

(ACT) – ACTION NEEDED  
(INF) – INFORMATION ONLY  
(DIS) – DISCRETIONARY

BOARD OF PUBLIC UTILITIES OF THE CITY OF NEEDLES  
TUESDAY, MARCH 5, 2019 - 4:00 P.M. – REGULAR MEETING  
CITY COUNCIL CHAMBERS - 1111 BAILEY AVENUE, NEEDLES

A G E N D A

**Approval of Agenda** (ACT)

**Correspondence**

**Public Appearance:** Persons wishing to address the Board on subjects other than those scheduled are requested to do so at this time. When addressing the Board, please come to the podium and give your name and address for the record. In order to conduct a timely meeting, a three minute time limit per person has been established by Municipal Code Section 2-18. Amendments to California Government Code Sec. 54950 prohibits the Board from taking action on a specific item until it appears on the agenda.

**Consent Calendar:** All matters listed on the Consent Calendar are considered to be routine and will be enacted by one motion in the form listed. The Chairman or any Member of the Board may pull an item from the Consent Calendar for discussion. Prior to Board action, a member of the public may address the Board on matters scheduled on the Consent Calendar. A three-minute time limit per person applies. **Recommended Action:** Approve Items 1 through 2 on the Consent Calendar by affirmative vote (ACT)

1. Approval of the minutes of the regular meeting held February 19, 2019
2. Authorize purchase of a 2019 Chevrolet 2500 utility truck with rack using \$37,116 from the water vehicle replacement fund

**End of Consent**

**Regular Item** (three-minute time limit per person applies)

3. Authorize Board Member(s) to attend the 2019 Solar Summit in Scottsdale, AZ on May 14-15, 2019 (ACT)

**Reports**

4. Nitrate monitoring violation for calendar year 2018 (INF)
5. Ad-Hoc Committee report on the status of a solar farm (INF)

6. Ad-Hoc Committee report on the status of the net metering interconnect agreement revisions (INF)
7. EUSI, LLC operational support services relating to the wastewater treatment facility and collection system January 2019 (INF)

**Pending Matters (not for discussion at this time)**

- a) Audit suggestions relating to inventory control (meeting of January 16, 2018)
- b) Review rate policy relating to customer generators and solar mandate established by the California Energy Commission (meeting of February 5, 2019)

**Manager's Report**

- a) Incident Report(s)

**Board Requests**

**Adjournment**

Posted: March 1, 2019

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**INTERNET ACCESS TO BOARD AGENDA AND STAFF REPORT MATERIAL  
IS AVAILABLE PRIOR TO THE MEETING AT  
<http://www.cityofneedles.com>**

SB 343 - DOCUMENTS RELATED TO OPEN SESSION AGENDAS - Any public record, relating to an open session agenda item, that is distributed within 72 hours prior to a meeting is available for public inspection at the Needles Administrative Office, 817 Third Street, Needles, CA 92363.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Cheryl Sallis, Secretary to the Board, at (760) 326-2113 ext 115. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting (28 CFR 35.102-104 ADA Title II)

BOARD OF PUBLIC UTILITIES

February 19, 2019

The regular meeting of the Board of Public Utilities held on the 19th day of February 2019, was called to order at 4:00 p.m. with CHAIRMAN CAMPBELL presiding and the following COMMISSIONERS present:

COMMISSIONERS LeJEUNE, WRIGHT, MOFFITT AND McNEIL

Also Present: SECRETARY SALLIS, CITY MANAGER DANIELS AND OTHER KEY STAFF

APPROVAL COMMISSIONER MOFFITT MOVED, SECONDED BY COMMISSIONER  
AGENDA WRIGHT, to approve the agenda. Motion carried by the following vote:

AYES: CHAIRMAN CAMPBELL, COMMISSIONERS LeJEUNE,  
WRIGHT, MOFFITT AND McNEIL  
NOES: NONE  
ABSENT: COMMISSIONER SCHNEIDER

CORSPNDN: None

PBLC APRN: None

CONSENT COMMISSIONER LeJEUNE MOVED, SECONDED BY COMMISSIONER  
CALNDR McNEIL, to approve consent calendar items 1 and 2 as recommended:

1. Approval of the minutes of the regular meeting held February 5, 2019
2. Power Cost Adjustment (PCA) for month ending December 31, 2018 and continuation of over-hydro rate of \$0.0917 as established October 1, 2018

Motion carried by the following vote:

AYES: CHAIRMAN CAMPBELL, COMMISSIONERS LeJEUNE,  
WRIGHT, MOFFITT AND McNEIL  
NOES: NONE  
ABSENT: COMMISSIONER SCHNEIDER

REG ITEMS Roger Martinez, Vasquez & Co audit leader/engagement partner, presented the audit report for the fiscal year ending June 30, 2018 noting there are two documents included in the Board packet, the actual audit and the presentation.  
AUDIT He went through the presentation. Vasquez has issued an unmodified clean  
PRESENT position and noted that the city/utility management owns the audit. There are no material weaknesses or significant deficiencies and no noncompliance material to the financial statement. There is nothing to bring to the Board's attention.

COMMISSIONER SCHNEIDER entered the meeting at 4:07 p.m.

Mr. Martinez continued his review of pertinent pages of the actual audit noting that water and wastewater have a deficit in net position. He reiterated there are no

irregularities or significant deficiencies in the audit. A general discussion and continued review followed Mr. Martinez's presentation.

COMMISSIONER SCHNEIDER questioned the pension liability and the Needles Public Utility Authority (NPUA) not contributing enough – how did this happen? He noted that all employees are city employees and are paid from transfers from the NPUA. CHAIRMAN CAMPBELL explained that the pension is CalPERS retirement and contributions are set by the CalPERS board. The non-retirement liability is sick leave, comp time and holidays. Discussion followed on the CalPERS retirement, changes to the employer contributions, and the need to budget sufficient funds. The Board agreed that the city council needs to be made aware of the liability in compensated leaves as it involves city employees.

After further discussion of the audit, Sylvia Miledi, finance director, agreed to provide the Board with the details of the "due to other funds" in water and wastewater (page 26 of the audit reflects water = \$3,855,834 and wastewater = \$3,535,290 for a total "due to other funds" of \$7,391,124).

COMMISSIONER MOFFITT MOVED, SECONDED BY COMMISSIONER WRIGHT, to accept and forward to the City Council/NPUA the audit report for the fiscal year ending June 30, 2018. Motion carried by the following vote:

AYES: CHAIRMAN CAMPBELL, COMMISSIONERS LeJEUNE,  
WRIGHT, MOFFITT, SCHNEIDER AND McNEIL  
NOES: NONE  
ABSENT: NONE

PROPSD  
ORD NO.  
612-AC  
SEPTIC  
TANKS

City Manager Daniels explained that heretofore the county environmental health dept. issued permits for all septic tanks. State law has changed to make cities now responsible for permitting and inspection. Cary Packard, Merrill Johnson Engineers, assisted in preparing the local agency management program (LAMP) and was participating in this meeting via conference call.

Patrick Martinez, development director, provided a PowerPoint presentation on the LAMP noting that the city has approximately 210 septic systems and the building dept. will start issuing septic permits. The policy does address replacement of septic systems and deals with new and existing systems. Review and discussion followed on the LAMP and how it will be administered, and where septic tanks and wells will be allowed to locate within distance of each other. Mr. Packard explained that the owner will have to provide a seepage report and if the septic is seeping too fast causing concern with groundwater, the city could put on additional restrictions.

COMMISSIONER SCHNEIDER questioned the State Water Resources Control Board's minimum acreage for septic of 2-1/2 acres and the city lowering that minimum to one acre. Mr. Packard explained that the state does not have the means to manage and supervise all the development and if the cities don't want to manage either, they made the requirements so restrictive that it won't be a huge issue. But if the local agency is willing to monitor, prevent and watch over their

water quality, it doesn't have to be so restrictive. One of the requirements is that if there is a well onsite, the owner has to provide the testing results of that water quality in order to pull a permit so the city can create a base point of water quality in that area and as the city collects data over time, will see whether the septic systems are causing any detrimental effect on the groundwater. COMMISSIONER SCHNEIDER expressed concern that as septic systems become more concentrated on one acre lots, the more risk is being taken of contaminating the groundwater. Director Martinez explained we are currently working on Phase II of the water study and ideally would be to extend water and sewer to north Needles so this is just a current resolution to providing growth to that area. City Manager Daniels agreed that septic systems should be looked at as temporary or in such sparse areas that there is very little likelihood of contamination. COMMISSIONER SCHNEIDER was also concerned about splitting the acreage in north Needles into one acre lots and never getting a developer to pay most of the fees to get water and sewer out there. CHAIRMAN CAMPBELL responded it already is being split up and is zoned CRR one acre allowing one acre lots so the argument needs to go before the planning commission to change the zoning when the general plan is done. He felt two areas need to be kept in mind by city staff, those being that most of the wells in north Needles are Lower Colorado River Supply Project water; and many of the wells will and can go on present perfected water rights. Both contracts for either water source have a clause that the agency can inspect the well and require a random sample.

CHAIRMAN CAMPBELL entertained a motion to approve Ordinance No. 612-AC establishing a Local Agency Management Program (LAMP) and recommend that the City Council/NPUA adopt such Ordinance No. 612-AC. COMMISSIONER McNEIL SO MOVED AND COMMISSIONER MOFFITT SO SECONDED the motion. Motion carried by the following vote:

AYES: CHAIRMAN CAMPBELL, COMMISSIONERS LeJEUNE,  
WRIGHT, MOFFITT AND McNEIL  
NOES: COMMISSIONER SCHNEIDER  
ABSENT: NONE

RESOL NO City Manager Daniels briefly explained the California Statewide Communities  
2-19-19 BPU Development Authority (CSCDA) Open Property Assessed Clean Energy (PACE)  
PACE PRG program being long term financing of solar the cost of which is placed on the  
owner's tax assessment.

COMMISSIONER SCHNEIDER MOVED, SECONDED BY COMMISSIONER LeJEUNE, to adopt Resolution No. 2-19-19 BPU consenting to the inclusion of properties within the territory of the City of Needles in the California Statewide Communities Development Authority(CSCDA) Open Property Assessed Clean Energy (PACE) programs; authorizing CSCDA authority to accept applications from property owners, conduct contractual assessment proceedings and levy contractual assessments within the territory of the City of Needles and authorizing related actions. Motion carried by the following vote:

February 19, 2019

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AYES: CHAIRMAN CAMPBELL, COMMISSIONERS LeJEUNE,  
WRIGHT, MOFFITT, SCHNEIDER AND McNEIL  
NOES: NONE  
ABSENT: NONE

REPORTS: CHAIRMAN CAMPBELL acknowledged the following reports with a brief explanation by staff: 1) Needles present perfected rights (PPR) report for January 2019; and 2) Monthly activity report for December 2018 and delinquencies for January 2019

MGR'S RPT: City Manager Daniels reported: 1) other than water leaks, no major electric or wastewater incidents; 2) going through the process that homeowners will be paying \$2 more for recycling services. Have had four community meetings and a fifth will be held tomorrow. He spoke on recycling being shipped out of country and foreign rates dropping substantially. Have sent out Prop 218 notices so the customers will have an opportunity to oppose the increase.

BRD RQSTS: COMMISSIONER McNEIL noted he will be taking the Colorado River tour and has also asked for a meeting with the city manager for further education and information as a Board Member. Maybe he and City Manager Daniels could meet for a few minutes after this meeting.

CHAIRMAN CAMPBELL explained he's seen the city attorney's comments on the net metering customer agreement and feels things are pretty close. Looks like the agreement should be ready for review and action soon. Senate Bill 1 states one megawatt or less but he'd like the applicant to state in the agreement how many megawatts they'll be generating.

ADJOURN COMMISSIONER SCHNEIDER MOVED, SECONDED BY COMMISSIONER LeJEUNE, to adjourn. Motion carried by the following vote:

AYES: CHAIRMAN CAMPBELL, COMMISSIONERS LeJEUNE,  
WRIGHT, MOFFITT, SCHNEIDER AND McNEIL  
NOES: NONE  
ABSENT: NONE

CHAIRMAN CAMPBELL declared the regular meeting of the Board of Public Utilities held on the 19th day of February 2019, adjourned at 5:27 p.m.

ATTEST: \_\_\_\_\_

Chairman

\_\_\_\_\_

Secretary



## City of Needles, California Request for Board Action

CITY COUNCIL/NPUA  Board of Public Utilities  Regular  Special

**Meeting Date:** March 5, 2019

**Title:** Water Chevrolet 2500 Vehicle Purchase

**Background:** The water department requested a new vehicle for the crew members. Staff conducted a formal invitation for seal bids for the purchase of a new Chevrolet 2500 utility truck with rack in February 2019.

**Fiscal Impact:** The water department has \$86,409.42 available in the vehicle replacement fund.

**Recommended Action:** Authorize use of \$37,115.68 from the Water Vehicle Replacement Fund.

**Submitted By:** Rainie Torrance, Senior Accountant

**City Management Review:** Rick

**Date:** 2/28/19

Approved:

Not Approved:

Tabled:

Other:

Agenda Item: 2.



**CITY OF NEEDLES**

**INVITATION FOR SEALED BIDS**  
FOR

One (1) Chevrolet 2500 Utility Truck with Rack

CITY OF NEEDLES  
817 Third Street  
Needles, CA 92363  
(760) 326-2115 ext. 140

NOTICE IS HEREBY GIVEN that the CITY OF NEEDLES (herein called the "City") invites and will receive sealed bids up to the hour of 3:30 p.m. Pacific Standard Time (PST) on Monday, February 25, 2019 the purchase of one (1) Chevrolet 2500 Utility Truck with Rack. At said time, sealed Bid Proposal (herein called the "Bid") will be publicly opened and read aloud by the office of the City Clerk at:

CITY OF NEEDLES  
817 Third Street  
Needles, CA 92363

Questions regarding the Bid Documents are to be directed to Rainie Torrance, Finance Assistant, by email at [ndlsacct@citlink.net](mailto:ndlsacct@citlink.net).

Bids shall be submitted only on forms provided in the Bid Packet. Bids shall be in the hands of the City Clerk of the City, 817 Third Street, Needles, California, 92363 on or before the hour of 3:30 p.m. PST on Monday, February 25, 2019. No late Bids will be accepted and will be returned unopened. No oral, telegraphic, electronic, facsimile, or telephone bid submittals or modifications will be considered. Bids received after the bid submittal deadline will be rejected and returned to the Bidder unopened.

The Bid Proposal forms can be obtained from the City of Needles' website at [www.cityofneedles.com](http://www.cityofneedles.com).

The City reserves the right to reject any and/or all Bids received.

# Bid Form

TO: CITY  
CITY OF NEEDLES  
817 Third Street  
Needles, CA 92363

DATE: 2/18/19

In compliance with the Invitation for Sealed Bids for One (1) Chevrolet 2500 Utility Truck with Rack the undersigned, as Bidder, hereby offers to sell to the City, in accordance with the terms, conditions, requirements and specifications set forth in the Bid documents for the price quoted on this Bid Form for One (1) Chevrolet 2500 Utility Truck with Rack.

MANUFACTURER: Chevrolet  
MODEL NUMBER: CC25953 (2500HD Silverado LWB 2WD Double Cab)  
DELIVERY DATE: July 9th 2019  
One Hundred eighty (180) days or less from the date City Issues Purchase Order

Note: please provide a picture of the proposed vehicle with the bid.

TOTAL BID PRICE PER TRUCK \$ 33,638 <sup>35</sup>/<sub>100</sub>  
Total Bid Price includes California Sales Tax, California Tire Recycling Fee, DMV documentation fees, freight, and delivery charges but excludes Federal Excise Tax, if any.

TOTAL BID PRICE \$ 33,638 <sup>35</sup>/<sub>100</sub>  
Total Bid Price includes California Sales Tax, California Tire Recycling Fee, DMV documentation fees, freight, and delivery charges but excludes Federal Excise Tax, if any.

The undersigned certifies under penalty of perjury that the quotation on this Bid Form constitutes a bona-fide offer to sell, that he/she is an authorized representative of the company listed, that the quotation is in no way sham or collusive, and that issuance of a Purchase Order by City constitutes acceptance of bidder's offer on the terms and conditions stated in the Bid documents, and forms a contract. Bidder will not withdraw its Bid for at least ninety (90) calendar days from the date and time of the bid opening.

BIDDER'S COMPANY  
Findlay Motor Co.

PRINT NAME - AUTHORIZED  
Nathan Wright.

ADDRESS  
2565 Laughlin View Drive  
Bullhead City Az. 86429

AUTHORIZED SIGNATURE  
Nathan Wright

TELEPHONE NUMBER  
928-754-3400

ARE YOU CLAIMING A LOCAL BUSINESS PREFERENCE? YES  NO   
If yes submit written proof of the address of your principle place of business and a copy of your current City business license.

THIS PAGE MUST BE COMPLETED AND RETURNED WITH BID PROPOSAL FORMS

## Specifications Compliance

The Bidder shall note their compliance with each specification in the box provided with an X or check mark. Each line item requires an X or check mark. **Any specification left blank shall be considered a non-responsive Bid and will be rejected.** Any deviations from the specifications or where submitted literature does not fully support the meeting of the specifications, must be clearly cited and explained by the Bidder in the comment section following the specifications. The City will be responsible for determining specifications compliance.

Yes No Each line specification requires checking either the Yes or No box

- Truck supplied shall be the manufacturer's current production model and shall be bid with all of the standard equipment as specified in the manufacturer's printed literature. In addition, the truck shall include the equipment shown on the subsequent specifications, but may not be limited to said equipment.
- Bidder shall quote purchase price to include manufacturer's warranty for one (1) Chevrolet 2500 Utility Truck with Rack. The warranty shall commence upon acceptance of the completed vehicle by the City.
- Bidder shall quote the price for the one (1) Chevrolet 2500 Utility Truck with Rack Truck including eight and one quarter percent (8.25%) sales tax, but excluding Federal excise tax. Bidder quote shall include delivery charges to the City. In additional license fees must be included. *If* sales tax and/or license fees cannot be included in the bid specifically state so.
- Trucks must meet all current air quality standards, California Emission Control Regulations, all Federal Safety Standards, and Department of Motor Vehicle Regulations.
- Bid shall include estimated delivery date of the one (1) Chevrolet 2500 Utility Truck with Rack. The estimated delivery date shall be one hundred eighty (180) days or less from the date of bid award.
- In the event that the new vehicles have not arrived at the City facilities, 817 Third Street, Needles California, on or before the estimated delivery date, liquidated damages can be charged at the rate of one percent per calendar day of the unit price of the Truck not delivered in accordance with the time specified on the bid proposal.

Specifications Compliance - Continued

Comments:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

This will be an out of state delivery for me  
please add your sales tax to our price. All other  
cost included

I have included Build sheets for Truck + Body  
in Package

Note: We can add a Vise Bracket and Bench Vise  
if you wish. Vise Bracket - \$304.00  
Vise (Bench style) \$345.00



### Configure a New Vehicle:View Summary



Choose Model   Choose Options   Customer/Other Info   View Summary

#### RELATED LINKS

- Return to Order Vehicles Page
- Configure a New Vehicle
- View My Allocation and Constraints
- View Stored Configurations
- View My Request for Order List
- US On-Line Order/Reference Guide

Review the vehicle configuration information in order to ensure that it is correct. If you need to make a change click "Back" to return to the Configure and Submit Request for Order: Customer/Other Info screen. Click "Submit Request for Order" to submit this configuration as a request for order. Click "Save as Stored Configurations" in order to store this configuration. Click "Submit Order Changes" to apply order changes, if page accessed from Change Single order path. Click "Cancel" to cancel the entire configuration.

Note: A submitted request for order is at Event Code 1000 (Order Request Added).

#### GM Business Associate Information

Detail View without prices ▾

Charge-to BAC: 119442	Charge-to BFC: 1
Ship-to BAC: 119442	Ship-to BFC: 1
Contact Name:	DAN:
Phone #:	Stock No:

#### Model Information

Model Year: 2019	Distrib.Entity: FLT Fleet	Order Type:FBC-Fleet Political Subdivision
Division: CHEVROLET TRUCK	Allocation Group: CDBLHD	
Model: CC25953 - 2500HD Silverado: LWB, 2WD, Double Cab Pickup		

#### Fleet Information

Primary FAN: 430391	End-User FAN:
Bid Number:	Bid Item #:
PO Number:	

#### Configuration Information

PEG: 1WT

Primary Color: GAZ - Summit White

Engine: L96 - Engine, Vortec 6.0L Variable Valve Timing  
V8 SFI, E85-compatible, FlexFuel

Transmission: MYD - Transmission, 6-speed automatic, heavy-duty, electronically controlled

Trim: H2R - Dark Ash with Jet Black Interior Accents,  
Cloth seat trim

Emissions: YF5 - Emissions, California state requirements

Requested TPW:

Options: 5F9, 9J4, 9L7, A31, AE7, AU3, AY0, BG9, C67, DF2, G80, GEH, GT5, IOB, JL1, K34, K47, KC4, KG4, KNP, L96, MYD, NC7, NZ4, PYN, QHQ, SFW, TRW, U2J, UE0, UQ3, V22, V46, V76, VK3, VQ2, YF5, YK6, ZHQ, ZW9, ZY1

#### Option Guidelines

- 5F9 : Rear Camera Calibrations without Guidelines
- 9J4 : Bumper, rear, delete
- 9L7 : Upfitter switches, (4)
- A31 : Windows, power with driver express up and down and express down on all other windows
- AE7 : Seats, front 40/20/40 split-bench, 3-passenger, driver and front passenger recline
- AU3 : Door locks, power
- AY0 : Airbags, Double Cab: Single-stage frontal airbag for driver; Dual-stage front airbag for front outboard passenger; Seat-mounted side-impact airbags for driver and front outboard passenger; Head-curtain airbags for front and rear outboard seating positions;
- BG9 : Floor covering, Graphite-colored rubberized-vinyl
- C67 : Air conditioning, single-zone
- DF2 : Mirrors, outside high-visibility vertical trailinging, Black

G80 : Differential, heavy-duty locking rear  
GEH : GVWR, 9500 lbs. (4309 kg)  
GT5 : Rear axle, 4.10 ratio  
IOB : Audio system, Chevrolet Infotainment System with 7" diagonal color touch-screen, AM/FM stereo  
JL1 : Trailer brake controller, integrated  
K34 : Cruise control, steering wheel-mounted  
K47 : Air cleaner, high-capacity  
KC4 : Cooling, external engine oil cooler  
KG4 : Alternator, 150 amps  
KNP : Cooling, auxiliary external transmission oil cooler  
L96 : Engine, Vortec 6.0L Variable Valve Timing V8 SFI, E85-compatible, FlexFuel  
MYD : Transmission, 6-speed automatic, heavy-duty, electronically controlled  
NC7 : Emissions override, Federal  
NZ4 : Wheels, 17" x 7.5" (43.2 cm x 19.1 cm) full-size, steel spare.  
PYN : Wheels, 17" (43.2 cm) steel  
QHQ : Tires, LT245/75R17E all-season, blackwall  
SFW : Back-up alarm calibration  
TRW : Provision for cab roof-mounted lamp/beacon  
U2J : SiriusXM Radio, delete  
UE0 : OnStar, delete  
UQ3 : 6-speaker audio system  
V22 : Grille surround, chrome  
V46 : Bumper, front chrome  
V76 : Recovery hooks, front, frame-mounted, black  
VK3 : License plate kit, front  
VQ2 : Fleet processing option  
YF5 : Emissions, California state requirements  
YK6 : SEO Processing Option  
ZHQ : Tire, spare LT245/75R17E all-season, blackwall  
ZW9 : Pickup box, delete  
ZY1 : Paint, solid

► Save in Stored Configurations

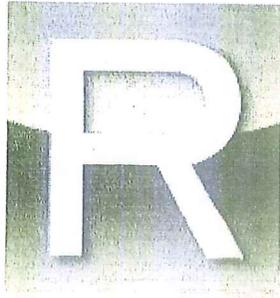
CANCEL

BACK

† North American Order Workbench is intended solely for business use by GM Dealers. Pricing shown is for illustration purposes only. Refer to [GMPricing.com](http://GMPricing.com) for official GM Price schedules. GM pricing is subject to change by GM at anytime, without notice. The GSA Price Level is for GM use only.

Order Workbench: [FAQs](#) [Site Map](#)

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# ROYAL TRUCK BODY

900 W 1ST AVE.  
 MESA, AZ 85210  
 PHONE: 602-426-1774  
 FAX: 602-426-1778

<b>QUOTATION</b>		<b>0289182</b>	
DATE ENTERED	TRUCK ORIGIN	DATE REQUESTED	
1/22/2019	DLR		
WRITTEN BY	SALESMAN	TERR	DATE PROMISED
		MCH	
END USER (IF DIFFERENT THAN SOLD TO)			

S FINDLAY CHEVROLET O 6800 S. TORREY PINES DRIVE L LAS VEGAS, NV 89118		CUSTOMER NO: FINDLAY	
S FINDLAY CHEVROLET H 6800 S. TORREY PINES DRIVE I LAS VEGAS, NV 89118 P			

CUST ORDER NO	TERMS	SHIP VIA	CUSTOMER NAME	CUSTOMER PHONE NO					
	02		NATHAN WRIGHT						
MAKE TRUCK	YEAR	MODEL	COLOR	CA DIM	DUAL	SINGLE	DOOLEY	AUX TANK	ENGINEERED BY
Chevy	19	25943	WHITE	56		X		N	
STOCK NO.	V.I.N. NO.	BED WIDTH	COMPT. DEPTH	OVERALL WIDTH					
		49	15	79					

QTY	PART NO./DESCRIPTION	UNIT PRICE	EXT PRICE
	<div style="display: flex; justify-content: space-between;"> <span>CURB SIDE VO</span> <span>STREET SIDE VO</span> </div> DEALER CREW CAB CHASSIS SRW 56"CA BUILD IN CARSON INSTALL IN MESA		
1	40-VO-98 40"H ROYAL BODY w/OPEN TOP LID		
1	R-1-98-15-ECC EXT/CREW TAPERED OVER CAB RACK W/SWING AWAY X-BAR - 98"		
1	H-2SC SERVICE BODY/COMBO CLASS 5 RECEIVER HITCH (2-1/2" RECEIVER TUBE) AND HITCH INSERT, 16,000 LBS GTW		
1	H-4 7 BLADE/ 4 PIN TRAILER CONNECTOR		
1	MK98GMSG GM GAS MOUNTING KIT 98 SINGLE		
1	CAMGM CAMERA GM		

**THANK YOU FOR CHOOSING ROYAL TRUCK BODY!!!**

DEPOSIT AMT \_\_\_\_\_ CHECK NO \_\_\_\_\_ DRIVER'S LIC. \_\_\_\_\_ EXP I \_\_\_\_\_  
 RELEASED BY \_\_\_\_\_ DATE \_\_\_\_\_ KEY NO. \_\_\_\_\_  
 RECEIVED BY \_\_\_\_\_ DATE \_\_\_\_\_

In Consideration of allowing you to remove your vehicle from our premises prior to full payment of the underlying v  
 undersigned hereby agrees that if any litigation  
 this transaction the prevailing party shall be entitled to reimbursement for court costs and attorney's fees.

**SALES ORDER # 0289182**



# ROYAL Ladder Racks

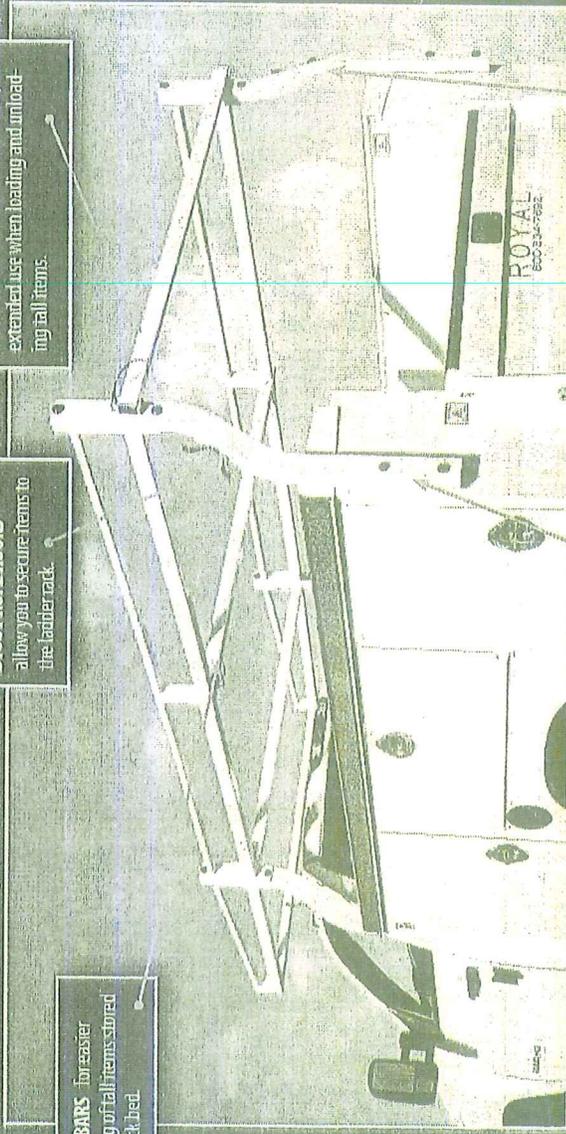
Ladder racks demand greater durability and impact resistance. Ours are powder coated and custom fabricated from 1.5"x3" heavy wall steel tubing. Powder coating provides protection against workday usage and high levels of corrosion such as salt, chemicals and humidity.

Royal Ladder Racks are custom designed to fit each available cab size. Our innovative manufacturing process provides superior strength. The one-piece Mandrel Bent legs ensure that the integrity of the ladder tubing is not compromised. The result is a strong part that eliminates the need for welds that can rust. Internal spacers prevent the tubing from collapsing as it is tightened to specifications. Our extra strength mandrel bent tapered legs are engineered to precisely match each truck body.

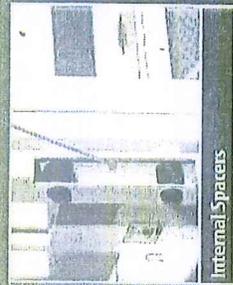
**REMOVABLE CROSSBARS** for easier loading and unloading of tall items stored in the front of the truck bed.

**STOUT ROPE HOODS** allow you to secure items to the ladder rack.

**SWING AWAY REAR CROSSBAR** Hinged crossbar can be secured out of the way for extended use when loading and unloading tall items.



Royal's superior ladder rack structure includes internal spacers inside our steel tubing to strengthen the legs and prevent the tubing from collapsing as it is tightened to specifications.



Internal Spacers

**ROYAL'S ONE-PIECE MANDREL BENT LEGS** This innovative manufacturing process ensures that the metal integrity is not compromised. The result is a strong part that eliminates the need for welds that can rust. Construction is of 1.5"x3" heavy wall tubing.



## Needles, California Request for Board Action

CITY COUNCIL       NPUA       BOARD OF PUBLIC UTILITIES  
 Regular       Special

**Meeting Date:** March 5, 2019

**Title:** Authorize Board Member(s) to attend the 2019 Solar Summit in Scottsdale, AZ on May 14-15, 2019

**Background:** Commissioner LeJeune has expressed an interest in attending the 2019 Solar Summit in Scottsdale -- see attached information and agenda

**Fiscal Impact:** Solar Summit (prior to April 12) = \$1,895  
Resort (1 or 2 person occupancy) = \$302.17  
Travel Per Diem = \$56 x 2 days = \$112  
**Total estimated cost per person = \$2,309**  
(does not include cost of fuel but assumes the use of a city vehicle for travel and will be slightly cheaper if double occupancy at Resort)

Line item #580-4750-473.31.40 (educational training) has an estimated balance of \$8,500

**Environmental Impact:**

**Recommended Action:** Motion to authorize \_\_\_\_\_ Board Members to attend the 2019 Solar Summit in Scottsdale, AZ on May 14-15, 2019

**Submitted By:**

**City Management Review:** Rick

**Date:** 2/28/19

Approved:       Not Approved:       Tabled:       Other:

Agenda Item: 3.

## solar summit 2019



Now in its 12th year, Solar Summit remains the premier conference for defining the latest industry needs for installers, developers, system manufacturers, financiers and regulators. With hundreds of high-caliber attendees, we will cover the latest developments in global solar markets, module technology, how the ITC stepdown will impact project finance, distributed solar emerging markets and much more.

### **THE PREMIER CONFERENCE FOR DEFINING FURTHER SOLAR INTEGRATION, EVALUATING SOLAR MARKET, TECH AND POLICY TRENDS**

As the solar industry gets ready for a decreasing ITC World, developers and asset owners are looking to optimize their pipeline, and it is now crucial to understand how to make the best procurement decisions and strategize when projects will be coming online. Combining our Wood Mackenzie Power & Renewables' internal research expertise with the views of U.S. and international solar leader, including top developers, installers, utilities, regulators and financiers, the Solar Summit 2019 discussions will break down how solar system performance, innovative finance mechanisms and development can offset the impact of the ITC stepdown on project margins.

### SPEAKERS

[Greentech Media](#) conferences provide a deep market intelligence platform and draw the most important industry players to convene, interact and learn from one another in concert with our team of analysts, executives, and journalists.

### 2019 Pricing

Timing	S3 Solar Software Summit (May 13)	Solar Summit (May 14-15)	Combined Pass *Save \$200!
Through April 12	\$995	\$1,895	\$2,690
April 13 - May 12	\$995	\$1,995	\$2,790
Onsite Pricing	\$1,095	\$2,095	\$2,990

Visit our [event website](#) for up-to-date agenda, speakers, and venue information.

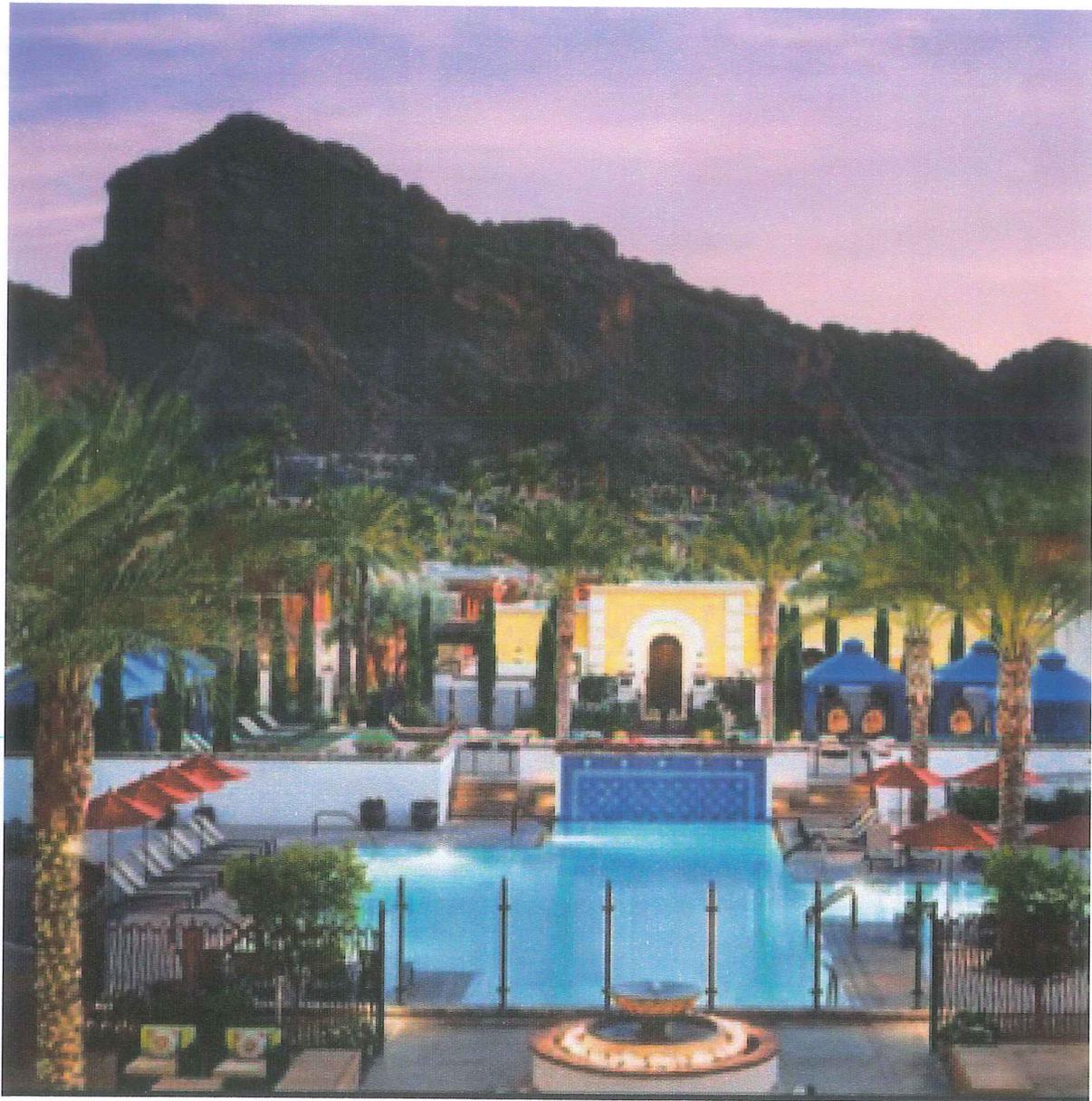
We're happy to offer government employees, students, utilities, non-profit organizations, small businesses and startups a discount. Please note all discounts must be applied at the time of registration and cannot be applied retroactively or combined with other offers. Please [contact us](#) to confirm pricing and eligibility.

\*First Name:

\*Last Name:

\*Email Address:

I am registering on behalf of this person



**Omni Scottsdale Resort & Spa at Montelucia**

4949 East Lincoln Drive  
Paradise Valley, AZ 85253

**RESERVATIONS**

(480) 627-3200 (tel:(480) 627-3200)

Resort Guest Room  
1 or 2 people  
1 King or 2 Queen Beds

Total \$302.17/night  
(includes resort fee  
& taxes)

# solar summit 2019

DAY 1 : MAY 14 (/EVENTS/LIVE/SOLAR-SUMMIT/AGENDA/)

DAY 2 : MAY 15 (/EVENTS/LIVE/SOLAR-SUMMIT/AGENDA/2)

## Day 1 : May 14

8:00 AM Breakfast & Check-In  
8:50 AM

8:50 AM Welcome and Opening Polling Session: Get to Know the Audience  
9:30 AM

Moderator: Julian Spector, Staff Writer, Greentech Media (/events/live/solar-summit/speakers#live-speaker-julian-spector)

9:30 AM Keynote Panel: The Role of Solar in the Energy Transition  
10:15 AM

How are solar leaders putting innovation at the center of their business models to gain uncharted levels of visibility on their operations and make better procurement decisions?

Tom Werner, President & CEO, SunPower (/events/live/solar-summit/speakers#live-speaker-tom-werner)  
Sandra Kennedy, Commissioner, Arizona Corporation Commission (/events/live/solar-summit/speakers#live-speaker-sandra-kennedy)  
Cris Eugster, Chief Operations Officer, CPS Energy (/events/live/solar-summit/speakers#live-speaker-cris-eugster)  
Mathew Sachs, Vice President, Distributed Energy, National Grid Ventures (/events/live/solar-summit/speakers#live-speaker-mathew-sachs)

Moderator: Julia Pyper, Senior Editor, Greentech Media (/events/live/solar-summit/speakers#live-speaker-julia-pyper)

10:15 AM Research Presentation: The Global Solar Outlook for 2019  
10:45 AM

An interdisciplinary group of Wood Mackenzie Power & Renewables analysts will discuss key growth drivers for global solar markets, breaking down predictions on the impact of supply / demand dynamics, technology advancements and international trade tensions.

Tom Heggarty, Senior Analyst, Wood Mackenzie Power & Renewables (/events/live/solar-summit/speakers#live-speaker-tom-heggarty1)

10:45 AM Networking Break  
11:15 AM

11:15 AM Panel: Maximizing Project Margins Throughout the ITC Phasedown

12:00 PM

Solar leaders will take part in a discussion around key capital origination, cost optimization and procurement strategies to weather the ITC stepdown storm while securing strong margins.

Kenneth Labeja, Director, Business Development, Avangrid (/events/live/solar-summit/speakers#live-speaker-kenneth-labeja1)

Scott Moskowitz, Director of Strategy and Market Intelligence, Hanwha Q CELLS America (/events/live/solar-summit/speakers#live-speaker-scott-moskowitz)

Phil Robinson, Director of Solar Project Structuring, Constellation Energy (/events/live/solar-summit/speakers#live-speaker-phil-robinson)

Moderator: Michelle Davis, Senior Analyst, Solar, Wood Mackenzie Power & Renewables (Previously GTM Research) (/events/live/solar-summit/speakers#live-speaker-michelle-davis)

12:00 PM Research Presentation: 2019 State Policy Compass

12:30 PM

Pinpointing U.S. solar growth opportunities in a declining ITC world.

Austin Perea, Senior Analyst, Wood Mackenzie Power & Renewables (Previously GTM Research) (/events/live/solar-summit/speakers#live-speaker-austin-perea)

12:30 PM Networking Lunch

1:30 PM

Sponsored By:



TRACK 1

Reaching New Highs in System Performance... and New Lows in Component Pricing

TRACK 2

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**Cost of Capital Outlook Amid the ITC Phasedown****TRACK 1**

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**1:30 PM**     **Research Presentation: Mapping System Pricing Reductions – How Far Can the Drop in Prices Go?****2:00 PM**

Describing the downward price trends for solar components in 2019-2020.

Benjamin Gallagher, Senior Analyst, Wood Mackenzie Power &amp; Renewables (Previously GTM Research) (/events/live/solar-summit/speakers#live-speaker-benjamin-gallagher)

**TRACK 2**

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**Research Presentation: Understanding Financial Risk for Solar in 2019-2022**

Examining the drivers for risk assessment for solar project finance as the ITC stepdown kickstarts.

Michelle Davis, Senior Analyst, Solar, Wood Mackenzie Power &amp; Renewables (Previously GTM Research) (/events/live/solar-summit/speakers#live-speaker-michelle-davis)

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**TRACK 1**

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**2:00 PM**     **Panel: Single-Axis Trackers & Bifacial Modules - Overall System Impacts on Performance and Costs****2:45 PM**

Breaking down the specific ways in which SATs and bifacial modules are resulting in better performing and more cost-effective solar systems.

Mitch Bowman, Director of Engineering, FTC Solar (/events/live/solar-summit/speakers#live-speaker-mitch-bowman)

Colin Caufield, VP of Sales, North America, Soltec (/events/live/solar-summit/speakers#live-speaker-colin-caufield)

Greg Beardsworth, Sr. Director of Product Management, NEXTracker (/events/live/solar-summit/speakers#live-speaker-greg-beardsworth)

Moderator: Benjamin Gallagher, Senior Analyst, Wood Mackenzie Power &amp; Renewables (Previously GTM Research) (/events/live/solar-summit/speakers#live-speaker-benjamin-gallagher)

**TRACK 2**

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**Panel: The Impact of the ITC Phasedown on Consumer Finance for Residential Solar**

How will the ITC phasedown impact demand for residential solar consumer finance offerings? What reactions can we expect from tax equity providers and banks? And how will that affect pricing for leases, PPAs and loans?

Alex McDonough, Vice President, Public Policy, Sunrun (/events/live/solar-summit/speakers#live-speaker-alex-mcdonough)

Tanguy Serra, Chief Strategy Officer, Loanpal (/events/live/solar-summit/speakers#live-speaker-tanguy-serra)

Erin Talbot, General Manager - Solar, Mosaic (/events/live/solar-summit/speakers#live-speaker-erin-talbot)

Moderator: Allison Mond, Senior Analyst, Wood Mackenzie Power &amp; Renewables (Previously GTM Research) (/events/live/solar-summit/speakers#live-speaker-allison-mond)

**TRACK 1**

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2:45 PM **Case Study: Beyond OEM Pricing – Reducing Installation Expenditures and Other Soft Costs**

3:15 PM Evaluating what strategies are being followed by solar component manufacturers EPCs, developers and/or installers to enhance operational efficiency -beyond OEM pricing reductions- to improve margins.

**TRACK 2**

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**Case Study: Financing Solar in Global Emerging Markets – Securing Public Debt**

A look at major solar finance trends in global emerging markets, from capitalizing on tax incentives to navigating national regulations and securing public debt.

**TRACK 1**

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3:15 PM **Networking Break**

3:45 PM

**TRACK 2**

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**Networking Break**

**TRACK 1**

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3:45 PM **Panel: Reducing Operational Costs – A Look into Enhanced Efficiency in Solar Asset Management and Operations & Maintenance**

4:30 PM

What are the key cost optimization drivers for solar asset management and Operations & Maintenance?

Chris Frantz, Vice President Asset Management, Cypress Creek Renewables (/events/live/solar-summit/speakers#live-speaker-christopher-frantz)

Dean Solon, Founder & CEO, Shoals Technologies Group (/events/live/solar-summit/speakers#live-speaker-dean-solon)

**TRACK 2**

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**Panel: Getting Solar + Storage Finance Right**

This session will break down risks associated with financing solar + storage from multiple standpoints and will evaluate the impact factors associated with revenue streams in these financing decisions.

Ryan Dings, Chief Operating Officer, Sunwealth (/events/live/solar-summit/speakers#live-speaker-ryan-dings)

Terry Grant, Managing Director, Marathon Capital (/events/live/solar-summit/speakers#live-speaker-terry-grant)

Jesse Grossman, CEO & Co-Founder, Soltage (/events/live/solar-summit/speakers#live-speaker-jesse-grossman)

Moderator: Daniel Finn-Foley, Senior Analyst, Energy Storage, Wood Mackenzie Power & Renewables (Previously GTM)

Research) (/events/live/solar-summit/speakers#live-speaker-daniel-finn-foley)

## TRACK 1

**4:30 PM**     **Panel: Maximizing the Performance of Legacy Assets Through Repowering to Drastically Improve System Economics**  
**5:15 PM**

What technologies and strategies are being deployed by EPCs, developers and inverter manufacturers to repower legacy assets? And what is the impact of repowering on overall cost savings and system economics?

Swinerton Renewable Energy, , (/events/live/solar-summit/speakers#live-speaker-swinerton-renewable-energy)

Moderator: Lindsay Cherry, Analyst, Solar, Wood Mackenzie Power & Renewables (Previously GTM Research) (/events/live/solar-summit/speakers#live-speaker-lindsay-cherry1)

## TRACK 2

### Panel: Enhancing Flexibility in Solar Corporate PPAs

Corporate PPAs drove a quarter of total solar capacity procured in 2018. But there is one key demand corporate offtakers keep calling for: more flexible procurement and contractual structures. This panel discussion will review potential ways in which developers and financiers can satisfy these needs for flexibility.

Gerry DaRosa, Director of Energy Innovations, Arizona State University (/events/live/solar-summit/speakers#live-speaker-gerry)

Moderator: Colin Smith, Senior Analyst, Wood Mackenzie Power & Renewables (formerly GTM Research) (/events/live/solar-summit/speakers#live-speaker-colin-smith)

## TRACK 1

**5:15 PM**     **Closing Roundtable: A 5-Year Technology Outlook for Module, Tracker and Inverter Systems**  
**5:45 PM**

What are the key emerging trends impacting system performance and LCOEs for module, tracker and inverter systems in the next five years?

This roundtable discussion will venture into the near future to see what's cooking in the R&D departments of the leading module, tracker and inverter manufacturers in the industry.

When it comes to module technology, we will look at at different silicon cell typologies: from p-type to n-type cells, as well as emerging cell types such as PERC, IBC and HIT. Also, we will evaluate what might be next for module design, including building-integrated photovoltaics.

In terms of trackers, we will look at what the next 5 years will bring in the smart trackers space (and LCOE improvements associated with improving sun path predictions), as well as how tracker design improvements can reduce exposure to increases in material costs, particularly steel costs.

On the inverter side of things, we will focus on silicon carbide, design trends for inverters and efficiencies on DC-to-AC conversion.

Nigel Cockroft, General Manager, Jinko Solar U.S. Inc. (/events/live/solar-summit/speakers#live-speaker-nigel-cockroft)

Moderator: Benjamin Gallagher, Senior Analyst, Wood Mackenzie Power & Renewables (Previously GTM Research) (/events/live/solar-summit/speakers#live-speaker-benjamin-gallagher)

**TRACK 2**

**Closing Roundtable: Seizing the Solar Development Opportunity in Opportunity Zones**

Led by solar investment experts, this closing roundtable discussion will decipher how the Opportunity Zones incentive framework -which offers tax benefits to equity investors that put money into over 8,700 designated "economically distressed" opportunity areas across the United States- could benefit solar development in these rural and urban underprivileged zones.

This industry conversation will shed light on the mechanics, qualifications and potential reductions for cost of capital of what has been described as a 'watershed moment' for the clean energy industry.

The discussion will also outline the level of interest opportunity zone funds have signalled towards solar, and how industry advocacy efforts can help this innovative finance strategy gain steam.

Stephen Tracy, Partner, Novogradac (/events/live/solar-summit/speakers#live-speaker-stephen-tracy)

Moderator: Scott Clavenna, Chairman, Greentech Media (/events/live/solar-summit/speakers#live-speaker-scott-clavenna)

5:45 PM    Networking Reception  
7:45 PM

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# solar summit 2019

DAY 1 : MAY 14 (/EVENTS/LIVE/SOLAR-SUMMIT/AGENDA/)

DAY 2 : MAY 15 (/EVENTS/LIVE/SOLAR-SUMMIT/AGENDA/2)

## Day 2 : May 15

### Paving the Way for Future Solar Markets

9:00 AM **Breakfast Briefing: The New Paradigm – Solar + Storage’s Role in the Energy Transition**

9:30 AM

Solar + storage deployment has grown exponentially over the course of the last 12 months. Our energy storage experts at Wood Mackenzie Power & Renewables will analyze key technology, economic and policy drivers at a global scale for the next three years, explaining why solar + storage is such a key step in enhancing the energy system of the future.

Daniel Finn-Foley, Senior Analyst, Energy Storage, Wood Mackenzie Power & Renewables (Previously GTM Research) (/events/live/solar-summit/speakers#live-speaker-daniel-finn-foley)

Colin Smith, Senior Analyst, Wood Mackenzie Power & Renewables (formerly GTM Research) (/events/live/solar-summit/speakers#live-speaker-colin-smith)

9:30 AM **Keynote Interview**

10:00 AM

Shelee Kimura, Senior Vice President Business Development & Strategy, Hawaiian Electric (/events/live/solar-summit/speakers#live-speaker-shelee-kimurasi)

Moderator: Emma Foehringer Merchant, Writer, Greentech Media (/events/live/solar-summit/speakers#live-speaker-emma-foehringer-merchant)

10:00 AM **Emerging Tech Speed Pitch**

10:10 AM

A groundbreaking solar startup will present a rapidfire pitch session on the potential for disruption -and the road to commerciality and scalability- of its technology.

10:10 AM **Live Podcast**

11:10 AM

11:10 AM **Networking Break**  
11:40 AM

11:40 AM **Case Study: Resiliency – Solar’s Input in Microgrids**  
12:00 PM

In a world that faces increasing disruption and losses from extreme weather events and climate change, solar can be an essential element in securing alternative power systems. This case study will analyze a solar-led microgrid in an emerging country facing a record-breaking storm.

Dr. Charlie Gay, Solar Energy Technologies Office Director, Office of Energy Efficiency & Renewable Energy of the U.S. Department of Energy (</events/live/solar-summit/speakers#live-speaker-dr.-charlie-gay>)

12:00 PM **Emerging Tech Speed Pitch**  
12:10 PM

A groundbreaking solar startup will present a rapidfire pitch session on the potential for disruption -and the road to commerciality and scalability- of its technology.

12:10 PM **Panel: Ensuring Equitable Access to Solar**  
12:55 PM

What efforts are being made to ensure equitable access to solar? What advocacy, policy and infrastructure efforts are being undertaken to ensure all customers have equal access to electricity generated through solar.

Louis C. Ting, Director of Power Planning Development & Engineering, Los Angeles Department of Water and Power (</events/live/solar-summit/speakers#live-speaker-louis-c-ting>)

Melanie Santiago-Mosier, Senior Director for Access & Equity, Vote Solar (</events/live/solar-summit/speakers#live-speaker-melanie-santiago-mosier>)

MJ Shiao, Director of Community Solar, Arcadia Power (</events/live/solar-summit/speakers#live-speaker-mj-shiao>)

Andie Wyatt, Policy & Regulatory Manager, GRID Alternatives (</events/live/solar-summit/speakers#live-speaker-andie-wyatt>)

Moderator: Ken Berlin, Executive Director, The Climate Reality Project (</events/live/solar-summit/speakers#live-speaker-ken-berlin>)

12:55 PM **Case Study: Solar for New Construction: 3 Key Tools to Crack the Fastest Growing Sector in Solar**  
1:15 PM

In 2020, every new home in California will be required to have a solar installation. California isn't alone, there are similar mandates in other parts of the country as over 100 regions push forward to hit 100% carbon-free renewable energy goals. Designing and selling solar for new construction requires a new set of tools, and a fundamental rethink of the processes by which to demonstrate the best solar installation to potential buyers.

Samuel Adeyemo, Chief Operating Officer, Aurora Solar (</events/live/solar-summit/speakers#live-speaker-samuel-adeyemo>)

1:15 PM **Lunch**  
2:15 PM

2:15 PM **Research Presentation: Emerging Community Solar Markets – Towards True Scalability**

2:45 PM [Austin Perea, Senior Analyst, Wood Mackenzie Power & Renewables \(Previously GTM Research\)](#)  
(/events/live/solar-summit/speakers#live-speaker-austin-perea)

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2:45 PM **Emerging Tech Speed Pitch**

2:55 PM

A groundbreaking solar startup will present a rapidfire pitch session on the potential for disruption -and the road to commerciality and scalability- of its technology.

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2:55 PM **Panel: Winds of Change – A Look at Wind-Dominated State Markets That Will Become More Solar-Prone in 2019-2022**

3:40 PM

As infrastructure, policy and technology drivers evolve over time, state markets that were once completely dominated by its wind potential are showing signs of becoming more solar-prone in the next few years. And vice versa. This panel discussion will tackle the factors impacting these transitions, and how developers, utilities and system operators can capitalize on these new energy scenarios across the U.S.

[Hans Isern, SVP of Origination, sPower](#) (/events/live/solar-summit/speakers#live-speaker-hans-iseren)

[Brian O'Hara, Senior Vice President Strategy & Markets, Strata Solar](#) (/events/live/solar-summit/speakers#live-speaker-brian-ohara)

Moderator: [Chad Singleton, Principal Analyst - Americas Power & Renewables, Wood Mackenzie](#)  
(/events/live/solar-summit/speakers#live-speaker-chad-singleton)

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3:40 PM **Closing Recap Session with Wood Mackenzie Power & Renewables Analysts**

4:00 PM

Our team of solar analysts at Wood Mackenzie Power & Renewables will summarize the key takeaways of the day, setting some time aside to cover any audience questions that might remain unanswered.

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◀ **DAY 1 (/EVENTS/LIVE/SOLAR-SUMMIT/AGENDA/1)**

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 A Wood Mackenzie Business



## Needles, California Request for Board Action

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CITY COUNCIL       NPUA       BOARD OF PUBLIC UTILITIES  
 Regular       Special

**Meeting Date:** March 5, 2019

**Title** Nitrate Monitoring Violation for Calendar Year 2018

**Background:** Last week the City was cited for failure to test the water quality (Nitrate) at its wells during December 2018. The City/NPUA has until March 25 to correct the situation. The water department is responsible for water testing and reporting in compliance with the Safe Water Drinking Water Act. There will be a fine for the violation which has not yet been determined for failure to adequately test and report results. Additionally, the City/NPUA will be required to notify the customers that there was a failure to maintain compliance.

Jerry Porter, chief water plant operator, reports that nitrate samples were pulled in January 2019 and came back within range. A sample was not pulled for well 12 as it is offline. Jerry will report on further corrective measures that he will undertake to correct the violation.

**Fiscal Impact:** Not known at this time

**Recommendation:** Full and urgent response to the corrective measures noted in the citation.

**Submitted By:** Rick Daniels, City Manager

**City Management Review:** R. Daniels

**Date:** 2/28/19

Approved:

Not Approved:

Tabled:

Other:

Agenda Item: 4.



GAVIN NEWSOM  
GOVERNOR



JARED BLUMENFELD  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## State Water Resources Control Board

Division of Drinking Water

February 22, 2019

System No. 3610032

Jerry Porter, Chief Operator  
City of Needles  
817 Third Street  
Needles, CA 92363  
[jporter@cityofneedles.com](mailto:jporter@cityofneedles.com)

Dear Mr. Porter:

### **CITATION NO. 05-13-19C-007 NITRATE MONITORING VIOLATION FOR CALENDAR YEAR 2018**

Enclosed is Citation No. 05-13-19C-007 (hereinafter "Citation"), issued to the City of Needles (hereinafter "City"), public water system. Please note there are legally enforceable deadlines associated with this Citation.

The City will be billed at the State Water Resources Control Board's (hereinafter "State Water Board"), hourly rate for the time spent on issuing this Citation. California Health and Safety Code (hereinafter "CHSC"), Section 116577, provides that a public water system must reimburse the State Water Board for actual costs incurred by the State Water Board for specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with a citation. At this time, the State Water Board has spent approximately 2 hours on enforcement activities associated with this violation.

The City will receive a bill sent from the State Water Board in August of the next fiscal year. This bill will contain fees for any enforcement time spent on the City for the current fiscal year.

Any person who is aggrieved by a citation, order or decision issued under authority delegated to an officer or employee of the state board under Article 8 (commencing with CHSC, Section 116625) or Article 9 (commencing with CHSC, Section 116650), of the Safe Drinking Water Act (CHSC, Division 104, Part 12, Chapter 4), may file a petition with the State Water Board for reconsideration of the citation, order or decision.

Petitions must be received by the State Water Board within 30 days of the issuance of the citation, order or decision by the officer or employee of the state board. The date of issuance is the date when the Division of Drinking Water mails a copy of the citation, order or decision. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day by 5:00 p.m.

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

464 W. 4th Street, #437, San Bernardino, CA 92401 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

System No. 3610032

February 22, 2019

Information regarding filing petitions may be found at:

[http://www.waterboards.ca.gov/drinking\\_water/programs/petitions/index.shtml](http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml)

If you have any questions regarding this matter, please contact Hector Cazares of my staff at (909) 383-4312 or me at (909) 383-4328.

Sincerely,



Eric J. Zúñiga, P.E.  
District Engineer  
San Bernardino District  
Southern California Field Operations Branch

Enclosures

Certified Mail No. 7017 0660 0001 1704 8372

cc: San Bernardino County Department of Public Health

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**STATE OF CALIFORNIA**  
**STATE WATER RESOURCES CONTROL BOARD**  
**DIVISION OF DRINKING WATER**

**Name of Public Water System:** City of Needles

**Water System No:** 3610032

**Attention:** Jerry Porter, Chief Operator

817 Third Street  
Needles, CA 92363

**Issued:** February 22, 2019

**CITATION FOR NONCOMPLIANCE WITH**  
**CALIFORNIA HEALTH AND SAFETY CODE, SECTION 116555(a)(1) AND**  
**CALIFORNIA CODE OF REGULATIONS, TITLE 22, SECTION 64432.1(a)**

**NITRATE MONITORING VIOLATION**  
**CALENDAR YEAR 2018**

The California Health and Safety Code (hereinafter "CHSC"), Section 116650 authorizes the State Water Resources Control Board (hereinafter "State Water Board"), to issue a citation to a public water system when the State Water Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit, or order issued or adopted thereunder.

1 The State Water Board, acting by and through its Division of Drinking Water  
2 (hereinafter "Division"), and the Deputy Director for the Division, hereby issues  
3 Citation No. 05-13-19C-007 (hereinafter "Citation"), pursuant to Section 116650 of the  
4 CHSC to the City of Needles (hereinafter "City"), for violation of CHSC, Section  
5 116555(a)(1) and California Code of Regulations (hereinafter "CCR"), Title 22,  
6 Section 64432.1(a).

7  
8 **STATEMENT OF FACTS**

9 The City is classified as a Community public water system with a population of 3631,  
10 serving 1690 connections. The City operates under Domestic Water Supply Permit  
11 No. 03-92-030, issued by the State Water Board on January 8, 1993.

12  
13 CHSC, Section 116555(a)(1) requires all public water systems to comply with  
14 primary drinking water standards as defined in CHSC, Section 116275(c). Primary  
15 drinking water standards include maximum levels of contaminants and the  
16 monitoring and reporting requirements as specified in regulations adopted by the  
17 State Water Board that pertain to maximum contaminant levels.

18  
19 Pursuant to CCR, Title 22, Section 64432.1(a), the City is required to collect one  
20 sample annually for nitrate testing from each source. During the 2018 compliance  
21 period, the City failed to collect nitrate samples for the raw water sources listed in  
22 the table below:

23

<i>City of Needles - 3610032</i>	
<b>Source Name</b>	<b>Primary Station Code</b>
WELL 12	3610032-008
WELL 11	3610032-007
WELL 08	3610032-005
WELL 15	3610032-015

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**DETERMINATION**

The State Water Board has determined that the City has failed to comply with primary drinking water standards pursuant to CHSC, Section 116555(a)(1) and nitrate monitoring requirements pursuant to CCR, Title 22, Sections 64432.1(a).

**DIRECTIVES**

The City is hereby directed to take the following actions:

1. On or before **March 25, 2019**, notify all persons served by the City of the violation of CCR, Title 22, Section 64432.1(a), in conformance with Sections 64463.4(b) and (c) and 64465. Appendix 1: Notification Template shall be used to fulfill this Directive unless otherwise approved by the State Water Board. **The City must edit the wording of the sample notification as necessary.** The notification shall be completed in accordance with the following:

- By mail or direct delivery of the Public Notification to each customer served by the water system and;
- By one of the following secondary methods to reach persons not likely to be reached by mail or direct delivery;
  - By publication in a local newspaper, by delivery to community organizations or by posting in conspicuous public places served by the water system or on the internet. If the water system opts to issue the notice via internet website, the public notice shall remain posted for a minimum of seven (7) consecutive days.

- 1 2. Complete Appendix 2: Compliance Certification Form. Submit it together with a  
2 copy of the public notification required by Directive 1 to the State Water Board  
3 on or before **April 8, 2019**.  
4
- 5 3. The City shall ensure that monitoring is conducted annually for nitrate from all its  
6 active sources and that the laboratory, which conducts the analysis, submits the  
7 analytical results electronically by a State Water Board approved method no later  
8 than the 10<sup>th</sup> day of the month following completion of the analyses.  
9

10 The City shall collect and report the 2018 annual nitrate sample results from the  
11 raw water sources listed in the table below by March 25, 2019.  
12

<i>City of Needles - 3610032</i>	
<b>Source Name</b>	<b>Primary Station Code</b>
WELL 12	3610032-008
WELL 11	3610032-007
WELL 08	3610032-005
WELL 15	3610032-015

- 13
- 14 4. The City shall include this violation in the 2018 Consumer Confidence Report in  
15 accordance with CCR, Title 22, Section 64481(g)(1).  
16

17 All submittals required by this Citation, with exception of analytical results, shall be  
18 electronically submitted to the State Water Board at the following address. The  
19 subject line for all electronic submittals corresponding to this Citation shall include  
20 the following information: Water System name and number, citation number and  
21 title of the document being submitted.  
22

23 Eric J. Zúñiga, P.E.

24 [Dwpdist13@waterboards.ca.gov](mailto:Dwpdist13@waterboards.ca.gov)

1 The State Water Board reserves the right to make modifications to this Citation as it  
2 may deem necessary to protect public health and safety. Such modifications may  
3 be issued as amendments to this Citation and shall be effective upon issuance.  
4

5 Nothing in this Citation relieves the City of its obligation to meet the requirements of  
6 the California SDWA (CHSC, Division 104, Part 12, Chapter 4, commencing with  
7 Section 116270), or any regulation, standard, permit or order issued or adopted  
8 thereunder.

9  
10 **PARTIES BOUND**

11 This Citation shall apply to and be binding upon the City, its owners, shareholders,  
12 officers, directors, agents, employees, contractors, successors, and assignees.

13  
14 **SEVERABILITY**

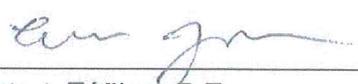
15 The directives of this Citation are severable, and the City shall comply with each and  
16 every provision thereof notwithstanding the effectiveness of any provision.  
17

18 **FURTHER ENFORCEMENT ACTION**

19 The California SDWA authorizes the State Water Board to: issue a citation or order  
20 with assessment of administrative penalties to a public water system for violation or  
21 continued violation of the requirements of the California SDWA or any regulation,  
22 permit, standard, citation, or order issued or adopted thereunder including, but not  
23 limited to, failure to correct a violation identified in a citation or compliance order.

24 The California SDWA also authorizes the State Water Board to take action to  
25 suspend or revoke a permit that has been issued to a public water system if the  
26 public water system has violated applicable law or regulations or has failed to comply  
27 with an order of the State Water Board, and to petition the superior court to take

1 various enforcement measures against a public water system that has failed to  
2 comply with an order of the State Water Board. The State Water Board does not  
3 waive any further enforcement action by issuance of this Citation.

4  
5   
6 Eric J. Zúñiga, P.E.  
7 District Engineer  
8 San Bernardino District  
9 Southern California Field Operations Branch

2/22/19  
Date

- 10  
11 Appendices (2):  
12 1. Notification Template  
13 2. Compliance Certification Form



14  
15 Certified Mail No. 7017 0660 0001 1704 8372  
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**APPENDIX 1. NOTIFICATION TEMPLATE****IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**

Este informe contiene información muy importante sobre su agua potable.  
Por favor hable con alguien que lo pueda traducir.

**Nitrate Monitoring Requirements  
Not Met for City of Needles During 2018**

Our water system failed to monitor as required for drinking water standards during 2018 and, therefore was in violation of the regulations. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we did to correct the situation.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During calendar year 2018, we did not collect nitrate samples from the sources listed in the table below and therefore, cannot be sure of the quality of our drinking water during that time.

**What should I do?**

- There is nothing you need to do at this time.
- The table below lists the contaminant we did not properly test for during the calendar year 2018, how many samples we are required to take and how often, how many samples we took, when samples should have been taken, and the date on which follow-up samples will be taken.

Contaminant	Required sampling frequency	Number of samples taken	When all samples should have been taken	When samples will be taken
Nitrate	Minimum is one sample annually from WELL 12 WELL 11 WELL 08 WELL 15	None	During calendar year 2018	

- If you have health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What is being done? \_\_\_\_\_

\_\_\_\_\_

[Describe corrective action] \_\_\_\_\_

\_\_\_\_\_

We anticipate resolving the problem within [estimated time frame]

\_\_\_\_\_

For more information, please contact:

[Name of Contact] \_\_\_\_\_

[Phone Number] or \_\_\_\_\_

[Mailing Address] \_\_\_\_\_

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.*

**Secondary Notification Requirements**

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- SCHOOLS: Must notify school employees, students, and parents (if the students are minors).
- RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS (including nursing homes and care facilities): Must notify tenants.
- BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS: Must notify employees of businesses located on the property.

This notice is being sent to you by City of Needles in compliance with the California Domestic Water Quality and Monitoring Regulations as a means of keeping the public informed.

State Water System ID: 3610032 Date distributed: [Date-PN Distribution]

**APPENDIX 2. COMPLIANCE CERTIFICATION**

**Citation Number:** 05-13-19C-007

**Name of Water System:** City of Needles

**System Number:** 3610032

**Certification**

I certify that the users of the water supplied by this water system were notified of the nitrate monitoring violation of California Code of Regulations, Title 22, Section 64432.1(a) for the compliance period of 2018 and the required actions listed below were completed.

Required Action	Date Completed
(Citation Directive 1) Public Notification Method(s) Used: _____	
(Citation Directive 3) Nitrate Sample Collection Date: _____	

\_\_\_\_\_  
Signature of Water System Representative

\_\_\_\_\_  
Date

**Attach a copy of the public notice distributed to the water system's customers.**

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE STATE WATER BOARD,  
DIVISION OF DRINKING WATER, NO LATER THAN APRIL 8, 2019.**

**Disclosure:** Be advised that the California Health and Safety Code, Sections 116725 and 116730 state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the Safe Drinking Water Act may be liable for, respectively, a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation or, for continuing violations, for each day that violation continues, or be punished by a fine of not more than \$25,000 for each day of violation, or by imprisonment in the county jail not to exceed one year, or by both the fine and imprisonment.



# City of Needles, California Board Information

CITY COUNCIL/NPUA  Board of Public Utilities  Regular  Special

**Meeting Date:** March 5, 2019

**Title:** Ad Hoc Committee Status Report on Solar Farm

**Background:** Staff and the Committee meet with Mr. Osterholt and Mr. Payson (developers) on Monday, February 25, 2019 to discuss the proposed solar farm development. The Committee has provided the NPUA load requirements (including hydro allocations) and locations of City owned land to the developer. The developers have proposed the following;

- Approximately 25 MW can be supplied.
- Multiple locations can be used. 25-30 acres of land is needed.
- Long term PPA needed.
- No proposed battery system included but can be a future addition.

The developer will be providing the Committee with a proposed load interval for the solar farm to ensure all hydro allotments are properly included and to get a better estimate of solar power to be generated.

**Fiscal Impact:** To be determined

**Recommended Action:** N/A

**Submitted By:** Rainie Torrance, Senior Accountant

**City Management Review:** Rick

**Date:** 2/28/19

Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>	Tabled: <input type="checkbox"/>	Other: <input type="checkbox"/>
			Agenda Item: <u>5.</u>



## City of Needles, California Board Information

CITY COUNCIL/NPUA  Board of Public Utilities  Regular  Special

**Meeting Date:** March 5, 2019

**Title:** Ad Hoc Committee Status Report on Net Energy Interconnect Agreement

**Background:** Staff and the Committee meet on Monday, February 25, 2019 to discuss legal councils' comments on the proposed changes to the Interconnect Agreement.

Legal has provided PUC section 2827 (SB1) and the Committee has begun reviewing to incorporate full compliance in the NPUA's Interconnect Agreement. The Committee will meet again on Monday, March 4<sup>th</sup> to begin drafting a proposed Interconnect Agreement which will be submitted to the BPU in late March.

**Fiscal Impact:** To be determined

**Recommended Action:** N/A

**Submitted By:** Rainie Torrance, Senior Accountant

**City Management Review:** *Rick*

**Date:** *2/28/19*

Approved:

Not Approved:

Tabled:

Other:

Agenda Item: 6.



# Needles, California Request for Board Action

CITY COUNCIL       NPUA       BOARD OF PUBLIC UTILITIES  
 Regular       Special

**Meeting Date:** March 5, 2019

**Title:** EUSI, LLC operational support services relating to the wastewater treatment facility and collection system January 2019

**Background:** See attached report

**Fiscal Impact:**

**Environmental Impact:**

**Recommended Action:** No action needed - information only

**Submitted By:**

**City Management Review:**       Pick      

**Date:**       2/27/19      

Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>	Tabled: <input type="checkbox"/>	Other: <input type="checkbox"/>
			Agenda Item: <u>      7      </u>

**EUSI, LLC Operational Support Services relating  
To the  
Wastewater Treatment Facility and Collection System  
January 2019**

Mr. Rick Daniels,

Please find below a summary of our services provided associated with the operational support services for the wastewater treatment facilities for the month of January 2019.

- The monthly daily average flow for January 2019 was 0.346 MGD.
- Coordinated with the laboratory that provides testing and analytical services for the City sample collection and analytical results.
- Conducted in-house process control testing for the SBRs.
- Sent out the weekly and monthly compliance samples as required by the monitoring permit.
- Coordinated with control system integrator to improve maintenance features in the program to allow equipment to be taken out of service without setting off nuisance alarms.
- Tested plant and lift station alarm callouts for high water and control panel failures.
- Ongoing coordination with administrative staff and with finance at 3<sup>rd</sup> street.
- Serviced entry gate and inspected facility perimeter fences.
- Completed monthly service on the 4" trash pump and Kubota tractor.
- Preventive Maintenance Program and preventative maintenance activities are ongoing.
- Completed the bar screen service with inspection.
- Plowed percolation pond #3 in preparation for future use.
- Decanted digester to limit the amount of sludge that has to be pumped out to the drying beds.
- Drained sludge from the digester to drying beds 7, 9, 11, 13, and 15 to manage the digester level.
- Completed weekly inspection of the emergency generator prior to and during its weekly test runs.
- Removed floating debris and plastics from the Bazoobuth, K-street, and Jack Smith Park lift stations.
- Regular weed control at perimeter fence and around the wastewater facilities and pump stations.
- Took used oil to City yard and completed necessary paperwork for the hazmat log.
- Conducted ongoing meetings for regular communication with City staff regarding items associated with the overall wastewater system.
- Training of recent hire on lift stations and treatment plant operations and walk through tasks.
- Fiber optic cable was installed to replace the phone lines at the plant.

**Supplemental Repair Services, Exceptional Event(s) and Other Notable Information:**

- January 9, 2019 completed the installation of the conduit for the transfer pump float and power wires to protect them from the elements and installed signs to the exterior of the Bazoobuth lift station (5.5 hrs = \$412.50).
- January 13, 2019 operations staff installed new bearings on the odor control blower at the Bazoobuth lift station (1.5 hrs = \$112.50).
- January 19, 2019 operations staff was called out for a control panel alarm at 0145 hrs. The control panel had no power and the generator was running. Staff found one of the main SBR mixing pumps had a tripped breaker and the power surge shut the control panel off. Staff had to reroute wiring to allow for this main mixing pump to operate as the circuit breaker failed. Staff ordered a spare circuit breaker for this pump and for the other major equipment. The plant equipment is now 20 years old and these are more prone to failure. This circuit breaker will be replaced at a later date and requires plant power shut down. (8.0 hrs = \$450.00)

- January 29, 2019 operations staff worked on repairing a drying bed valve. There are 24 valves associated with the 24 drying beds, staff continues to work on these as there is time to work them into the schedule. (1.0 Hr = \$75.00).
- January 31, 2019 operations staff repaired broken air supply line for the SBR #2 backflush valve (1.0 hr = \$75.00)

Should you have any questions regarding the monthly activity please feel free to contact me at 602-300-7946.

Sincerely,

Kris Hendricks, EUSI, LLC  
Managing Member