

**BEFORE THE GOVERNING BOARD OF THE  
WILLOWS UNIFIED SCHOOL DISTRICT  
COUNTY OF GLENN, STATE OF CALIFORNIA**

**RESOLUTION #2013-14-03**

**RESOLUTION OF PROJECT EXEMPTION FROM  
THE CALIFORNIA ENVIRONMENTAL QUALITY ACT**

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**WHEREAS**, the Willows Unified School District Board of Trustees (“Board”) has endorsed the goal of energy efficiency and directed staff to develop energy efficient practices for use at existing District sites; and

**WHEREAS**, June 27, 2012, the Board gave approval to enter into negotiations with Indoor Environmental Services (“IES”) and its associated entities concerning energy efficiency improvements to District sites and the installation of photovoltaic systems on selected sites; and

**WHEREAS**, on October 11, 2012, the Board held a public hearing during its regularly scheduled Board meeting, pursuant to the Government Code sections 4217.10, *et seq.*, on a proposal to enter into an Agreement from IES’s special purpose entity, IEC Power, LLC (“IEC”), to construct, install, operate and maintain photovoltaic systems and energy efficiency measures (“Solar Project”) on the ground on existing property at Murdock Elementary School and Willows Intermediate School, and on a shade structure at Willows High School (“Sites”) in the locations identified in Attachment A, incorporated herein as if fully set forth; and

**WHEREAS**, on October 11, 2012, at its regularly scheduled Board meeting, the Board adopted Resolution #2012-13-09 and made the findings required by Government Code section 4217.10, *et seq.* based on the data presented to the Board, including data compiled by IES/IEC; and

**WHEREAS**, the District analyzed the Solar Project under the requirements of the California Environmental Quality Act as set forth in Public Resources Code section 21000, *et seq.* (“CEQA”); and

**WHEREAS**, the Sites are on property currently and historically utilized by the District; and

**WHEREAS**, the Solar Project consists of installation of a cogeneration project of 50MW or less in net generating capacity on the Sites, and is a minor alteration of existing facilities that will cause negligible or no expansion of the existing use of the Sites.

**NOW THEREFORE, BE IT RESOLVED** that the Board has reviewed the Solar Project and finds that:

- pursuant to CEQA Guidelines sections 15301 and 15329 set forth in Title 14 of the California Code of Regulations, the Solar Project qualifies for a categorical exemption from further review as a minor alteration of existing facilities involving a negligible expansion of the existing use of the Sites; and as an installation of a cogeneration project that is 50MW or less in net generating capacity located at an existing facility; and
- pursuant to Public Resources Code section 21080.35, CEQA does not apply to the installation of a solar energy system on a rooftop or on an existing parking lot, such as the shade structure mounted portion of the Solar Project to be installed at Willows High School.

**BE IT FURTHER RESOLVED** that the Superintendent or his designee is authorized to prepare and file two Notices of Exemption with the Clerk of the County of Tehama, and is authorized to take such actions and execute such agreements and documentation necessary to affect the intent of this Resolution.

**THIS RESOLUTION WAS PASSED AND ADOPTED** by the Board of Trustees of the Willows Unified School District, Glenn County, California, on this 31st day of July, 2013, at a duly noticed meeting, by the following vote:

AYES: \_\_\_\_\_

NOES: \_\_\_\_\_

ABSTAIN: \_\_\_\_\_

ABSENT: \_\_\_\_\_

Signed and approved by me after its passage.

\_\_\_\_\_  
Alex Parisio, President

ATTEST: \_\_\_\_\_  
Mort Geivett, Ed.D. Secretary/Clerk

I, \_\_\_\_\_, Clerk/Secretary of the Board of Education of the Willows Unified School District, County of Glenn, do hereby certify the foregoing to be a full, true and correct copy of a resolution adopted by said Board at a special meeting held at Willows Intermediate School Library on July 31, 2013, which action is contained in the minutes of the meeting of said Board.

**ATTACHMENT A  
to RESOLUTION #2013-14-03**

PRELIMINARY SITE EVALUATION*				
SITE ADDRESS: 655 W. FRENCH STREET, WILLOWS, CA 95788				
SITE COORDINATES: LAT. 38.527087 LONG. -122.219337				
TOTAL PV SYSTEM AREA (SF)	PANEL ORIENTATION (FROM BUS NORTH)	NOMINAL SYSTEM RATING (kW-DC)	CALCULATED SYSTEM PRODUCTION (KWH/yr)	
2,740	10.488	180	180,240	

\*BASED ON SATELLITE IMAGERY AND ON-SITE MEASUREMENTS

PROPOSED SYSTEM COMPONENT DETAILS					
MAJOR SYSTEM COMPONENTS	QTY.	MODEL NO.	NOMINAL OUTPUT	DESIGN PARAMETERS	DETAILS
MODULES	360	CANADIAN SOLAR CS4P-230P	230 WATTS (EACH)	V <sub>m</sub> = 20.0V, I <sub>m</sub> = 5.10A	FIELD EMT GROUPED BY WIRETYPE AS SHOWN
INVERTER	2	AP-2000L EXHAUST/SHIELDING	20 kW (EACH)	20 AMP/200V/200V/100V	20 AMP/200V/200V/100V
IN-GRID	2	ADVANCED ENERGY SYSTEMS Q146	22.2 kW (EACH)	15% STRING/PHASE/STAGE TO BATTERY/STRING	(NWH/1A/PV/INVERTER)

MURDOCK ELEMENTARY					
METER NUMBER	BUSE SCHEDULE	PVE-LVM YEAR (EST)	EGG'S (KB)	PERMITTED ANNUAL USAGE (KWH)	GENERATED PRODUCTION (KWH)
722450	A-1	NA	20.48	186,400	160,200
1007054048	B-1	NA	-	9,040	-

SWITCHGEAR	
METER NUMBER	722450
MANUFACTURER	DUKANE ELECTRIC
SYSTEM	200V/120V 50-60HZ
CATALOGUE #	AM-LINE STYLE 20
BUS RATING	2000A
BUSCONNECT RATING	1600A



655 W. FRENCH STREET  
WILLOWS, CA 95788

#### CONDUCTOR PROPERTIES

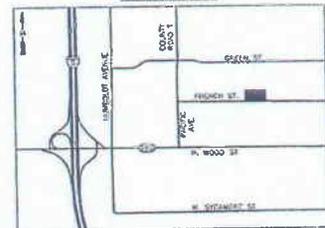
FROM	TO	LENGTH (FT)	AMPS	SIZE	VC TRIP DROP
INV1	ACR#1	195	24.8	8#	0.63%
INV2	ACR#2	230	24.8	8#	0.94%
INV3	ACR#3	65	27.9	8#	0.31%
INV4	ACR#4	80	27.9	8#	0.71%
ACR#1	ACR#2	600	104	200MCM	1.13%
ACR#1	DCR#1	10	240	200MCM	0.17%
DCR#1	POC#1	30	240	200MCM	0.23%

\* DENOTES COPPER CONDUCTOR

#### NOTES

- ALL LOCATIONS ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION.
- ALL AC CONDUCTORS ARE ALUMINUM UNLESS NOTED OTHERWISE.

#### VICINITY MAP



**PRELIMINARY**  
NOT FOR CONSTRUCTION



NO.	DATE	REVISION DESCRIPTION	DESIGN	CHECK	DATE

PROJECT OWNER  
**WILLOWS UNIFIED SCHOOL DISTRICT**

PROJECT SITE  
**MURDOCK ELEMENTARY SOLAR PV PROJECT WILLOWS, CA**

PROJECT TITLE  
**PV PRELIMINARY SITE LAYOUT**

DATE: 05/21/2013  
PROJECT NO: WUSD-01  
SHEET NO: SHEET 1 OF 1

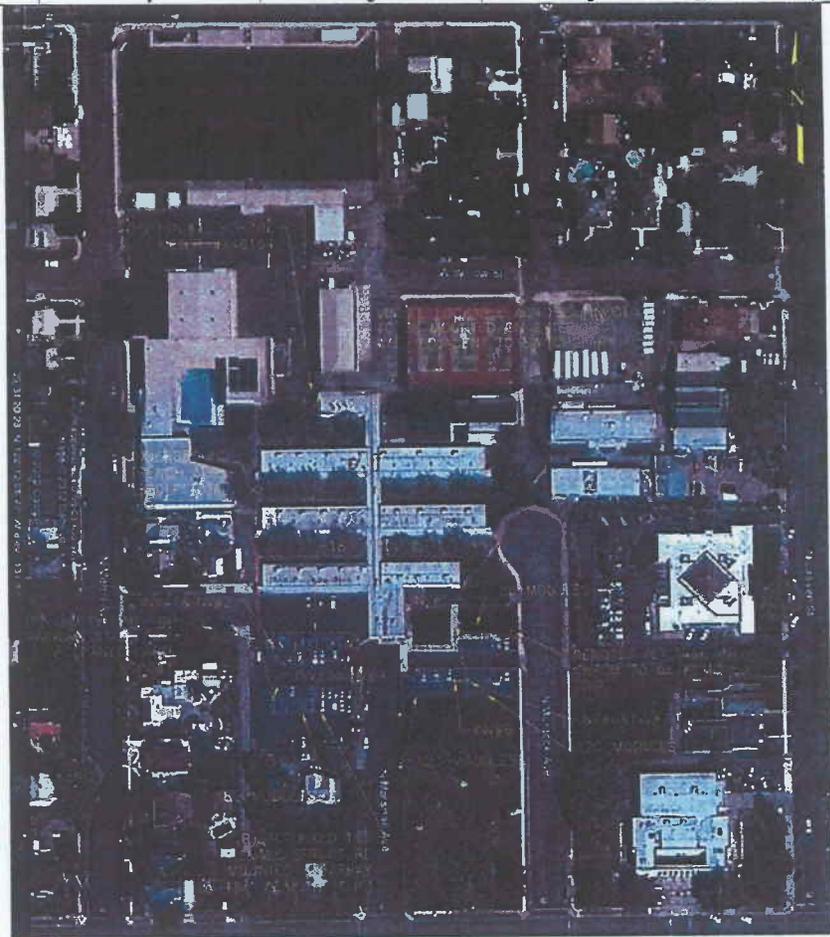
DESIGNED BY: [Signature]  
CHECKED BY: [Signature]  
DATE: 05/21/2013

IEC Integrated Engineers & Contractors Corporation  
2711 Greenwood Street, Berkeley, CA 94702 Phone: (925) 861-1100 Fax: (925) 861-1101

PLOT DATE: 5-8-2013

ISSUED PERIOD: MAY 21, 2013





203 N. MURDOCK AVE  
WILLOWS, CA 95988



PRELIMINARY SITE EVALUATION*			
SITE ADDRESS:	203 N MURDOCK AVE, WILLOWS, CA 95988		
SITE COORDINATES:	LAT: 38.5013817; LONG: -122.201704		
TOTAL PV SYSTEM AREA (SF)	TOTAL PV SYSTEM AREA (KW)	NOMINAL SYSTEM RATING (KW-STD)	SALEABLES ENERGY PRODUCTION (KWH/YR)
NA	14.542	180	293,740

PROPOSED SYSTEM COMPONENT DETAILS					
MAJOR SYSTEM COMPONENTS	QTY.	MODEL NO.	NOMINAL OUTPUT	DESIGN PARAMETERS	DETAILS
MODULES	800	GAUSSON SOLAR C24-350P	290 WATTS (EACH)	1/2" - 36 EV. W/ 8 1/4"	SHADE STRUCTURE MOUNTED ARRAY
INVERTER	2	ADVANCED ENERGY/ ESCOM C20K	23.2 KW (EACH)	10 STRINGS/INVERTER TO MODULES/INVERTER	4.5000 (NEW/INVERTER)
INVERTER	6	ADVANCED ENERGY/ ESCOM W30K	23 KW (EACH)	8 STRINGS/INVERTER TO MODULES/INVERTER	31.5000 (NEW/INVERTER)

WILLOWS HIGH					
METER NUMBER	RATE	PRE-EDM METER	CONF. PLAN LOAD	POSITION ANNUAL USAGE (KWH)	SALEABLES PRODUCTION (KWH)
X46164	A100K	256	29.62	444,276	293,740
100868202	A-1	NA	-	3,350	-
100868474	A-1	NA	-	3,742	-
100868515	A-1	NA	-	3,724	-

SWITCHGEAR	
METER NUMBER	346150
MANUFACTURER	SQUARE D
SYSTEM	800/277 34-48
CATALOGUE #	200-SERIES ACB701-30
BUS RATING	1200A
DISCONNECT RATING	1200A

CONDUCTOR PROPERTIES					
FROM	TO	LENGTH (LF)	AMPS	SIZE	VOLTAGE DROP
WP01	ACP01	35	24.1	80"	0.24%
WP02	ACP01	35	27.9	80"	0.21%
WP03	ACP01	95	24.1	80"	0.84%
WP04	ACP01	95	27.9	80"	0.56%
WP05	ACP01	270	24.1	80"	1.13%
WP06	ACP01	320	24.1	80"	1.41%
WP07	ACP01	330	24.1	80"	1.41%
WP08	ACP01	330	24.1	80"	1.40%
ACP01	POC1	300	200.4	250KCMIL	1.18%

**NOTES**

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PRELIMINARY  
NOT FOR CONSTRUCTION

**VICINITY MAP**



NO.	DATE	BY	APP'D	DESCRIPTION

**WILLOWS UNIFIED SCHOOL DISTRICT**



Integrated Engineers & Contractors Corporation  
10000 10th Street, Suite 200, Sacramento, CA 95820 Phone: (916) 486-8800 Fax: (916) 486-8801

**WILLOWS HIGH SOLAR PV PROJECT**  
WILLOWS, CA

**PV PRELIMINARY SITE LAYOUT**

DRAWING NO. **WUSD-03**

SHEET NO. **SHEET 1 OF 1**

# Notice of Exemption

## Appendix E

**To:** Office of Planning and Research  
P.O. Box 3044, Room 113  
Sacramento, CA 95812-3044  
County Clerk  
County of: Glenn  
516 West Sycamore Street  
Willows, CA 95988

**From: (Public Agency):** Willows Unified School District  
823 West Laurel St.  
Willows, CA 95988  
(Address)

Project Title: Solar Project

Project Applicant: Willows Unified School District

Project Location - Specific:  
Willows High School, 203 N. Murdock Avenue, Willows, CA 95988 (See attached map as Exhibit "A")

Project Location - City: Willows Project Location - County: Glenn

Description of Nature, Purpose and Beneficiaries of Project:  
An energy conservation project to construct, install, operate and maintain photovoltaic systems and energy efficiency measures mounted on a shade structure on existing property at Willows High School ("Site") for the benefit of the pupils and constituents of the Willows Unified School District and the District.

Name of Public Agency Approving Project: Willows Unified School District

Name of Person or Agency Carrying Out Project: Willows Unified School District

**Exempt Status: (check one):**

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: 14 C.C.R. 15301 and 14 C.C.R 15329
- Statutory Exemptions. State code number: 21080.35

Reasons why project is exempt:  
The property is currently and historically utilized by the District. The project consists of installation of a cogeneration project of 50MW or less in net generating capacity on the roof of a shade structure in a parking lot of the Site; is a minor alteration of the existing facilities; and will cause negligible or no expansion of the existing use of the Site.

Lead Agency  
Contact Person: Mort Geivett, Superintendent Area Code/Telephone/Extension: 530-934-6600

**If filed by applicant:**

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project?  Yes  No

Signature: \_\_\_\_\_ Date: July 31, 2013 Title: Superintendent

Signed by Lead Agency  Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.  
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: \_\_\_\_\_

**Notice of Exemption**

**Appendix E**

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 P.O. Box 3044, Room 113  
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 County Clerk  
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 516 West Sycamore Street  
 Willows, CA 95988

**From:** (Public Agency): Willows Unified School District  
 823 West Laurel St.  
 Willows, CA 95988  
 (Address)

Project Title: Solar Project

Project Applicant: Willows Unified School District

**Project Location - Specific:**

1. Murdock Elementary School, 655 W French Street, Willows, CA 95988 (See attached map as Exhibit "A")
2. Willows Intermediate School, 1145 W Cedar Street, Willows, CA 95988 (See attached map as Exhibit "B")

Project Location - City: Willows Project Location - County: Glenn

**Description of Nature, Purpose and Beneficiaries of Project:**

An energy conservation project to construct, install, operate and maintain photovoltaic systems and energy efficiency measures on the ground on existing property at Murdock Elementary School and Willows Intermediate School for benefit of pupils and constituents of Willows Unified School District and the District.

Name of Public Agency Approving Project: Willows Unified School District

Name of Person or Agency Carrying Out Project: Willows Unified School District

**Exempt Status: (check one):**

- Ministerial (Sec. 21080(b)(1); 15268);
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**Reasons why project is exempt:**

The property is currently and historically utilized by the District. The project consists of installation of a cogeneration project of 50MW or less in net generating capacity on the sites, is a minor alteration of the existing facilities, and will cause negligible or no expansion of the existing use of the sites.

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