PUMPS SKID UPGRADE 20								obsolete equipment. It was difficult and costly to find service shops that could rebuild the pumps. Having
						218,633		218,633	Reliability	contemporary pumps will also increase reliability and serviceability.
2021	27493693	BRIDGER 2017C110 U4 BOILER OPTIMIZATION SYSTEM 17								optimizer seeks to lower emissions (NOx and CO) while minimizing heat rate. Other targets such as steam
										temperatures, oxygen controls, and Regional Haze requirement emission restriction profiles can also be set. Results achieved on 112 are a 65 BTI //kWb reduction in the net unit heat rate with the combustion ontimizer.
										alone; other power plants have experienced an additional 0.5% improvement in heat rates as a result of the
2021	27547299	RPIDGER 2019C005 LIA ARS INLET TURNING VANES 20				217,915		217,915	Reliability	soot blowing optimizer.
2021	2,54,255									The project involved the installation of turning vanes and flow straightening devices to ensure uniform flow
						202,986		202,986	Environmental	flow recirculation at the absorber inlet and equal distribution of how in an absorbers. These devices will also reduce flow recirculation at the absorber inlet hence reducing slurry to flow back into absorber inlet plenum.
2021	27549359	BRIDGER 2020C015 U4 #42 BOILER FEED PUMP REBUILD 20				100.417		100 417	Reliability	This project rebuilt the boiler feed pump and replaced the pump casing. It was required to assure proper
2021	27549360	BRIDGER 2020C021 U4 NUVA FEEDER PIPING REPLACEMENT 20				155,417		155,417		Replacement of the Nuva feeder piping. The existing piping was reaching the end of its life and was starting to
2021	27575652	BRIDGER 2021C003 BLANKET - PLIMPS VALVES GEARROXES 21				197,957		197,957	Environmental	deteriorate. The piping replacement maintains the integrity of the system. These costs are associated with miscellaneous pumps, valves and gearboxes associated with several capital
	27575052						195,757	195,757	Reliability	mechanical projects performed throughout the year.
2021	27573809	BRIDGER 2020C074 U4 ECONOMIZER OUTLET TURNING VANE 20								This area is subject to fly ash erosion to structural supports and duct work. This project restored turning vanes
						189.477		189.477	Reliability	that had been worn through by fly ash. The support structure and turn vanes are directly over the air pre- heater. This material can fall onto the air pre-heater and stop the rotor which will cause a unit trip.
2021	27583201	BRIDGER 2021C021 U0 BCP MOTOR REWINDS & COOLERS 21								This work order includes casts according of with the rebuild of a failed baller circulating sume for future reluxed
										Absent the spare boiler circulating pump, a typical rebuild time is at least 2 months which would impact unit
2021	275 47202						184,447	184,447	Reliability	generation for the time period that one of the boiler circulating pump is out of service. This project replaced existing motor and Load Control Center transformer feeder breaker relays with new
2021	2/54/293	BRIDGER 2019C082 04 REPLACE 7200 VAC BUS RELATS 20								solid state relays on U4 because the existing relays are obsolete. The new relays provide enhanced diagnostic
2021	27551428	BRIDGER 2020C025 U4 PA DUCT INSPECT AND REPAIR 20				182,230		182,230	Reliability/Safety	and monitoring capability.
-										Inspected and repaired the primary air duct, including the required scaffolding and insulation work. The primary air ducts had developed leaks over years of operation. The cracks and holes that were visible were
										repaired during unit outages; however, the insulation on the hot air duct and the height of the vertical duct
						197 177		192 127	Reliability	continue to limit the inspection view. This project enabled a more complete inspection and repair to restore the ductworks ability to supply adequate primary air pressure for full load
2021	27507255	BRIDGER 2018C088 GREEN RIVER 3500 VIBRATION MONITORING SY				102,137		102,137	NeidUllity	The existing Emercon 4500 was obsolete and no longer supported by Emercon A pow Poeth Neurodo 2500
										was installed on the green river pump station. The Continuous Vibration Monitoring System provides real
	1		1	1	1	1		1	1	time vibration shutdown protection for the six Green River pumps. This upgrade was necessary in order to
										have OEM support, and to standardize this system with the rest of Bridger's on-line monitoring systems. This

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Accounting										
Year	Project	Description	U1	U2	U3	U4	Common	Total	Purpose	Project Description/Justification
2021	27551444	BRIDGER 2020C046 U4 INSTALL NEW AIR FLOW PROBES 20							Reliability /	Installed new secondary air flow monitors. Unit operation at low load requires increased accuracy of boiler air
-						174,584		174,584	Environmental	load.
2021	27549363	BRIDGER 2020C024 U4 SDCC WEAR PLATE LOAD SIDE 20								Purchased and installed AR500 wear plates for the U4 submerged drag chain conveyor, which removes ash
										from the bottom of the boiler. The original wear plates were installed in 2012 and had reached the end of
			_			165,783		165,783	Reliability/Safety	their 8 year design life.
2021	27559516	BRIDGER 2020C075 REPLACE PULVERIZER JOURNALS								The project replaced pulverizer journals which were beyond economical repair. The purchase of journals help
							100 334	100 334	Delle biller	to maintain pulverizer availability. Underground coal has proven to be more abrasive which leads to
			_				160,334	160,334	Reliability	Increased journal wear. This project overbauled the mini drag-chains that transport ash from the SCP large particle ash hopper to the
2021	27549352	BRIDGER 2020C008 04 LPA SCR COLLECTION/TRANSFER CNVYR 20								drag chain hopper. Benlacement of components are required to operate the equipment reliably for the next
						139.597		139.597	Environmental	four vears.
2021	27475574	BRIDGER CITC2017C207 BACKUP BANDWIDTH UPGRADES 2017								This project upgraded the radio communications at the plant. Contact with personnel including technicians
2021	21473374									and maintenance needed improvement by adding some off the circuits and increasing the bandwidth in and
							130,809	130,809	Reliability	around the plant.
2021	27549367	BRIDGER 2020C045 U4 APH SEAL REPLACEMENT 20								
										Replaced all hot end and cold end seals in both air pre-heaters during major overhaul. Air pre-heater seals
										have to be set with an interference fit to reduce air leakage at operating temperatures. The interference fit
						130,390		130,390	Reliability	will cause additional wear during shutdowns and startups, leading to excessive air leakage.
2021	27551441	BRIDGER 2020C041 U4 EX-2100E CONTROL UPGRADE & PARTS 20								Opgraded the EX2100 control system with an EX2100e digital front end excitation system retront. The O4
										system was installed 12 years ago and the hardware, circuit board, and control interface had become
						120.262		120 262	Boliobility	upgrade to the new EX2100e control surface
2021	27552201		-			125,205		129,203	Reliability	apprade to the new EX2100e control system.
2021	27555261	BRIDGER 2020C050 04 DCS WINOR 20								Replaced failed Distributed Control Systems ("DCS") component. The plant has moved from a 4 year major
						123.134		123.134	Reliability	DCS component Evergreen cycle to an 8 year cycle. Work stations and monitors have a 4 year life.
2021	27551452	BRIDGER 2020C057 U4 RETRACTS & WATER INJECTION PENETRATIO								Installed equipment to help burn a better coal quality. Bridger Coal Company is delivering fuel that contains
										higher sodium, calcium and iron. Coal with these constituents result in accumulations of fouling and plugging
										of the boiler. This results in load reductions and forced outages. The plant installed hardware that will burn
						122.268		122.268	Reliability	the supplied coal without negatively impacting the boiler.
2021	27545743	BRIDGER 2019C101 U4 TURBINE BEARING FIRE DETECTION/SUP 20								
										Install of an automatic pre-action closed-head sprinkler system to protect the turbine generator bearings on
										the unit and mitigate the risk of fire damage to the turbine generator and the plant. This project will help
						121,474		121,474	Reliability/Safety	reduce the risk of turbine bearing fire damage and was identified through a risk audit.
2021	27549361	BRIDGER 2020C023 U4 PRECIP DAMPER LIMITORQUE REPLACE 20								While we have been added as a contract of the fill according to the formation of the second side of the fill of th
										I his project included the purchase and install new Limitorque drives on the precipitator inlet and outlet
										dampers and was needed to maintain reliable operation of the precipitator and allow maintenance repairs to
						112.405		112.405	En la recentel	be completed with the unit on-line. High availability of network systems used to communicate with customers is actively to maintaining afficient and affective business expections as well as meeting sustamers expectations
			-			112,405		112,405	Environmental	This project replaced 6 discharge electrode rappers in A fields. 5 collector electrode rappers in A Fields and A
2021	2/580827	BRIDGER 2021C023 04 PRECIP CE/DE KAPPER REPLACEMENT 21								CE rappers in B fields. Electrostatic precipitator removes fly ash from the gas. Opacity is used to quantify the
										effectiveness of precipitator. Precipitator consists of highly charged electrodes and collecting electrodes to
						111.888		111.888	Environmental	collect fly ash.
2021	27551448	BRIDGER 2020C055 U4 APH SECTOR PLATES 20						1	Reliability	Replaced the two worst sector plates on each unit. Sector plates have reached their effective life after 35
						110,624		110,624		years of use. Warped sector plates result in excessive air pre-heater leakage.
2021	27549357	BRIDGER 2020C012 U4 FLAME SCANNER 20								Replaced the 12 flame scanners on U4. The supplier was no longer manufacturing spare parts for the existing
						102,853		102,853	Reliability	scanners. The scanners are integral in the boiler operation.
2021	27575902	BRIDGER 2020C040 U4 COAL PIPE REPLACEMENT 20								This project replaced the coal pipes from the pulverizers to the boiler that had high wear due to the
1	1			1	1					abrasiveness of the coal. Over time the coal flowing through the pipes will develop high wear areas and
	1			1	1					thinning of the steel coal pipes, mostly at the elbow. If the pipes are not replaced, the high wear areas will
1	1			1	1					wear through and pulverized coal and air from the primary air fans will be blowing into the power plant
	I	l		I	I	100,188		100,188	Reliability/Safety	causing a hazard to employees and lost efficiency in the boiler.
2021 Total						8 849 280	1 534 411	10 383 691		

Accounting										
Year	Project	Description	U1	U2	U3	U4	Common	Total	Purpose	Project Description/Justification
2022	27602389	BRIDGER 2022C016 U0 BLANKET- PUMPS, VALVES, GEARBOXES 22					555.832	555.832	Reliability	mechanical projects performed throughout the year.
2022	27595046	BRIDGER 2021C042 U2 BURNERS MAJOR 22					555,052	555,652	Reliability /	Replaced burner (nozzle tip) components and repaired other damaged/warped hardware. Most burner front
				405,663				405,663	Environmental	components have a 4-year life. Warpage causes less-than-optimal combustion.
2022	27597944	BRIDGER 2022C001 U2 DCS MAJOR 22								
				400.065				400.065	Boliobility	This project upgraded the DLS software and select power supplies and controllers. DLS software is upgraded
2022	27613523	BRIDGER 2022C045 UD REBUILD ERAME UR D-10T DOZER 22		400,503				400,503	Reliability	on an eight year cycle and hardware is replaced as necessary to be compatible with the software.
2022	27013525									This project rebuilt the D-10T Dozer with the highest operating hours/in the worst condition to maintain fleet
										reliability. D-10Ts are required for coal delivery to the plant. Equipment operating hours reached OEM
							313,469	313,469	Reliability/Safety	recommended limits for major rebuilds. Maintenance costs and downtime had been increasing.
2022	27575650	BRIDGER 2020C0/6 U2 REPLACE 25 FEEDWATER HEATER 21								resulting in a delay before repairs to the feedwater system could begin. The new drains will drain the system
										in half the time and return the water to the condensate system for reuse rather than dumping the hot water
				245,336				245,336	Reliability	to the floor.
2022	27483895	BRIDGER 2017C035 U2 REPLACE EPOXY LINER IN CW TUNNELS 17								The epoxy liner installed in the circulating water pipelines beneath the power building floor had partially
				244,537				244,537	Reliability/Safety	failed, requiring replacement. This project replaced the failed epoxy liner.
2022	27597953	BRIDGER 2022C015 U2 EHC PUMPS REPLACEMENT 22		223 574				223 574	Poliability	were difficult to maintain
2022	27597951	BRIDGER 2022C012 112 WATERWALL COLITANT SLOPE INTERFACE PHASE		223,374				225,574	Nellability	This project replaced boiler side wall tubes at the interface with the coutant slope. Tubing in this area
LOLL	27557551									experienced increased ash erosion as compared to other areas of the boiler. Tubes had been pad welded
				222,866				222,866	Reliability	numerous times and need to be replaced.
2022	27602391	BRIDGER 2022C030 U2 REPLACE ECON OUTLET TURNING VANES 22								This area is subject to fly ash erosion to structural supports and dust work. This project restored turning vanes
										that have been worn through by fly ash. The supports thructure and turn vanes are directly over the air pre-
				204,776				204.776	Reliability	heater. This material can fall onto the air pre-heater and stop the rotor which will cause a unit trip.
2022	27551450	BRIDGER 2020C056 U4 ACOUSTIC LEAK DETECTION SYSTEM 20	1							Installed acoustic leak detection in boiler for detection and monitoring of tube leaks. Provides early detection
_						176,915		176,915	Reliability	and scheduling of tube leak repairs.
2022	27602387	BRIDGER 2022C008 U2 SCRUBBER DUCTWORK 22								
				166 210				166 210	Environmental	the steel will continue to corrode. This impacts the structural integrity of the duct work
2022	27602388	BRIDGER 2022C009 112 PRECIPITATOR DUCTWORK 22		100,210				100,210	chvironmental	the section contained to controle. This implies the structure integrity of the duct work.
2022	27002300									The project was required to maintain the integrity of the ductwork. If the ductwork is not repaired and
				154,319				154,319	Environmental	recoated, the steel will be impacted by fly ash erosion. This impacts the structural integrity of the duct work.
2022	27597961	BRIDGER 2022C017 U2 HP TURBINE PACKING 22		454.040				454.040		This project replaced the U2 high pressure turbine packing with new packing to restore efficiency. With the
2022	27602284	REIDGER 2022C002 112 STACK RREECH CONTING 22		151,812				151,812	Reliability	new packing, it is expected that the heat rate will improve by 27 B10/kwh.
2022	27002384	BRIDGER 2022C005 02 STACK BREECH COATING 22								high wear area and if not renaired and/or replaced will lead to excessive leaking and could lead to
									Environmental /	environmental violations. This could also be a hazard to employees if there is leaking flue gas where
				138,797				138,797	Safety	employees might be working.
2022	27559555	BRIDGER 2020C086 U0 REDUNDANT SODA LIQUOR SUPPLY LINE	1							Installed redundant soda liquor supply line, in case repairs are required on the existing soda liquor supply line
							134,591	134,591	Environmental	to prevent unit derates or outages.
2022	27575652	BRIDGER 2021C003 BLANKET - PUMPS, VALVES, GEARBOXES 21					120.009	120.009	Boliobility	I nese costs are associated with miscellaneous pumps, valves and gearboxes associated with several capital mechanical projects performed throughout the year.
2022	27507046	BRIDGER 2022C004 112 SLMS HR LIRGRADE 22					130,908	130,508	Reliability	This project replaced the Stator Leak Monitor System ("SLMS") on U2. The components on the U2 SLMS were
2022	27557540	510561125226004 02 5105111 01 01002 22								approaching end of life. The monitoring of hydrogen leakage into the stator water cooling system is a good
				130,829				130,829	Reliability/Safety	indicator on the overall health of the machine's insulation system.
2022	27607052	BRIDGER 2022C031 U2 APH SECTOR PLATES 22								Replaced the two worst sector plates on each unit. Sector plates have reached their effective life after 35
2022	2700042			130,526				130,526	Reliability	years of use. Warped sector plates result in excessive air pre-heater leakage. This project upgraded the existing outdated station breaker relays that were a safety concern due to arc flash.
2022	27600043	BRIDGER 2022C019 02 7200 LCC RELAY ARC FLASH UPGRADE 22								hazards. The plant has been replacing the old relays with arc flash compliant relays that will significantly
				126,971				126,971	Safety	reduce the hazard or arc flash incidents to plant personnel.
2022	27566689	BRIDGER 2020C088 U0 MILL DISCHARGE VALVE REPLACE 21								
1										I his project replaced mill discharge valves on the units to isolate the supply of fuel to the boiler and will
							126 /15	126 /15	Poliability	wear out as they remain in the abrasive coal flow, but the replacement valves are he designed with longer life
2022	27604648	BRIDGER 2022C033 U2 APH SEAL REPLACEMENT 22	1	1			120,415	120,415	renability	
	2. 301010		1							Replaced all hot end and cold end seals in both air pre-heaters during major overhaul. Air pre-heater seals
			1							have to be set with an interference fit to reduce air leakage at operating temperatures. The interference fit
2022	27505047		+	110,702				110,702	Reliability	will cause additional wear during shutdowns and startups, leading to excessive air leakage.
2022	27595047	BRIDGER 2022C011 UZ PRECIPITATOR RAPPERS 22	1	100.969				100 969	Environmental	reaching their end of life.
2022 Total			-	3,158,849	-	176,915	1.261.215	4,596.979		· · ·
Grand Total - Pre	viects Over \$100k		1 .	3 158 849	_	9 026 195	2 795 626	14 980 670		

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No.ProblemProbatingPro	Veer	Decicet	Description	111	112	112	114	Common	Total	Durnasa	Project Description / Justification
Constrain Constrain <thconstrain< th=""> <thconstrain< th=""> <thc< td=""><td>Tedi</td><td>Project</td><td>Description</td><td>01</td><td>02</td><td>03</td><td>04</td><td>Common</td><td>I ULdi</td><td>Purpose</td><td>Project Description/Justification</td></thc<></thconstrain<></thconstrain<>	Tedi	Project	Description	01	02	03	04	Common	I ULdi	Purpose	Project Description/Justification
Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add Add<	2021	27569520	BRIDGER 2020C093 REPLACE PLANT VEHICLES 20					99,571	99,571		
2011 201141 Binded Book Standard Ling Stand	2021	27559520	BRIDGER 2020C082 U4 LOADOUT CONVEYOR PLATFORM				98,763		98,763		
2011275076BROUT 2012 13 LIA 200 AN YOZA 10 TUN VARCE 1IIIII2012275076BROUT 2012 DE ANT VART AND YOZA 10II <td< td=""><td>2021</td><td>27551442</td><td>BRIDGER 2020C044 U4 ECONOMIZER HARMONIC BAFFLES 20</td><td></td><td></td><td></td><td>93,701</td><td></td><td>93,701</td><td></td><td></td></td<>	2021	27551442	BRIDGER 2020C044 U4 ECONOMIZER HARMONIC BAFFLES 20				93,701		93,701		
2011 27543 Bindford 2014; Bind Andona Andona K. Marine 0	2021	27569745	BRIDGER 2020C103 U4 SCR ADD AIR NOZZLES @ TURN VANES 21				91,162		91,162		
2011 2758/00 BIDDER SOLCOME LANKET - MOTORS 21 Import ROOMS 67286 Model ROOMS ROOMS Model ROOMS ROOMS 2758/01 BIDDER SOLCOME LANKET - MOTORS 21 Import ROOMS Import ROOMS 75381 Model ROOMS ROOMS 2758/01 BIDDER SOLCOME LANKET - MOREN LATENCE Import ROOMS Import ROOMS 75381 Import ROOMS 2758/01 BIDDER SOLCOME LANKET ROOMS Import ROOMS Import ROOMS Import ROOMS 75381 Import ROOMS 2758/01 BIDDER SOLCOME LANKET ROOMS Import ROOMS Import ROOMS Import ROOMS 75381 Import ROOMS 2758/01 BIDDER SOLCOME LANKET ROOMS Import ROOMS Import ROOMS Import ROOMS Import ROOMS Import ROOMS 2758/01 BIDDER SOLCOME LANKET ROOMS Import ROOMS Import ROOMS Import ROOMS Import ROOMS Import ROOMS 2758/01 BIDDER SOLCOME LANKET ROOMS Import ROOMS Impo	2021	27549345	BRIDGER 2019C103 U4 AMMONIA MONITOR				91,000		91,000		
20112756775BRUDER SOUCIDE HAVEN FLANT FLANT SOUCS 20II	2021	27583200	BRIDGER 2021C002 BLANKET - MOTORS 21					87,265	87,265		
273463 BINDER 2000004 AL 0018 LOS MILLAN TURNAMOS 19 IN IN <t< td=""><td>2021</td><td>27569735</td><td>BRIDGER 2020C102 REPAVE PLANT ROADS 20</td><td></td><td></td><td></td><td></td><td>79,203</td><td>79,203</td><td></td><td></td></t<>	2021	27569735	BRIDGER 2020C102 REPAVE PLANT ROADS 20					79,203	79,203		
D211275691800678 200503 UP AUT LIGHT MARKENY MAYS 20<	2021	27545653	BRIDGER 2019C068 03A & 03B BUS RELAY UPGRADES 19					75,607	75,607		
3211 27885 80068 201000 H SUNKET UPGARG 22 NY MOREBAST BALKET 75.80 75.80 75.80 75.80 2710 80068 200001 H SUNKET UPGARG 22 NY MOREBAST BALKET 60.80 2710 80068 200001 H SUNKET MUND YY A HALKET BALKET ADD 67.81 2711 80068 200001 H SUNKET MUND YY A HALKET BALKET ADD 67.81 2712 80068 200001 H SUNKET MUND YN ALLET BALKET ADD 2714 80068 200001 H SUNKET ADD SUNKET SUNKET MUND YN SUNKET ADD SUNKET HUND YN SUNKET ADD SUNKET SUNKET SUNKET ADD SUNKET ADD SUNKET ADD SUNKET ADD SUNKET ADD SUNKET ADD SUNKET SUNKET ADD SUNKET SUNKET ADD SUNKET SUNKET ADD SUNK	2021	27566691	BRIDGER 2020C053 U0 PLANT LIGHTING IMPROVEMENTS 20					75,351	75,351		
2011273.83800GR 2016.001 M MBR.OW PENCE REPLACEMENT 20 <td>2021</td> <td>27578625</td> <td>BRIDGER 2021C006 U4 BLANKET UPGRADE 7.2 KV MAGNEBLAST BREAKE</td> <td></td> <td></td> <td></td> <td>73,680</td> <td></td> <td>73,680</td> <td></td> <td></td>	2021	27578625	BRIDGER 2021C006 U4 BLANKET UPGRADE 7.2 KV MAGNEBLAST BREAKE				73,680		73,680		
2011275.527.38806CR 2002/07 SEMULO 777 ASH MULLER PAAL MULP PAALII <th< td=""><td>2021</td><td>27549344</td><td>BRIDGER 2016C031 U4 MERCURY DEVICE REPLACEMENT 20</td><td></td><td></td><td></td><td>71,261</td><td></td><td>71,261</td><td></td><td></td></th<>	2021	27549344	BRIDGER 2016C031 U4 MERCURY DEVICE REPLACEMENT 20				71,261		71,261		
2772-648BINDER 3202003 US SUC LINERS/FILL REPRACEMENT 200Image: Constraint of the cons	2021	27555273	BRIDGER 2020C072 REBUILD 777 ASH HAULER FRAME UP (A) 20					69,663	69,663		
2h45Y46 MIDGRE 2002014 UA BHT ACUC OU NUMS 30 Image: Control NUMB IDER REPACCIMENT 20 Image: Control NUMB IDER REPACCIMENT 2000 VI UN REPACTION 20 Image: Control NUMB IDER 200000 VI UN REPACTION 20 Image: Control NUMB IDER 200000 VI UN REPACTION 20 Image: Control NUMB IDER 200000 VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION VI UN REPACTION 20 Image: Control NUMB IDER 20000 VI UN REPACTION VI UN REPACCINC VI UN REPACTION VI UN REPACCINC VI UN REPACTION VI UN REPACCINC VI UN REPACTION VI UN REPACTION VI UN REPACTION VI UN REPACTION VI UN REPACCINC VI UN REPACCI	2021	27575648	BRIDGER 2020C065 U4 SDCC LINER/SHELL REPLACEMENT 2020				67.491		67.491		
2011 2753/78 BNDGRE 2000/27 / 450/CT ///SUB ULP, REPACE/MAY 70 Image: Control of	2021	27545746	BRIDGER 2020C014 U4 BEPT AC/DC OIL PUMPS 20				67,173		67,173		
2011 2755127 HB/GRF 202002 HU/SRADE COULING TOWER VPD 30 Image: Control Cont	2021	27553278	BRIDGER 2020C027 LI4 SDCC TU/SUB IDLER REPLACEMENT 20				63,910		63,910		
Solid Zysewar Binder Accounces Market P-State Market P-State Market P-Market P-State Market P-Market P-State Market P-Market P	2021	27553270	BRIDGER 2020C002 UA URGRADE COOLING TOWER VEDS 20				63,874		63,874		
Chart Constraint Constraint </td <td>2021</td> <td>27535272</td> <td>BRIDGER 2020C00E BEDIACE EX 2100 HMI COMPLITERS 20</td> <td></td> <td></td> <td></td> <td>05,074</td> <td>62 627</td> <td>62 627</td> <td></td> <td></td>	2021	27535272	BRIDGER 2020C00E BEDIACE EX 2100 HMI COMPLITERS 20				05,074	62 627	62 627		
Data Display Bindoef 2000039 blanker: AlleCharkaning 2 Juncelle works. Display Display Display Display D21 27551431 Bindoef 2000039 blanker: AlleCharkaning 2 Juncelle works. Display Display Display Display D21 27551430 Bindoef 2000039 blanker: AlleCharkaning 2 Juncelle works. Display Display Display D21 2755248 Bindoef 2000039 blanker: AlleCharkaning 2 Juncelle works. Display Display Display D21 2756921 ALSONCO29 blanker: Workshof 2 Juncelle Works	2021	27343347	BRIDGER 2020C003 REPEACE EX-2100 HIVE CONFOTERS 20					03,027	03,027		
0.11 2753143 BNIDER ADX2005 LOWNET - LECL INCLUMENT ATION 20 98.60 39.60 39.60 011 2755143 BNIDER ADX2005 LOWNET ALCOME COMMENTATION 20 56.69 56.699 011 2755526 BNIDER ADX2005 LACT TAGE SYSTEM UPGADES 20 56.699 56.699 011 2755692 PAC-SPONS COAL INM ENDER ADX2005 LACT TAGE SYSTEM UPGADES 20 51.26 53.25 011 2755692 PAC-SPONS COAL INM ENDER ADX2005 LACT TAGE SYSTEM S20 52.711 53.26 53.26 011 2755692 BNIDER ADX2005 LACT AND REPLACE FPU 62.711 51.456 51.456 011 2756927 BNIDER ADX2005 LACT AND REPLACE FPU MAINS TO COND 20 47.882 47.882 011 2756957 BNIDER ADX2005 LAVE PLAYS LIMBER AND ADM STO COND 20 47.882 45.882 011 2756957 BNIDER ADX2005 LAVE AND ADM STO COND 20 43.564 45.366 011 2756957 BNIDER ADX2005 LAVE AND ADM STO COND 20 43.564 45.862 011 2756957 BNIDER ADX2005 LAVE AND ADM STO COND 20 43.564 45.366 011	2021	27501049	BRIDGER 2020C092 00 CONTRACTOR PARKING GATE 2 CONCRETE WORK					61,391	61,391		
AU1 1/PS1480 BRIDGER 20/2003 (PLATTMACE STATEM UPGRADES 20 0 58.811 56.969 56.969 2011 1755288 BRIDGER 20/2003 (PLATTMACE STATEM UPGRADES 20 0 0 55.825 55.825 2011 1755280 BRIDGER 20/2003 (PLATTMACE STATEM UPGRADES 20 0 55.825 55.825 2012 1755280 BRIDGER 20/2003 (PLATTMACE STATEM ADRAGE STATEM 20 0 55.825 55.825 2012 1755380 BRIDGER 20/2003 (PLATTMACE STATEM STATEM 2000) 0 52.711 0 55.825 2012 1755387 BRIDGER 20/2003 (PLATTMACE STATEM STATE	2021	2/551431	BRIDGER 2020C031 BLANKET - ELECTRICAL/INSTRUMENTATION 20					59,620	59,620		
2021 2755526 BINDER 2020030 HART TARE SYSTEM UPGNREADES 2.0 Image: Constraint of the constraint of t	2021	27551430	BRIDGER 2020C026 U4 COVER ECONOMIZER HOPPERS 20				56,811		56,811		
2724 9825 BRIDGER 2020C039 BLANKET UPGRADE 7.2K WAGNEBLAST BEAKE Image: Constraint of the constrain	2021	27555268	BRIDGER 2020C030 HEAT TRACE SYSTEM UPGRADES 20					56,699	56,699		
202127560201PAC sp00x 100x 11M BRIDGER REPLACE PUImage: Constraint of the specific con	2021	27549365	BRIDGER 2020C029 BLANKET UPGRADE 7.2 KV MAGNEBLAST BREAKE					55,825	55,825		
20212755380BRIDGER 2020034 UC COULNG TOWER FAN BRAKE SYSTEMS 2052,711652,711202127591387BRIDGER 20200313 UL REPLACE MODYING SYSTEMS 21/26647,88247,882202127569857BRIDGER 2020035 UL GEOLONING TOWER FAN BRAKE SYSTEMS 206646,3666202127580875BRIDGER 2020035 UL GEOLONING TOWER FAN BRAKE SYSTEMS 20644,50044,50044,500202127580875BRIDGER 2020035 UL GOOLING TOWER FAN BRAKE SYSTEMS 20644,50044,50044,500202127580875BRIDGER 2020035 UL GOOLING TOWER FAN BRAKE SYSTEMS 20644,50044,50044,500202127580875BRIDGER 2020035 UL GOOLING TOWER FAN BRAKE SYSTEMS 20644,50044,50044,500202127580875BRIDGER 2010070 BLANKET - FLECTRICAL/INSTRUMENTATION 21643,54644,53044,530202127580825BRIDGER 2010070 BLANKET - SKARW LPGRARES 21639,99099006202127580825BRIDGER 2020013 UL BALKET LEVER MERU PERULENT 2036,93436,03866202127580825BRIDGER 2020013 RANKET LEVER MERU PERULENT 2036,93436,03866202127580825BRIDGER 2020013 RANKET LEVER MERU PERULENT 2036,93436,03866202127580825BRIDGER 2020013 RANKET LEVER MERU PERULENT 2036,93436,03866202127580825BRIDGER 2020003 RANKET MERU PERULENT 21636,038	2021	27560921	PAC-SPONS JOOA: JIM BRIDGER REPLACE EPU					53,296	53,296		
221227593798RIDGER 2019C034 UD REPLACE ROOFING SYSTEM 21Image: Constraint of Constraint System Remains To COND 2000Image: Constraint System Remains To COND 20000Image: Constraint System Remains To COND 20000Image: Constraint System Remains To COND 200000Image: Constraint System Remains System	2021	27553280	BRIDGER 2020C034 U2 COOLING TOWER FAN BRAKE SYSTEMS 20		52,711				52,711		
20212754939BRIDGER 2020C0131 WEEEDWATER SYSTEM DRAINS TO COND 20II <th< td=""><td>2021</td><td>27591387</td><td>BRIDGER 2019C034 U0 REPLACE ROOFING SYSTEM 21</td><td></td><td></td><td></td><td></td><td>51,456</td><td>51,456</td><td></td><td></td></th<>	2021	27591387	BRIDGER 2019C034 U0 REPLACE ROOFING SYSTEM 21					51,456	51,456		
2D212753351BIDGER 202007354 LC OUNG TOWER FAM BARKE SYSTEME PLANTII <t< td=""><td>2021</td><td>27547309</td><td>BRIDGER 2020C013 U4 FEEDWATER SYSTEM DRAINS TO COND 20</td><td></td><td></td><td></td><td>47,882</td><td></td><td>47,882</td><td></td><td></td></t<>	2021	27547309	BRIDGER 2020C013 U4 FEEDWATER SYSTEM DRAINS TO COND 20				47,882		47,882		
20212753831BINDER 2020036 U4 GOOLNG TOWER FAN BRAKE SYSTEMS 2020212758017BINDER 2020058 U4 SOC REPLACE DEWATENING SLOPE 20	2021	27569857	BRIDGER 2020C073SEWER SEWER PIPES LINERS- JIM BRIDGER PLANT					46,346	46,346		
20212758072BRIDGER 2020C0SB UA SDCC REPLACE DEWATERING SLOPE 20II	2021	27553351	BRIDGER 2020C036 U4 COOLING TOWER FAN BRAKE SYSTEMS 20				45,882		45,882		
2021275372BNDGER 2019C083 U3 STACK OPACITY MONITOR HEATING 19Image: Market Packet Market Mar	2021	27580817	BRIDGER 2020C058 U4 SDCC REPLACE DEWATERING SLOPE 20				44,550		44,550		
202127580822BINGGER 2021CO28 BLANKET - ELCTRICAL/INSTRUMENTATION IImage: Construction of the state of the	2021	27547327	BRIDGER 2019C083 U3 STACK OPACITY MONITOR HEATING 19			43,546			43,546		
27580826 BRIDGER 2021C022 BLANKET LCC SWITCHGEAR & XFMR UPGRADES 21 Image: Constraint of the co	2021	27580822	BRIDGER 2021C007 BLANKET - ELECTRICAL/INSTRUMENTATION 21					42,360	42,360		
27575904 BRIDGER 2020C104 U2 PRCIP INTERLOCK PANEL REPLACEMENT 20 36,934 6 36,934 6 36,934 6 2021 27551347 BRIDGER 2020C013 BLANKET - SMALL TOOLS 20 6 36,830 6 36,830 6 2021 27553353 BRIDGER 2020C031 BLANKET - SMALL TOOLS 20 6 36,038 36,830 6 2021 27553353 BRIDGER 2021C030 U4 SOCC REFRACTORY REPLACEMENT 21 6 34,442 34,442 34,442 6 2021 27573808 BRIDGER 2021C004 U0 BLANKET - SMALL TOOLS 21 6 0 30,155 6 6 6 30,038 6 6 6 30,038 6 6 6 6 30,038 6 6 6 6 30,038 6 6 6 6 30,038 6 <	2021	27580826	BRIDGER 2021C022 BLANKET LCC SWITCHGEAR & XFMR UPGRADES 21					39,990	39,990		
202127531347BRIDGER 2020C017 BLANKET - SMALL TOOLS 20Image: Constraint of the synthesis of the synt	2021	27575904	BRIDGER 2020C104 U2 PRECIP INTERLOCK PANEL REPLACEMENT 20		36,934				36,934		
Data Data Data Data Data 2753335 BRIDGER 2020C043 UA SO3 NOZZLE REPLACEMENT 20 0 36,038 36,038 0 36,038 0 <td>2021</td> <td>27551347</td> <td>BRIDGER 2020C017 BLANKET - SMALL TOOLS 20</td> <td></td> <td></td> <td></td> <td></td> <td>36,830</td> <td>36,830</td> <td></td> <td></td>	2021	27551347	BRIDGER 2020C017 BLANKET - SMALL TOOLS 20					36,830	36,830		
Data Display Display <thdisplay< th=""> <thdisplay< th=""> <thdisp< td=""><td>2021</td><td>27553353</td><td>BRIDGER 2020C043 LIA SO3 NO77LE REPLACEMENT 20</td><td></td><td></td><td></td><td>36.038</td><td>50,050</td><td>36,038</td><td></td><td></td></thdisp<></thdisplay<></thdisplay<>	2021	27553353	BRIDGER 2020C043 LIA SO3 NO77LE REPLACEMENT 20				36.038	50,050	36,038		
Average Constraint	2021	27555555	PRIDGER 2020C045 04 505 NO22EE RELEACEMENT 20				24 442		24,442		
21/1 275/183 BNIGER 2020C0/0 BLANKET NCC UPCRADES 2/A 0 33,623 33,623 2021 275/183 BNIGER 2020C0/0 BLANKET NCC UPCRADES 2/A 0 30,038 30,038 2021 275/8575 BNIGER 2020C0/0 BLANKET NCC UPCRADES 20 0 30,038 30,038 2021 275/8575 BNIGER 2020C0/0 BLANKET NCC UPCRADES 20 0 30,038 0 2021 275/8575 BNIGER 2020C0/1 BLANKET NCC UPCRADES 20 0 28,479 0 28,479 2021 2756054 BNIGER 2020C0/1 BLANKET NCC UPCRADES 0 28,479 0 28,479 0 2021 2756054 PAC-SPONS JOOA: NERC PRC-002 AND MOD-033 0 0 28,016 28,016 0 2021 2752043 BNIGER 2020L/(32) CONVEYOR BELTS 1 0 0 26,556 0 0 2021 2752043 BNIGER 2020L/(32) CONVEYOR BELTS 21 0 25,761 0 0 0 0 0 0 25,761 0 0 0 0 0 0	2021	27500025	PRIDGER 2021C020 04 SDCC RELIGENTING FOR THE EACEMENT 21				34,442	22 020	22,920		
2011 275865 BNIGER ADDCLOVID SUMMENT MICLO VIGANDES DU Image: Constraint of the co	2021	27573606	BRIDGER 2021C004 OU BLANKET MCC UDCDADES 20					33,829	33,829		
2010 275863 BNIGER CULCAUZAUZI CONJUNEED FC TOM Image: Constraint of the constrain	2021	2/5/1833	BRIDGER 2020C070 BLANKET MICC OPGRADES 20					30,155	30,155		
Z021 Z7560854 BRIDGER 2020/CU1V4 LCC CV/UV RELAY UPGRADE C Z82,479	2021	2/5/86/5	BRIDGER CITC2021C202 2021 CONSOLIDATED PC TOM					30,038	30,038		
2021 2758045 PACSPONS JOAX. NERC PRC-002 AND MOD-033 C C 28,016 28,016 28,016 2021 2758705 BRIDGER 2021/(JO32 CONVEYOR BELTS 21 C C 26,556	2021	27568634	BRIDGER 2020C0/1 U4 LCC OV/UV RELAY UPGRADE				28,479		28,479		
2021 2758/057 BNIDGER 2020/L/032 CONVEYOR BELTS 21 C 26,556 26,556 2021 27524343 BNIDGER 2020/L/032 CONVEYOR BELTS 21 C 26,556 26,556 2021 27524343 BNIDGER 2020/L/032 CONVEYOR BELTS 21 C 25,751 25,751 2021 27524343 BNIDGER 2020/L/032 L/04 EV MODIFICATION 20 C 25,761 25,761 2021 2753279 BNIDGER 2020/2021 L/4 EV MODIFICATION 20 C 25,761 25,761 2021 2753443 BNIDGER 2020/032 L/4 EV MODIFICATION 20 C 25,761 25,761	2021	27560845	PAC-SPONS JOOA: NERC PRC-002 AND MOD-033					28,016	28,016		
2021 7524343 BRIDGER 2018C132 U4 MAIN TURBINE OVERSPEED UPGRADE. 25,761 25,761 25,761 2021 2755279 BRIDGER 2020C023 U4 ERV MODIFICATION 20 6 6 25,021 25,021 6 2021 2755279 BRIDGER 2020C023 U4 ERV MODIFICATION 20 6 6 25,021 25,012 6	2021	27587057	BRIDGER 2021/C/032 CONVEYOR BELTS 21					26,556	26,556		
2021 2753279 BIRGER 2020C032 U4 EW MODIFICATION 20 6 20 25,012 2 25,012 2 25,012 2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2021	27524343	BRIDGER 2018C132 U4 MAIN TURBINE OVERSPEED UPGRADE.				25,761		25,761		
	2021	27553279	BRIDGER 2020C032 U4 ERV MODIFICATION 20				25,012		25,012		
2021 2/302201 BKIDGEK CIT C2018C250 BOUNDARY DEFENCE IMPROVEMENT 24,301 24,301	2021	27505201	BRIDGER CITC2018C250 BOUNDARY DEFENCE IMPROVEMENT					24,301	24,301		
2021 27578626 BRIDGER 2021C013 U0 CH LINER PLATES 21 22,987 22,987	2021	27578626	BRIDGER 2021C013 U0 CH LINER PLATES 21					22,987	22,987		
2021 27585690 BRIDGER CITC2021C018 DRAGOS -IIM BRIDGER 22,110 22,110	2021	27585690	BRIDGER CITC2021C018 DRAGOS -JIM BRIDGER					22,110	22,110		
2021 27549350 BRIDGER 2020C007 U4 REPLACE DOGBONE EXPANSION JOINT 20 18,733 18,733	2021	27549350	BRIDGER 2020C007 U4 REPLACE DOGBONE EXPANSION JOINT 20				18,733		18,733		
2021 27524338 BRIDGER 2018C130 U2 MAIN TURBINE OVERSPEED UPGRADE. 17,191 17,191	2021	27524338	BRIDGER 2018C130 U2 MAIN TURBINE OVERSPEED UPGRADE.		17,191				17,191		
2021 27501256 BRIDGER 2018C064 U1 FLAME SCANNER 18 15,358 15,358 15,358	2021	27501256	BRIDGER 2018C064 U1 FLAME SCANNER 18	15,358					15,358		
2021 27564797 BRIDGER UD 2020/C/081 DUST COLLECTOR DUCTWORK REPLACEMENTS 5 15.008 15.008 15.008	2021	27564797	BRIDGER U0 2020/C/081 DUST COLLECTOR DUCTWORK REPLACEMENTS					15.008	15.008		
2021 27571832 BRIDGER 2020C083 U0 REPLACE RO MEMBRANES 20 15.003 15.003	2021	27571832	BRIDGER 2020C083 U0 REPLACE RO MEMBRANES 20					15,003	15,003		
2021 27551437 BRIDGER 2020C033 L/4 REPLACE 42 MOISTURE SEPARATOR 20 14 660 14 660	2021	27551437	BRIDGER 2020C033 U4 REPLACE 42 MOISTURE SEPARATOR 20	i		l	14,660	20,000	14,660		
2755449 BRINGER 2020C038 REPLACE FORKIET	2021	27559496	BRIDGER 2020C038 REPLACE FORKLIFT				1-1,000	12,199	12,199		
2021 2755500 BRINGER 2019C032 RLANKET - DIMPS VALVES GEARROYES 19 212 12 12 12 12 12 12 12 12 12 12 12 12	2021	27525030	RRIDGER 2019C032 RLANKET - PLIMPS VALVES GEARBOXES 19					12 151	12 151		
2757867 BRIIGER 20210051 BLAKET. INFORMET 21	2021	27578627	BRIDGER 2021C015 LIO BLANKET - LINDERGROLIND IPS / HYDRANTS 21					11 471	11 / 21		

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Accounting	1									
Neer	Due le et	Description					6	Tetel	D	Project Description (Instification
Year	Project	Description	01	02	03	04	Common	Total	Purpose	Project Description/Justification
2021	27580823	BRIDGER 2021C014 04 COOLING TOWER COMPONENT COATING 21				7,049		7,049		
2021	2/5/86/2	BRIDGER 2020C068 U1 SHOWER FOOM FLOOR COATING	6,207					6,207		
2021	27585109	BRIDGER 2021C011 U0 DAHS SERVER CHANGE OUT 21					6,054	6,054		
2021	2/569/28	BRIDGER 2020C100 REPLACE FIRE EXTINGUISHERS 20					6,038	6,038		
2021	27580818	BRIDGER 2020C060 U4 SDCC & TRANSFERCHUTES 20				5,795		5,795		
2021	27527161	BRIDGER 2019C039 BLANKET - ELECTRICAL / INSTRUMENTATION 1					4,949	4,949		
2021	27591375	BRIDGER 2021C005 U0 BLANKET - OFFICE EQUIPMENT 21					3,803	3,803		
2021	27527167	BRIDGER 2019C066 UO MERCURY DEVICE REPLACEMENT 19					3,584	3,584		
2021	27551348	BRIDGER 2020C019 BLANKET - OFFICE EQUIPMENT 20					3,398	3,398		
2021	27551447	BRIDGER 202C051 DCS SECURITY SERVER UPGRADES 20					3,260	3,260		
2021	27517680	BRIDGER 2018C117 INSTALL EFFLUENT TO MINE WATER PIPING					3,155	3,155		
2021	27557169	BRIDGER 2020C078 U1 REPLACE PYRITE HOPPERS 20	3,107					3,107		
2021	27589304	BRIDGER 2021C008 U0 BLANKET - SHOP MACHINERY REPLACEMENT 21					2,844	2,844		
2021	27541805	BRIDGER 2019C040 BLANKET UPGRADE 7.2 KV MAGNEBLAST BREAKE					2,228	2,228		
2021	27578781	BRIDGER CITC2020C308 CONTROL NETWORK ROUTER/SWITCH TOM 2020					1,976	1,976		
2021	27564795	BRIDGER U0 2020C080 REPLACE CATHODIC PROTECTION ANODE BED					1,348	1,348		
2021	27569752	BRIDGER 2020C095 REPLACE 35 TON CRANE 20					775	775		
2021	27553270	BRIDGER 2020C067 U4 ULTRASONIC FEEDWATER FLOW METER				46		46		
2021	27524351	BRIDGER 2018C135 U2 ELEVATOR UPGRADES		1				1		
2021	Various	CORRECTIONS ASSOCIATED WITH INVESTMENTS PRIOR TO 2021	(8,969)	(4.287)	(29.024)	(3.066)	(72,606)	(117.951)		
2021 Total			15.704	102,550	14.522	1.170.089	1.308.676	2.611.541		
2022	27587065	BRIDGER 2021C016 GAS CEMS CHANGEOUT 21			,	_,,	94.645	94.645		
2022	27600046	BRIDGER 2022C024 LID BLANKET - MOTORS 22					91 390	91 390		
2022	27607057	BRIDGER 2022C041 U2 WATERWALL SOOTBLOWER PANELS AND TURES		89 972			51,550	89.972		
2022	27568632	BRIDGER 2022C041 02 WATERWALE SOOTBLOWERT AREES AND TOBES		05,572			88 802	88 802		
2022	27505032	BRIDGER 20180122 00 KABIO COMMONICATIONS TOWER					00,002	00,002		
2022	27550016	DAC SDONS LOOA: TRL 2017 BACKUB BUS DIEE BLY, JIM BRIDGER 24					83,831	83,831		
2022	27300310	PROSPONS JOOK. THE 2017 BACKOF BOS DIFF RET- JIWI BRIDGER 54		80.025			80,873	80,873		
2022	27597954	BRIDGER 2022C018 02 SDCC REPLACE CHAIN 22		80,035	78.042			80,035		
2022	27353407	DRIDGER 2022C035 05 REFERCE FOLVERIZER JOORIVALS 21		72.241	70,542			70,542		
2022	27008575			75,541			71 430	73,341		
2022	27604649	BRIDGER 2021C046 DU REPLACE TRUCK SCALE 21/22					71,420	71,420		
2022	27580822	BRIDGER 2021C007 BLANKET - ELECTRICAL/INSTRUMENTATION 21		70.200			70,351	70,351		
2022	2/58/061	BRIDGER 2021C028 02 SDCC 10/SOB IDLER REPLACEMENT 21		70,268				/0,268		
2022	27549365	BRIDGER 2020C029 BLANKET UPGRADE 7.2 KV MAGNEBLAST BREAKE					66,506	66,506		
2022	27600040	BRIDGER 2022C006 U2 REPLACE PRECIP/SCRUB EXPANSION JOINT		65,394				65,394		
2022	27607055	BRIDGER 2022C038 U2 SDCC LINER / SHELL REPLACEMENT 22		63,141				63,141		
2022	27589306	BRIDGER 2021C010 U0 BLANKET - PLANT LIGHTING IMPROVEMENTS 21					59,719	59,719		
2022	27607054	BRIDGER 2022C038 U2 SDCC INSTALL LINER AT CHAIN GUARD 22		59,698				59,698		
2022	27615665	BRIDGER 2022C054 U0 RPLC LARGE SECONDARY CRUSHER ROTOR 22					49,677	49,677		
2022	27597950	BRIDGER 2022C007 U2 REPLACE DOGBONE EXPANSION JOINTS 22		48,066				48,066		
2022	27600042	BRIDGER 2022C010 U2 SDCC REPLACE DEWATERING SLOPE 22		47,534				47,534		
2022	27615669	BRIDGER 2022C060 U1 REPLACE SDCC DRIVE SHAFT 22	47,001					47,001		
2022	27566763	BRIDGER 2020C096 U2 STACK OPACITY MONITOR HEATING		46,005				46,005		
2022	27578627	BRIDGER 2021C015 U0 BLANKET - UNDERGROUND IPS / HYDRANTS 21					42,973	42,973		
2022	27578625	BRIDGER 2021C006 U4 BLANKET UPGRADE 7.2 KV MAGNEBLAST BREAKE				42,838		42,838		
2022	27583200	BRIDGER 2021C002 BLANKET - MOTORS 21					41,186	41,186		
2022	27587062	BRIDGER 2021C027 U3 SDCC TU/SUB IDLER REPLACEMENT 21			39,601			39,601		
2022	27587057	BRIDGER 2021/C/032 CONVEYOR BELTS 21					39,461	39,461		
2022	27597941	BRIDGER 2021C048 U0 01 CLARIFIER COATING REPAIRS 21					35,038	35,038		
2022	27602396	BRIDGER 2022C039 U2 COAL PIPE REPLACEMENT 22		32,401				32,401		
2022	27607056	BRIDGER 2022C040 U2 PA DUCT INSPECT AND REPAIR 22		31,947				31,947		
2022	27600048	BRIDGER 2022C025 U0 BLANKET - ELECTRICAL / INSTRUMENTATION 2					31,694	31,694		
2022	27595024	BRIDGER 2021C043 U4 LAB PANEL INSTRUMENTATION 21				31,485	02,004	31,485		
2022	27617945	BRIDGER 2022/C/050 U0 BIRD LASER HAZING SYSTEM INSTALLATION				51,-105	30.542	30,542		
2022	27597943	BRIDGER 2021C049 U4 #43 SCRUBBER OUTLET DUCT RECOAT 21				29,713	50,5-12	29,713		
2022	27600049	BRIDGER 2022/C/032 LID CONVEYOR BELTS 22				23,713	29.076	29,076		
2022	27580308	BRIDGER 2021C032 UK TURBINE BUILDING WINDOWS				28 712	23,070	25,070		
2022	27507030	BRIDGER 2021C033 04 TORBINE BOILDING WINDOWS				20,/12	28 214	20,/12		
2022	27507032	REDGER 20210047 OU BEANKET SCH LEA SCHEENS 21					20,314	20,314		
2022	27507255	DRIDGER 20210041 OU DC3 SINIOLATOR OF DATES 21					23,300	23,300		
2022	27502097	DRIDGER 2010C000 BREEN KIVER 3000 VIBRATION MONTORING SY					17,142	17,142		
2022	27500004						10,693	10,893		
4444	6/202204	PRIDGER 2021000 00 PLAINEL - STOP WAUTINERT REPLACEWENT 21					12.002	12.002		1

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Year	Project	Description	U1	U2	U3	U4	Common	Total	Purpose	Project Description/Justification
2022	27600045	BRIDGER 2022C020 U0 BLANKET - SMALL TOOLS 22					15,026	15,026		
2022	27602394	BRIDGER 2022C036 U2 REPLACE 22 MOISTURE SEPERATOR 22		14,799				14,799		
2022	27597938	BRIDGER 2021C045 U0 REPLACE MILL BOWL HEATER 21					13,466	13,466		
2022	27553266	BRIDGER 2020C016 BLANKET - PUMPS, VALVES, GEARBOXES 20					10,664	10,664		
2022	27615664	BRIDGER 2022/C/049 U0 REPLACE POST 1 TURNSTILES 22					10,277	10,277		
2022	27615841	BRIDGER CITC2019C603 WIRELESS BRIDGE REPLACEMENT					9,789	9,789		
2022	27597962	BRIDGER 2022C021 U0 ADD LOOP 3440-C CHANNEL BANK 22					9,498	9,498		
2022	27591387	BRIDGER 2019C034 U0 REPLACE ROOFING SYSTEM 21					9,124	9,124		
2022	27573808	BRIDGER 2021C004 U0 BLANKET - SMALL TOOLS 21					8,750	8,750		
2022	27589307	BRIDGER 2021C029 U0 BLANKET MCC UPGRADES 21					8,061	8,061		
2022	27617947	BRIDGER 2022/C/052 U0 REPLACE CATHODIC PROTECTION ANODE BED					8,023	8,023		
2022	27583202	BRIDGER 2021C018 U0 GAS PROBE CHANGEOUT 21					7,881	7,881		
2022	27602390	BRIDGER 2022C029 U0 BLANKET - OFFICE EQUIPMENT 22					7,378	7,378		
2022	27597935	BRIDGER 2021C044 U0 REPLACE BOTH CONTROL ROOM CARPET 21					7,143	7,143		
2022	27553272	BRIDGER 2020C002 U4 UPGRADE COOLING TOWER VFDS 20				5,974		5,974		
2022	27575653	BRIDGER 2021C012 BLANKET - MILLS, PULVERIZER VERTICAL SHA					5,744	5,744		
2022	27566691	BRIDGER 2020C053 U0 PLANT LIGHTING IMPROVEMENTS 20					5,540	5,540		
2022	27501256	BRIDGER 2018C064 U1 FLAME SCANNER 18	5,456					5,456		
2022	27615666	BRIDGER 2022C055 U4 REPLACE SHOP DOOR 22				5,281		5,281		
2022	27580826	BRIDGER 2021C022 BLANKET LCC SWITCHGEAR & XFMR UPGRADES 21					3,749	3,749		
2022	27524338	BRIDGER 2018C130 U2 MAIN TURBINE OVERSPEED UPGRADE.		2,868				2,868		
2022	27527164	BRIDGER 2019C057 BLANKET - REPLACE SUPPORT EQUIPMENT 19					2,320	2,320		
2022	27549348	BRIDGER 2020C006 U4 PRECIPITATOR TR & CLR REPLACEMENT 20				2,277		2,277		
2022	27541813	BRIDGER 2019C091 U4 SCR CATALYST REPLACEMENT 20				2,085		2,085		
2022	27551447	BRIDGER 202C051 DCS SECURITY SERVER UPGRADES 20					1,744	1,744		
2022	27479282	BRIDGER 2017C029 U2 BFPT TRIP SYSTEM 17		1,618				1,618		
2022	27559520	BRIDGER 2020C082 U4 LOADOUT CONVEYOR PLATFORM				1,054		1,054		
2022	27597929	BRIDGER 2021C025 U2 SDCC REPLACE FLIGHTS 21		997				997		
2022	27578675	BRIDGER CITC2021C202 2021 CONSOLIDATED PC TOM					790	790		
2022	27483924	BRIDGER 2017C068 SCRAPER REBUILD 17					724	724		
2022	27549359	BRIDGER 2020C015 U4 #42 BOILER FEED PUMP REBUILD 20				611		611		
2022	27604694	BRIDGER CITC2020C305 U0 UPS TOM 2020					527	527		
2022	27559765	BRIDGER TSYS/2017/C/864 NERC PRC-002/MOD-033 SYS UPGRADE					498	498		
2022	27475628	BRIDGER 2017C017 U2 REPLACE SCRUBBER DUCT DRAIN/SEAL POTS		409				409		
2022	27487476	BRIDGER 2017C031 COMMON ANNUNCIATORS TO DCS 17					258	258		
2022	27483897	BRIDGER 2017C047 U2 CIRC WTR PMPS CONTINUOUS VIBRATION 1		225				225		
2022	27483894	BRIDGER 2017C034 U2 NETWORK HARDWARE UPGRADE 17		44				44		
2022	27587059	BRIDGER 2021C031 U4 SCR OUTLET NEMS PLATFORMS				15		15		
2022	27517677	BRIDGER 2018C055 REPLACE FIRE EXTINGUISHERS 18					11	11		
2022	Various	CORRECTIONS ASSOCIATED WITH INVESTMENTS PRIOR TO 2021	(13,114)	(51,420)	(30,577)	(244,470)	(229,270)	(568,851)		
2022 Total 39			39,342	677,342	87,965	(94,425)	1,025,873	1,736,097		
Grand Total - Pro	jects Under \$100k		55,046	779,892	102,487	1,075,664	2,334,549	4,347,638		

Total Projects (2021 - 2022)

55,046 3,938,741 102,487 10,101,859 5,130,175 19,328,308

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