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AGENDA

**TOWN OF CAMP VERDE
REGULAR SESSION
MAYOR AND COUNCIL
473 S MAIN STREET, SUITE 106
WEDNESDAY, SEPTEMBER 7, 2016 at 6:30 P.M.**

If you want to speak during "Call to the Public for Items NOT on the Agenda" Please complete the Request to Speak Form

Note: Council member(s) may attend Council Sessions either in person or by telephone, video, or internet conferencing.

1. **Call to Order**
2. **Roll Call**
3. **Pledge of Allegiance**
4. **Consent Agenda** – All those items listed below may be enacted upon by one motion and approved as consent agenda items. Any item may be removed from the Consent Agenda and considered as a separate item if a member of Council requests.
 - a) **Approval of the Minutes:**
 - 1) Regular Session –August 17, 2016 at 6:30 p.m.
 - b) **Set Next Meeting, Date and Time:**
 - 1) Wednesday, September 14, 2016 at 5:30 p.m. Special/Work Session
 - 2) Wednesday, September 21, 2016 at 6:30 p.m. Regular Session
 - 3) Wednesday, September 28, 2016 at 6:30 Council Hears Planning and Zoning Matters
5. **Special Announcements and presentations:**
 - **Proclamation declaring September 2016 as Grandfamily/Kinship Care Month**
6. **Call to the Public for Items not on the Agenda. (Please complete Request to Speak Card and turn in to the Clerk.)**
7. **Possible approval of Special Event Liquor License for Montezuma Rimrock Fire Department Auxiliary for special event "Hot Time with the Firefighters" to be held at 2025 Reservation Loop Road/Jackpot Ranch, Camp Verde, AZ on October 22, 2016 from 3:00 p.m. to 7:30 p.m. Staff Resource: Virginia Jones**
8. **Update by Camp Verde Youth Library Group that participated in the Youth Program at the 2016 League of Cities and Towns Conference. Staff Resource Kathy Hellman**
9. **Update by Mayor and Council Members regarding the League of Cities and Towns Conference, to include but not limited to possible Council follow up, direction to staff and future agenda items. Staff Resource: Russ Martin**
10. **Discussion, consideration and possible direction to staff regarding recycling services contract with Sedona Recycles a non-profit currently providing general recycling services and whether or not to continue to pay beyond October 31st for the recycling locations at Basha's and near the High School. Staff Resource: Russ Martin**

11. **Discussion, consideration and possible approval of amendments to the Town of Camp Verde Personnel Manual in sections 2-3-1 (Job Announcement-Full Time Positions) and adding 5-3-4 Fragrance Products.**
12. **Discussion, consideration and possible appointment of Council Members as Town Representatives and alternates to various boards, committees, and organizations. Staff Resource: Virginia Jones**

The following item was requested by Council Member Carol German

13. **Discussion, clarification and possible direction to staff concerning the Town of Camp Verde Solar Permitting Process.**
14. **Call to the Public for items not on the agenda. (Please complete Request to Speak Card and turn in to the Clerk.)**
15. **Council Informational Reports.** These reports are relative to the committee meetings that Council members attend. The Committees are Camp Verde Schools Education Foundation; Chamber of Commerce, Intergovernmental Association, NACOG Regional Council, Verde Valley Transportation Planning Organization, Yavapai County Water Advisory Committee, and shopping locally. In addition, individual members may provide brief summaries of current events. The Council will have no discussion or take action on any of these items, except that they may request that the item be placed on a future agenda.
16. **Manager/Staff Report** Individual members of the Staff may provide brief summaries of current events and activities. These summaries are strictly for informing the Council and public of such events and activities. The Council will have no discussion, consideration, or take action on any such item, except that an individual Council member may request that the item be placed on a future agenda.
17. **Adjournment**

Posted by:



Date/Time:

09.01.16 11:28am

Note: Pursuant to A.R.S. §38-431.03.A.2 and A.3, the Council may vote to go into Executive Session for purposes of consultation for legal advice with the Town Attorney on any matter listed on the Agenda, or discussion of records exempt by law from public inspection associated with an agenda item.

The Town of Camp Verde Council Chambers is accessible to the handicapped. Those with special accessibility or accommodation needs, such as large typeface print, may request these at the Office of the Town Clerk.

4.A.1

**MINUTES
REGULAR SESSION
MAYOR AND COUNCIL
473 S MAIN STREET, SUITE 106
WEDNESDAY, AUGUST 17, 2016 at 6:30 P.M.**

Note: Council member(s) may attend Council Sessions either in person or by telephone, video, or internet conferencing.

1. Call to Order

Mayor German called the meeting to order at 6:30 p.m.

2. Roll Call

Mayor Charles German, Vice Mayor Bruce George, Councilor Robin Whatley, Councilor Jessie Jones-Murdock, Councilor Brad Gordon, Councilor Jackie Baker and Councilor Carol German.

Also Present

Town Manager Russ Martin, Economic Development Director Steve Ayers, Economic Development Specialist Sebra Cho, Economic Development Intern Harriet Bui, Marshal Nancy Gardner, Parks & Recreation Manager Mike Marshall, Streets Superintendent Stacy Perry, Contract Drafter M. E. Manning, Deputy Clerk Barbie Bridge and Recording Secretary Jennifer Shilling.

3. Pledge of Allegiance

The Mayor led the Pledge Of Allegiance.

Mayor German took a Moment of Silence in memory of Bob Burnside.

4. Consent Agenda – *All the items listed below may be enacted upon by one motion and approved as consent agenda items. Any item may be removed from the Consent Agenda and considered as a separate item if a member of Council requests.*

a) Approval of the Minutes:

1. Special Session –August 3, 2016 at 8:00 a.m.
2. Executive Session – August 3, 2016 at 8:00 a.m. (Sealed).
3. Regular Session-August 3, 2016 at 6:30 p.m.
4. Special Session – August 5, 2016 at 8:00 a.m.
5. Executive Session – August 5, 2016 at 8:30 a.m.(Recorded and Sealed)

b) Set Next Meeting, Date and Time:

1. Wednesday, August 24, 2016 at 6:30 p.m. Council Hears Planning & Zoning Matters-**CANCELLED**
2. Wednesday, September 7, 2016 at 6:30 p.m. Regular Session
3. Wednesday, September 14, 2016 at 5:30 p.m. Work Session/Possible Special Session-canvass vote.
4. Wednesday, September 21, 2016 at 6:30 p.m. Regular Session
5. Wednesday, September 28, 2016 at 6:30 p.m. Council Hears Planning and Zoning Matters

- c) **Possible approval and re-appointment for Harry E Cipriano, as Assistant Magistrate for Camp Verde Municipal Court for a two (2) year term, effective September 1, 2016 and setting an hourly pay rate of \$38.00 per hour on an as need basis with a three (3) hour minimum.** Staff Resource: Paul Schlegel and Russ Martin.
- d) **Possible approval and authorization to execute FY 2016-2017 Intergovernmental Agreement between Yavapai County Flood Control District and the Town of Camp Verde in the amount of \$75,000.00** Staff Resource: Ron Long
- e) **Possible approval of proposed drainage work at Verde Lakes Subdivision prior to Chip Seal Paving Project in late September. Work proposed will provide much needed drainage through the subdivision**

within rights-of-way and drainage easements. These drainage improvements take care of some of the drainage problems within Verde Lakes previously discussed with Council. Amount of Job Order Contract quote from McDonald Brothers Construction, Inc. totals \$84,468.95.

- f) Councilor Baker stated the August 5th meetings should say *Friday, August 5th* and not *Wednesday, August 5th*. **Motion** was made by Councilor George to approve the Consent Agenda. Second was made by Councilor Gordon. Council unanimously approved the Consent Agenda.

5. Special Announcements: Presentation of Proclamation declaring August 21-27, 2016 as Employer Support of The Guard and Reserve Week.

Mayor German read the proclamation aloud. Luke Sefton a volunteer for ESGR explained what the duties of the Guard and Reserves are and expressed his gratitude to the Town of Camp Verde for their support.

6. Call to the Public for items not on the Agenda:

Steve Ayers introduced Harriet Bui to the Council. Ms. Bui is an intern in the Economic Development Department and is associated with Item 10 on the agenda but is unable to stay for the meeting. Ms. Bui gave a brief background of her history, experience and education.

David Boily invited the Council to attend the ground breaking for the Verde Valley Military Service Park at 1:30 p.m., Wednesday, August 24, 2016 at Garrison Park. Mr. Boily also reported there will be a bronze of a police K9 placed at the park.

David Boily also pointed out the gymnasium has a new floor and bleachers but still has an old roof. Mr. Boily asked when the roof was going to be replaced. He also pointed out that there is a big room in the gymnasium that could be converted and used as a community room.

7. Discussion, consideration and possible approve of Resolution 2016-962, a Resolution of the Mayor and Common Council of the Town of Camp Verde, Yavapai County, Arizona adopting approving the application for motorized and non-motorized program Grant.

Mike Marshal reviewed the grant and stated this will actually be a non-motorized trail, that the motorized wording was a component of original grant. Construction is set to begin in the spring. Councilor German congratulated Mr. Marshal for the work on getting the grant and the work being done with the trail. Councilor German asked how they would keep motorized vehicles out of the trail area. Mr. Marshal stated there will be signs up and eventually a gate will be installed.

Motion was made by Councilor German to approve Resolution 2016-962, a Resolution of the Mayor and Common Council of the Town of Camp Verde, Yavapai County, Arizona adopting approving the application for motorized and non-motorized program Grant. Second was made by Councilor Whatley. **Motion** carried unanimously.

8. Discussion, consideration and possible authorization for staff to begin a period of public outreach to seek entries to rename the Community Park located off Route 260.

Michael Marshal would like to do some public outreach to get the community involved with naming the park. Councilor George asked if he had a way to approach businesses to ask if they would like to donate money for naming rights. Mr. Marshal said it was always a possibility but will be up to the Council for the final decision. Mr. Marshal stated he would mention it in the article for his outreach. Councilor German thinks it is a great idea to get the community involved because the park is part of the community. The Public had no comment.

Motion made Councilor George authorizing staff to begin a period of public outreach to seek entries to rename the Community Park located off Route 260. Second was made by Councilor German. **Motion** carried unanimously

9. Discussion, consideration, and possible award of Bid 2016-16 for the Fiscal Year 16-17 Chip Seal Pavement Project to Earth Resources Corporation in the amount of \$395,675.99.

Russ Martin gave the floor to Streets Supervisor Stacie Perry. Mr. Perry gave a presentation on the chip seal project. He stated he kept the areas small to keep the cost to a minimum and there are seven areas in total. They would start at the first area, which has had the least amount of maintenance over the years, work through the rest of the areas and then start over again. Councilor Baker asked about drainage issues/flood issues is this going to help solve the issues after the repairs are made. Mr. Perry said any repairs should help unless a significant amount of rain falls. Roads will only improve from here. Councilor George likes the concept of dividing it into seven areas and thinks this is a well thought up plan.

The Public had no comment on the plan.

Motion was made by Councilor Baker to award of Bid 2016-16 for the Fiscal Year 16-17 Chip Seal Pavement Project to Earth Resources Corporation in the amount of \$395,675.99. Second was made by Councilor German. **Motion** carried unanimously.

10. Discussion, consideration, and possible approval of a \$300 a week stipend for Economic Development Department Intern Ly "Harriet" Bui.

Steve Ayers again reviewed Ly "Harriet" Bui's qualifications. Ms. Bui came to Camp Verde as an intern through a PEO group. She writes computer codes, can set up Facebook pages, create a newsletter and other items the town has been paying outside agencies to do. There is money in the Project Budget available to pay for the stipend, which breaks down to about \$7 an hour. Economic Development Sebra Cho stated there are different businesses requesting her and her skills, throughout every department in the town and community. Ms. Cho stated she is an invaluable team member. Councilor Bruce George asked how long could we keep her. Ms. Cho explained her contract goes through the end of October. Councilor Baker applauds her background and education but feels this should have been budgeted for and contingency money should be used only for emergencies. Councilor Baker stated she thinks we should go for a grant and use her as a contractor. Mr. Ayers understands Ms. Bakers point and feels there is value in her work. Mr. Ayers stated she is currently working as a contractor and is not an employee. He feels she has proven her worth and is showing how to do it effectively. By using Ms. Bui, he could cancel AZ Communications contract and save the Town even more money. Councilor Jones-Murdock stated we should take advantage of the value factor for the town, if we invest in Harriet the return investments will be magnified. Ms. Jones-Murdock stated she thinks there is a lot of things that could benefit from this. Ms. Jones-Murdock suggested using money from the projects line instead of using funds from Contingency.

Mr. Ayers explained he wanted to make sure there was a discussion on this item and be as transparent as possible. Russ Martin stated this is not a contingency item now, but could be by the end of the year, that Mr. Ayers needs clarity to use the funds now. The direction they needs gives budgetary clearance to use this money for this stipend. Members discussed other options to cover the stipend. Councilor George thanks Mr. Ayers for coming to the Council and bringing up her value. He feels this is an opportunity that should not let go by.

Councilor Whatley stated it is all the same money whether it comes from Contingency or not, it is from the same

pot. She has no problem covering the stipend the way it was presented. Mayor German thinks it should be left to Mr. Ayers and Mr. Martin to figure out where the money is coming from.

Mr. Martin stated he didn't really need the council's approval for the money, that it is fully in the scope of the managers duties already. The point was to develop a plan of where the next dollar will be spent.

Mayor German directed staff to find the money and thanks the manager for bringing it to the attention of the Council.

The following item was requested by Council

11. Discussion and possible direction to staff regarding the future use of room 106 (Council Chamber/Municipal Court), once the Municipal Court is re-located to the 200 Building.

Mr. Martin stated the Council decided not to invest in the audio visual in the library. There is no money in the budget for improvements to this facility. If you decide to stay in room 106 with no change, that is fine and there is plenty of time to make improvements to the building. There is an obligation to make the building more upgraded in the future. Mr. Martin would like the members to tour the Community Development space and see what they have done over there.

Mayor German stated he was fine staying in room 106 and then bring it back in September/October and solidify where they are coming from.

Councilor Gordon stated his only concern with using the library is the potential of it being double booked. He does not feel that Council needs to have anything fancy and feels there is enough space here.

Councilor Whatley agreed with Councilor Gordon and does not think the library is an option but if we are staying in this room, the audio-visual equipment needs upgraded. Ms. Whatley explained that rooms 206/207 will have new audio visual and since the Council already shares the space with Court now, the Council should use the same facilities, stating they do not hold court in the evenings so it makes since to work with the court and use the same facilities.

Councilor Murdock stated it will take money going wherever they are going to go. To update the audio visual in this room is going to take a lot of money. There are many decisions to make down the road, but the Council should just survive while we are here.

Councilor Baker agrees with Councilor Whatley, and stated it is a great suggestion.

Councilor German stated this is the Council Chamber and there has been improvements and could use more improvements. Manager Martin stated there is some money to update the room a little. Martin stated they should be able to improve the audio visual in this space. He will work with the Clerk in the next few months to figure out a new plan for the room for continue community use of this space. He will also work with Mike Marshal. Not to monopolize this space, and incorporate the suggestions of the council. This topic will be put on the agenda again in the future.

12. Call to the Public for items not on the agenda. NONE

13. Council Informational Reports. These reports are relative to the committee meetings that Council members attend. The Committees are Camp Verde Schools Education Foundation; Chamber of Commerce, Intergovernmental Association, NACOG Regional Council, Verde Valley Transportation Planning Organization, Yavapai County Water Advisory Committee, and shopping locally. In addition, individual members may provide brief

summaries of current events. The Council will have no discussion or take action on any of these items, except that they may request that the item be placed on a future agenda.

Councilor Whatley stated she attended the last Business Alliance Meeting, which was well attended by local businesses. Ms. Whatley also announced the Sr. Center was awarded a grant which will reduce lunch from \$6 to \$5.

Councilor Gordon – attended The Verde Valley Land Preservation Meeting they gave a presentation on the Sedona Monument.

Vice Mayor George – NOTHING

Councilor Baker — NOTHING

Councilor Jones-Murdock — NOTHING

Councilor German stated that Camp Verde lost a good friend, Bob Burnside, and will miss his down home, country phrases. He served on Commissions and is a big loss to the community.

Mayor German — NOTHING

- 14. Manager/Staff Report Individual members of the Staff may provide brief summaries of current events and activities. These summaries are strictly for informing the Council and public of such events and activities. The Council will have no discussion, consideration, or take action on any such item, except that an individual Council member may request that the item be placed on a future agenda.**

Town Manager, Russ Martin –information packets for the 5 finalist for the Community Director have been e-mailed. The Council can meet with the finalists at the Marshal's Office at noon or 6pm in Council Chambers on August 22, 2016

Councilor German gives kudos to the staff, specifically Virginia Jones and Carol Brown, for their presentations for the League of Cities and Towns Showcase of Cities. She stated they were very creative in coming up with the theme "*Put Camp Verde on your Bucket List*". The display is very impressive.

15. Adjournment

Mayor adjourned the meeting at 8:15 p.m.

Charles German, Mayor

Jennifer Shilling, Recording Secretary

CERTIFICATION

I hereby certify that the foregoing Minutes are a true and accurate accounting of the actions of the Mayor and Common Council of the Town of Camp Verde during the Regular Session Mayor and Common Council of the Town Council of Camp Verde, Arizona, held on August 17, 2016. I further certify that the meeting was duly called and held, and that a quorum was present.

Dated this _____ day of _____, 2016.

Virginia Jones, Town Clerk



GRANDFAMILY/KINSHIP CARE MONTH SEPTEMBER 2016

WHEREAS, This year during the month of September, Grandfamily/Kinship Care Month is observed, the Town of Camp Verde is proud to recognize the children and their grandparents and other relatives who raise them in kinship care and who ensure their safety, promote their well-being and establish a stable household for these young people to thrive, and

WHEREAS, nationally 2.7 million children are living with grandparents and other relatives in kinship care of which over 104,715 caregivers reside in Arizona, and

WHEREAS, relationships with family are crucial for children, it is our responsibility to promote and preserve kinship, sibling, and other familial connections for children in Arizona, and

WHEREAS, Arizonians join to honor famous kinship caregivers such as President George Washington, as well those grandparents and relatives residing in urban, rural suburban households in every county of Arizona who 'famously' step forward out of love and loyalty to care for relatives when the child's biological parents are no longer able to do so, and

WHEREAS, Arizonians join to honor famous youth who were raised in kinship care such as Maya Angelou, Sandra Day O'Connor, and Barack Obama as well as those children residing in urban, rural and suburban households in every county of Arizona who through the unconditional support of grandparents and other relatives, have successfully addressed the emotional trauma of losing their parents, and

WHEREAS, nationally Grandfamilies/Kinship Caregivers save tax payers more than 6.5 billion dollars a year, and

WHEREAS, one in eleven of all children will live within a kinship family sometime during their childhood, kinship care provides the best opportunity to retain the child's cultural heritage and community ties.

NOW THEREFORE, The Mayor and Common Council of the Town of Camp Verde do hereby proclaim September 2016 to be Grandfamily/Kinship Care Month in the Town of Camp Verde.

Issued this 7th day of September 2016

Charles German, Mayor

Attest:

Virginia Jones-Town Clerk



Town of Camp Verde

Agenda Item Submission Form – Section I

Meeting Date: September 7, 2016

- Consent Agenda Decision Agenda Executive Session Requested
- Presentation Only Action/Presentation

Requesting Department: Clerk's Office

Staff Resource/Contact Person: Virginia Jones

Agenda Title: Public hearing, followed by discussion, Consideration and possible approval of Special Event Liquor License for Montezuma Rimrock Fire Department Auxiliary/Lou Lane being held at Jackpot Ranch 2025 Reservation Loop Rd. Camp Verde AZ 86322

List Attached Documents: –Special Event Liquor License Application

Estimated Presentation Time: 5

Estimated Discussion Time: 5

Reviews Completed by:

Department Head: Virginia Jones Town Attorney Comments: N/A

Finance Department N/A

Fiscal Impact: None

Budget Code: N/A Amount Remaining: _____

Comments:

Background Information: Application received on 06-06-2016.

Recommended Action: Approve Special Event Liquor License Application for Montezuma Rimrock Fire Department Auxiliary/Lou Lane, being held at Jackpot Ranch 2025 Reservation Loop Rd. Camp Verde AZ 86322

Instructions to the Clerk: Section II not required. Process application.



Arizona Department of Liquor Licenses and Control!
 300 W Washington 5th Floor
 Phoenix, AZ 85007-2934
 www.azliquor.gov
 (602) 542-5141

FOR DLLC USE ONLY

Event Date(s):	OCT 22, 2016
Event time start/end:	3pm - 7:30pm
CSR:	
License:	

APPLICATION FOR SPECIAL EVENT LICENSE
 Fee= \$25.00 per day for 1-10 days (consecutive)
 Cash Checks or Money Orders Only

A service fee of \$25.00 will be charged for all dishonored checks (A.R.S. § 44-6852)

IMPORTANT INFORMATION: This document must be fully completed or it will be returned.

The Department of Liquor Licenses and Control must receive this application ten (10) business days prior to the event. If the special event will be held at a location without a permanent liquor license or if the event will be on any portion of a location that is not covered by the existing liquor license, this application must be approved by the local government before submission to the Department of Liquor Licenses and Control (see Section 15).

SECTION 1 Name of Organization: MONTAZUM RIMROCK FIRE DEPT ALX

SECTION 2 Non-Profit/IRS Tax Exempt Number: _____

SECTION 3 The organization is a: (check one box only)
 Charitable Fraternal (must have regular membership and have been in existence for over five (5) years)
 Religious Civic (Rotary, College Scholarship) Political Party, Ballot Measure or Campaign Committee

SECTION 4 Will this event be held on a currently licensed premise and within the already approved premises? Yes No

Name of Business	License Number	Phone (include Area Code)
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SECTION 5 How is this special event going to conduct all dispensing, serving, and selling of spirituous liquors? Please read R-19-318 for explanation (look in special event planning guide) and check one of the following boxes.
 Place license in non-use
 Dispense and serve all spirituous liquors under retailer's license
 Dispense and serve all spirituous liquors under special event
 Split premise between special event and retail location

(IF NOT USING RETAIL LICENSE, SUBMIT A LETTER OF AGREEMENT FROM THE AGENT/OWNER OF THE LICENSED PREMISE TO SUSPEND THE LICENSE DURING THE EVENT. IF THE SPECIAL EVENT IS ONLY USING A PORTION OF PREMISE, AGENT/OWNER WILL NEED TO SUSPEND THAT PORTION OF THE PREMISE.)

SECTION 6 What is the purpose of this event? On-site consumption Off-site (auction) Both

SECTION 7 Location of the Event: JACKPOT RANCH
 Address of Location: 2025 RESERVATION LOOP CAMP VERDE AZ
Street City COUNTY State Zip

SECTION 8 Will this be stacked with a wine festival/craft distiller festival? Yes No

SECTION 9 Applicant must be a member of the qualifying organization and authorized by an Officer, Director or Chairperson of the Organization named in Section 1. (Authorizing signature is required in Section 13.)

1. Applicant: LAKE LOW 2-25-95
Last First Middle Date of Birth
 2. Applicant's mailing address: 4370 N MONTAZUMA ALTS RIMROCK AZ 86335
Street City State Zip
 3. Applicant's home/cell phone: 928 301-0061 Applicant's business phone: () SAME
 4. Applicant's email address: SANDYD29@MSN.COM

SECTION 10

1. Has the applicant been convicted of a felony, or had a liquor license revoked within the last five (5) years?
 Yes No (If yes, attach explanation.)

2. How many special event licenses have been issued to this location this year? NONE
 (The number cannot exceed 12 events per year; exceptions under A.R.S. §4-203.02(D).)

3. Is the organization using the services of a promoter or other person to manage the event? Yes No
 (If yes, attach a copy of the agreement.)

4. List all people and organizations who will receive the proceeds. Account for 100% of the proceeds. The organization applying must receive 25% of the gross revenues of the special event liquor sales. Attach an additional page if necessary.

Name COPPER CANYON FIRE & MEDICAL Percentage: 100%

Address 3240 E BEAVER CREEK RD. RIMROCK ARIZ. 860335
Street City State Zip

Name _____ Percentage: _____

Address _____
Street City State Zip

5. Please read A.R.S. § 4-203.02 Special event license: rules and R19-1-205 Requirements for a Special Event License.

Note: ALL ALCOHOLIC BEVERAGE SALES MUST BE FOR CONSUMPTION AT THE EVENT SITE ONLY.

"NO ALCOHOLIC BEVERAGES SHALL LEAVE SPECIAL EVENT UNLESS THEY ARE IN AUCTION SEALED CONTAINERS OR THE SPECIAL EVENT LICENSE IS STACKED WITH WINE /CRAFT DISTILLERY FESTIVAL LICENSE"

6. What type of security and control measures will you take to prevent violations of liquor laws at this event?
 (List type and number of police/security personnel and type of fencing or control barriers, if applicable.)

CVM OFFICE Number of Police 2 Number of Security Personnel 10 Fencing Barriers

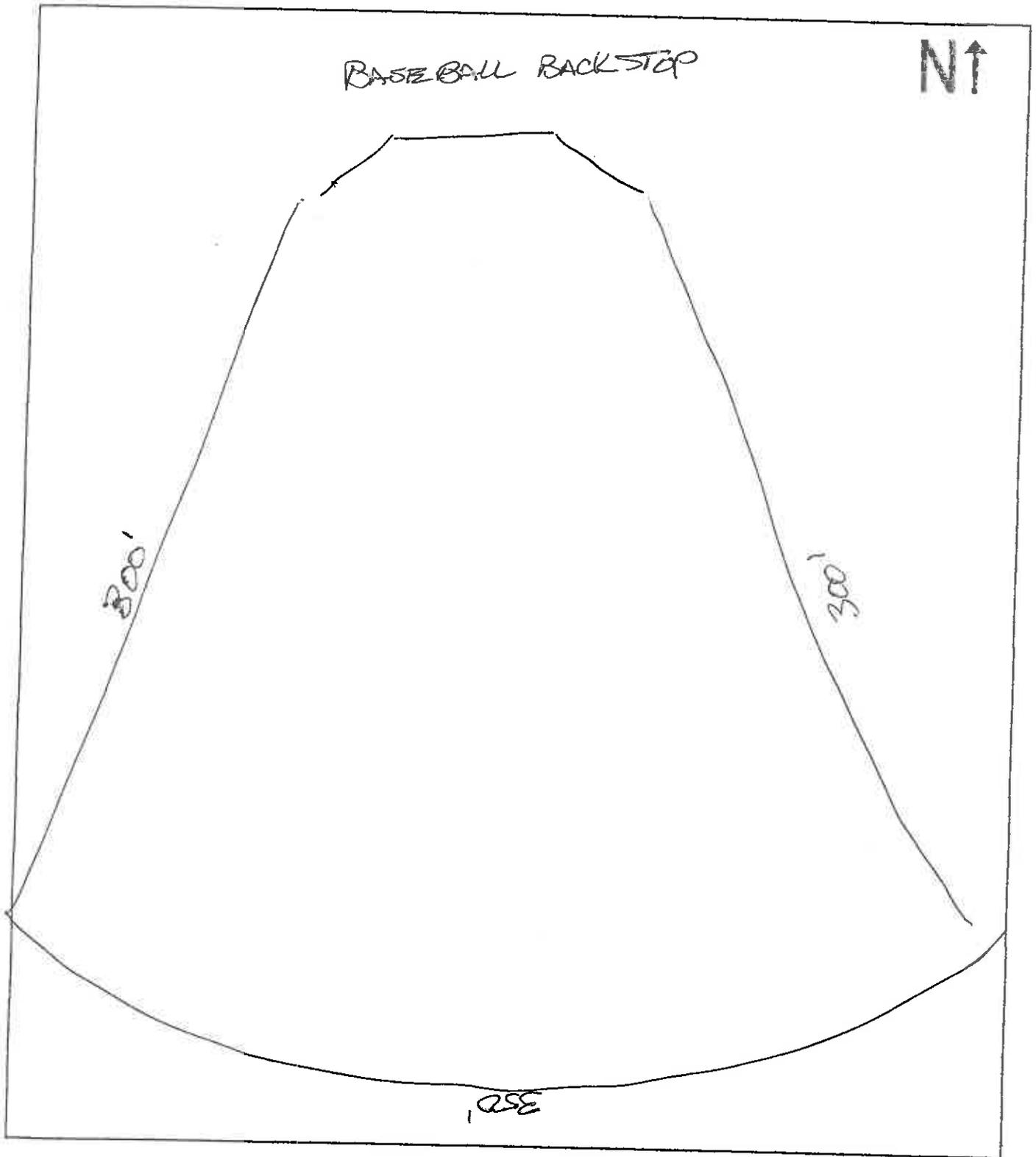
Explanation: SECURITY PERSONNEL - ARE FIRE FIGHTERS
2 - POLICE FROM CAMP VERDE MARSHALS OFFICE

SECTION 11 Dates and Hours of Event. Days must be consecutive but may not exceed 10 consecutive days.
 See A.R.S. § 4-244(15) and (17) for legal hours of service.

PLEASE FILL OUT A SEPARATE APPLICATION FOR EACH "NON-CONSECUTIVE" DAY

	Date	Day of Week	Event Start Time AM/PM	License End Time AM/PM
DAY 1:	<u>OCT 22.</u>	<u>SAT.</u>	<u>3PM</u>	<u>7:30PM.</u>
DAY 2:	_____	_____	_____	_____
DAY 3:	_____	_____	_____	_____
DAY 4:	_____	_____	_____	_____
DAY 5:	_____	_____	_____	_____
DAY 6:	_____	_____	_____	_____
DAY 7:	_____	_____	_____	_____
DAY 8:	_____	_____	_____	_____
DAY 9:	_____	_____	_____	_____
DAY 10:	_____	_____	_____	_____

SECTION 12 License premises diagram. The licensed premises for your special event is the area in which you are authorized to sell, dispense or serve alcoholic beverages under the provisions of your license. The following space is to be used to prepare a diagram of your special event licensed premises. Please show dimensions, serving areas, fencing, barricades, or other control measures and security position.



SECTION 13 To be completed only by an Officer, Director or Chairperson of the organization named in Section 1.

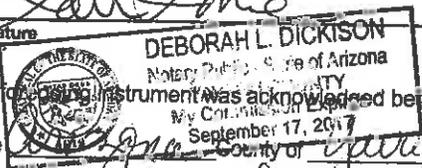
I, (Print Full Name) LOW LAWE declare that I am an Officer, Director or Chairperson of the organization filing this application as listed in Section 9. I have read the application and the contents and all statements are true, correct and complete.

X Low Lawe Signature Title/ Position BOARD MEMBER Date 8-19-16 Phone Number 928-301-0061

The foregoing instrument was acknowledged before me this 19th Day August Month 2016 Year

State Arizona County of Yavapai My Commission Expires on: Sept 17, 2017 Date

Deborah L. Dickson Signature of Notary Public



SECTION 14 This section is to be completed only by the applicant named in Section 9.

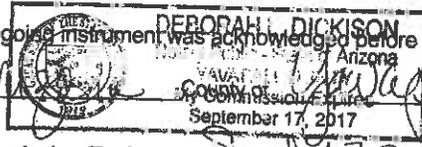
I, (Print Full Name) LOW LAWE declare that I am the APPLICANT filing this application as listed in Section 9. I have read the application and the contents and all statements are true, correct and complete.

X Low Lawe Signature Title/ Position BOARD MEMBER Date 8-19-16 Phone Number 928-301-0061

The foregoing instrument was acknowledged before me this 19th Day August Month 2016 Year

State Arizona County of Yavapai My Commission Expires on: Sept 17, 2017 Date

Deborah L. Dickson Signature of Notary Public



Please contact the local governing board for additional application requirements and submission deadlines. Additional licensing fees may also be required before approval may be granted. For more information, please contact your local jurisdiction: http://www.azliquor.gov/assets/documents/homepage_docs/spec_event_links.pdf.

SECTION 15 Local Governing Body Approval Section.

I, _____ (Government Official) _____ (Title) recommend APPROVAL DISAPPROVAL

On behalf of _____ (City, Town, County) _____ Signature _____ Date _____ Phone _____

SECTION 16 For Department of Liquor Licenses and Control use only.

APPROVAL DISAPPROVAL BY: _____ DATE: _____

A.R.S. § 41-1030. Invalidity of rules not made according to this chapter; prohibited agency action; prohibited acts by state employees; enforcement; notice

B. An agency shall not base a licensing decision in whole or in part on a licensing requirement or condition that is not specifically authorized by statute, rule or state tribal gaming compact. A general grant of authority in statute does not constitute a basis for imposing a licensing requirement or condition unless a rule is made pursuant to that general grant of authority that specifically authorizes the requirement or condition.

D. THIS SECTION MAY BE ENFORCED IN A PRIVATE CIVIL ACTION AND RELIEF MAY BE AWARDED AGAINST THE STATE. THE COURT MAY AWARD REASONABLE ATTORNEY FEES, DAMAGES AND ALL FEES ASSOCIATED WITH THE LICENSE APPLICATION TO A PARTY THAT PREVAILS IN AN ACTION AGAINST THE STATE FOR A VIOLATION OF THIS SECTION.

E. A STATE EMPLOYEE MAY NOT INTENTIONALLY OR KNOWINGLY VIOLATE THIS SECTION. A VIOLATION OF THIS SECTION IS CAUSE FOR DISCIPLINARY ACTION OR DISMISSAL PURSUANT TO THE AGENCY'S ADOPTED PERSONNEL POLICY.

F. THIS SECTION DOES NOT ABROGATE THE IMMUNITY PROVIDED BY SECTION 12-820.01 OR 12-820.02.



Agenda Item Submission Form – Section I

Meeting Date: September 7, 2016

- Consent Agenda Decision Agenda Executive Session Requested
- Presentation Only Action/Presentation Special Session

Requesting Department: Library

Staff Resource/Contact Person: Kathy Hellman, Library Director

Agenda Title (exact): Report from teens participating in the League Youth Program at the 2016 League of Cities and Towns Conference.

List Attached Documents:

Estimated Presentation Time: 5 minutes

Estimated Discussion Time: 10 minutes

Reviews Completed by:

- Department Head: Kathy Hellman Town Attorney Comments: N/A

Finance Review: Budgeted Unbudgeted N/A

Finance Director Comments/Fund:

Fiscal Impact:

Budget Code: _____ **Amount Remaining:** _____

Comments:

Background Information:

Town Council invited teens involved in the library to represent Camp Verde in the flag ceremony at the League Conference this year. Three teens, Celeena Johnson, Ethan Moll and Raymundo Rodriguez attended the daylong event. They would like to thank council for the opportunity and report on their experience.

Recommended Action (Motion)

Instructions to the Clerk: We would like the laptop, projector and screen for a brief presentation.



Agenda Item Submission Form - Section I

Meeting Date: September 7, 2016

- Consent Agenda Decision Agenda Executive Session Requested
- Presentation Only Action/Presentation Pre-Session Agenda

Requesting Department: Council

Staff Resource/Contact Person:

Agenda Title (be exact):

Update by Mayor and Council Members regarding the League of Cities and Towns Conference, to include but not limited to possible Council follow up, direction to staff and future agenda items.

List Attached Documents:

Estimated Presentation Time:

Estimated Discussion Time:

Reviews Completed by:

- Department Head: _____ Town Attorney Comments: N/A
- Finance Department N/A
 Fiscal Impact: None
 Budget Code: N/A Amount Remaining: _____
 Comments: _____

Background Information:

Recommended Action (Motion):

Instructions to the Clerk: None

LEAGUE of CITIES & TOWNS

CONFERENCE 2016

SUBMITTED BY
MAYOR GERMAN

8/29/2016

I attended the following sessions:

Tuesday, Aug. 23, 2016: 1. Resolutions Committee Meeting: All resolutions were approved by the committee and forwarded to the Annual Business Meeting on Thursday. 2. APS Dinner

Wed., Aug. 24, 2016: 1. Opening General Session: Listened to various reports including National League of Cities and Towns, Matt Zone. Senator McCain, Ana Navarro CNN Political Analyst and GOP strategist. 2. Attended luncheon with Camp Verde Youth who attended the Youth portion of the Conference and carried the Town of Camp Verde's flag during the Parade of Flags at the Opening Session. 3. Is Your Community Making Progress Toward a Future Workforce. Local Tools to Help Leaders Make Decisions and Differences. This session focused on Educational Attainment. There were various measures presented along with background information related to education in Arizona and the quality therein. Recommendations: Endorse 60% attainment goals. Feature Educ. Progress meter on our website. Commit to work on 1 stepping stone for educ. Attainment. Write and pass a resolution formalizing commitment to Educ. Attainment and our priorities for getting there. 4. Questions You Should be Asking Your Finance Director: This presentation pointed out the checks and balances of the reporting process from the Finance Director to and through the Manager to the Council. Ultimately, it should be the Manager who is responsible to the Council for the financial management of the Town. 5. President's Update and Dinner.

Thurs. Aug. 25, 2016: 1. Update from Our Endorsed Partners: Programs That Can Save your City or Town Money: This was a really informative session in giving an over view of information about various things and places to go to submit purchases in that the Request for Proposals have been done and/or the bidding process has been done. There are also 3rd party audits that are in place so the Town wouldn't have to go through that process thereby saving money. There are provisions for purchases by our own local 501 c 3 organizations which could reduce their costs of operation as well. The areas covered are Facilities; Office and School; Specialty; and Technology. 2. Legislative & Service Award Luncheon. 3. PSPRS Update: What does the new law mean for your Public Safety Retirement Plan.

SB 1428 passed with the yardstick in place and the focus for the 3rd Tier for new hires. Still to be determined are a number of things including how and to what extent the local boards will participate. However, it is in the right direction to get a handle on the retirement system and to make it sound for the future. There are 237 different Public Safety plans in the State of Arizona. The big take away was what is our unfunded liability policy and pay down process? 4. GAMA meeting: Decision to continue with the organization of Mayors in the Northern part of the state was made. Mayor Jerry Nabours of Flagstaff was elected as Chairman; Mayor Charles German Town of Camp Verde as Vice Chairman. 5. Attended and worked in the Camp Verde Booth in the Showcase of Cities and Towns.

Friday, August 27, 2016: 1. Speed Networking Breakfast for Municipal Officials. Very good session and has grown each year. This is an opportunity to "speed" visit with other officials from around the state focusing on pre-determined questions. It is noteworthy that some successful projects and legislation started here in this format with the ideas presented. 2. Final Session: Successful Leadership: Why Should Anyone Follow You? Dr. Suzanne Peterson, ASU. This was a wonderful session bringing back into focus the leadership style we each possess and (hopefully) want to develop to a greater degree. Her advice was to focus on one area for 6 to 8 weeks that you want to improve. Excellent!



Town of Camp Verde

Meeting Date: September 7, 2016

- Consent Agenda Decision Agenda Executive Session Requested
- Presentation Only Action/Presentation Work Session Agenda

Requesting Department: Administration

Staff Resource/Contact Person: Russ Martin

Agenda Title (be exact): Discussion, consideration, and possible direction to staff regarding recycling services contract with Sedona Recycles a non-profit currently providing general recycling services and whether or not to continue to pay beyond October 31st for the recycling locations at Basha's and near the High School.

List Attached Documents:

1. Email/Invoice from Sedona Recycles
2. Waste Management Tour Invitation

Estimated Presentation Time: 5 minutes

Estimated Discussion Time: 15 minutes

Reviews Completed by:

- Department Head: Russ Martin (comments included in report)
- Town Attorney Comments: Attorney and Manager have discussed the ARS requirement for providing opportunity for these services per ARS 9-500.07 Recycling and waste reduction: A city or town shall provide its residents with an opportunity to engage in recycling and waste reduction.

“As long as we are providing the opportunity, even with private haulers we are meeting this requirement.”

- Finance Department: Paid budgeted \$6000.

Background Information:

Simply this is a decision of whether or not to continue working with Sedona Recycles to provide the services that arguably provide the cleanest and most effective recycling in the area. Private haulers/single stream is limited in the amount that can be removed and recycled but still provide this recycling service. The ability to continue to provide the service is no longer economically feasible for Sedona Recycles given the low commodity prices for the recycled material that have dropped significantly in the past several years. They are no longer able to provide this service for less than the proposed breakeven amount for them of \$19,380 annually. This is based on the large volume and trips to and from their yard in Sedona and they have agreed to continue this until the end of October.

Recommended Action (Motion): Move to direct the Town Manager to negotiate other options with Sedona Recycles.

Russ Martin

From: Sedona Recycles <srcycles@esedona.net>
Sent: Thursday, August 11, 2016 2:37 PM
To: Russ Martin
Subject: recycling

Russ,

Our board met today and discussed recycling in Camp Verde. The board came to the following conclusion.

The basic cost to Sedona Recycles to provide the recycling service for the 2 sites in Camp Verde is \$19,380.00 per year. In your email you said \$6,000 was available for us and that in January it might be looked at again the key word being might.

Our board made a motion and voted that we bill you \$6,000 to cover the expense for services provided for July, August, September and October 2016. At the end of October if you are unable to pay monthly for the remaining \$13,380 (\$1,672.50 per month) we will have to pull all our bins out of Camp Verde.

Not only are we unable to carry the cost but in essence those communities that pay the full price for the service we provide would then be subsidizing recycling in Camp Verde and they are well aware of this and it could have an effect on their willingness to continue funding us.

We know what recycling means to the Camp Verde Community and if we didn't care we would have been gone long ago. We just can't continue down this road. We have no reserves and can't bear the burden any longer.

Please let me know how you would like to proceed.

Thanks
Jill

Jill McCutcheon
Executive Director
Sedona Recycles, Inc.
www.sedonarecycles.org

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Furthermore, to ensure compliance with the Open Meeting Law, Council or Board / Commission / Committee members who are recipients of this message should not forward it to other members of the Council or Board / Commission / Committee of the Town of Camp Verde. Council Members or Board / Commission / Committee members may reply to a staff member regarding this message, but they should not send a copy of a reply to other Council or Board / Commission / Committee members.

Please consider our environment before printing this email. 

Russ Martin

From: Morgan Scott <mscott@cottonwoodaz.gov>
Sent: Tuesday, August 16, 2016 7:48 AM
To: Russ Martin; JClifton@SedonaAZ.gov; Gayle Mabery; Phil Bourdon; Ron Long; Andy Dickey
Cc: Doug Bartosh; Mary Jacobson
Subject: FW: RE: Waste Management Tour

City Officials,

The City of Cottonwood has arranged for a tour of the new Materials Recycling Facility (MRF) owned and operated by Waste Management in Surprise, Arizona. As you know waste disposal solutions and recycling are becoming an increasingly popular topic especially on the regional level. This is an opportunity to learn where much of the solid waste we generate travels to and how it is processed.

The City and Waste Management would like to invite you, your staff and any elected officials to join us on this tour on October 6th at 11:00 am. Below is a link with more information about the MRF. If you are interested in attending would you please RSVP to me by September 15th.

Thank you for your service to our communities and we look forward to this opportunity to study a regional issue.

<https://www.wm.com/location/arizona/az/phoenix/services/recycle.jsp>

Morgan Scott
City of Cottonwood
Development Services Manager
928-634-8033 x 1
Direct: 928-340-2768
Fax: 928-634-7285
mscott@cottonwoodaz.gov
1490 W Mingus Ave
Cottonwood, AZ 86326



To learn more about Cottonwood, click [here](#).

And: <http://www.cox7.com/step-outside/verde-valley-wine-show>

Sedona Recycles, Inc.

2280 Shelby Drive
 Sedona, AZ 86336
 Yavapai

INVOICE

Invoice Number: Camp Verde 816
 Invoice Date: Aug 16, 2016
 Page: 1

Duplicate

Voice: 928-204-1185
 Fax: 928-204-1330

Bill To:
Town of Camp Verde Finance Dept. 395 S. Main St. Camp Verde, AZ 86322

Ship to:
Town of Camp Verde Finance Dept. 395 S. Main St. Camp Verde, AZ 86322

Customer ID	Customer PO	Payment Terms	
400		Due at end of Month	
Sales Rep ID	Shipping Method	Ship Date	Due Date
			8/31/16

Quantity	Item	Description	Unit Price	Amount
		Recycling services July, August, September & October 2016		6,000.00
Subtotal				6,000.00
Sales Tax				
Total Invoice Amount				6,000.00
Payment/Credit Applied				
TOTAL				6,000.00

Check/Credit Memo No:

Virginia Jones

From: Russ Martin
Sent: Thursday, September 01, 2016 12:31 PM
To: Virginia Jones
Cc: Julie scott
Subject: Fwd: August

If it is not too late include this in the recycle packet.

Begin forwarded message:

From: Sedona Recycles <srecycles@sedona.net>
Date: September 1, 2016 at 11:40:13 AM MST
To: 'Russ Martin' <Russ.Martin@campverde.az.gov>
Subject: August

TOWN OF CAMP VERDE AUGUST 2016					
MATERIAL	CARDBOARD	PAPER	MIX	GLASS	TOTALS
# BINS SERVICED	98	7	35	3	143
POUNDS	22,840	7,600	8,400	18,000	56,840
TONS	11.42	3.8	4.2	9	28.42

Jill McCutcheon
Executive Director
Sedona Recycles, Inc.
www.sedonarecycles.org

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Town of Camp Verde

Meeting Date: 9-7-2016

- Consent Agenda Decision Agenda Executive Session Requested
 Presentation Only Action/Presentation Work Session Agenda

Requesting Department: Human Resources

Staff Resource/Contact Person: Russ Martin

Agenda Title (be exact): Discussion, consideration, and possible approval of amendments to the employee manual in sections 2-3-1 and 5-3-4 as listed below.

List Attached Documents:

- 1-2. Redlined Employee Manual pages 24 & 25 with proposed changes.
3. New policy on fragrance products

Estimated Presentation Time: 5 minutes

Estimated Discussion Time: 15 minutes

Reviews Completed by:

- Department Head: Russ Martin** (comments included in report)
 Town Attorney Comments:
 Finance Department: N/A

Background Information:

At the present time our current hiring policy has some time constraints that are cumbersome on smaller departments and departments that are already short staffed when an employee resigns or retires.

Recommended Action (Motion):

Approval for staff to make changes to the revised Employee Manual deleting the lined through sections and adding, 1 All full time positions unless filled internally (non-department head only) or temporary positions, 2. The internal posting period is five working days, during which time eligible employees/candidates may apply. External recruiting may take place simultaneous to the posting to expedite the process as business needs require. 3. Approval of proposed policy 5-3-4.

CHAPTER 2

EMPLOYMENT PROCESS

POLICY 2-1 - HIRING PROCESS

Vacancies may be filled by transfer, promotion, demotion, re-employment, or from an employment list or other selection process established for filling that particular vacancy. , a current employee must have completed the initial evaluation period in order to be eligible for a vacancy. After each recruitment or promotion and subsequent appointment, the employment list established for that purpose may be destroyed after six (6) months.

POLICY 2-2 - JOB POSTING FOR CURRENT EMPLOYEES

When job openings arise, qualified internal candidates will be given full consideration in filling those openings where possible. To encourage employees to express their interest, the Town has established a job-posting program. The program will notify employees of openings below the senior management level and provide a method for employees to apply.

SECTION 2-2-1 - ELIGIBILITY

To be eligible, an employee must be in good standing, meaning that the employee's overall work record is acceptable, and have completed the initial evaluation period. The Town Manager may approve a promotion or transfer for an employee who has not completed the initial evaluation period in his or her current position upon the recommendation of the Department Head.

SECTION 2-2-2 - EMPLOYEE RESPONSIBILITIES

Employees are responsible for monitoring job vacancy notices and submitting their application forms for jobs posted to the Human Resources staff. They are also responsible for demonstrating that they are qualified for the open position(s).

SECTION 2-2-3 - REVIEW OF QUALIFICATIONS

The hiring supervisor will contact employees who may apply to discuss the job opportunity and the employee's qualifications. If the employee is not selected, the hiring supervisor will generally explain why.

SECTION 2-2-4 - NOTIFICATION OF CURRENT SUPERVISOR

Employees are not required to notify their supervisors when applying for a posted position in a different department. However, if an employee is a finalist for a position, the hiring supervisor will then contact the current supervisor for, among other purposes, a recommendation.

POLICY 2-3 - JOB ANNOUNCEMENT

SECTION 2-3-1 - FULL-TIME POSITIONS

~~After all internal recruitment options have been exhausted through the job posting program for non-department head positions only, 1. ALL FULL TIME POSITIONS UNLESS FILLED INTERNALLY (NON-DEPARTMENT HEAD) OR All positions, other than~~ temporary positions, shall be publicized to the general public by advertisement in a newspaper of appropriate circulation; by posting announcements in the Town building; through electronic means such as the Internet; or other methods determined by the Human Resources Director.

A) ~~The announcement will be open for 10 working days~~ 2. *THE INTERNAL POSTING PERIOD IS*

FIVE (5) DAYS, DURING WHICH TIME ELIGIBLE EMPLOYEES/CANDIDATES MAY APPLY. EXTERNAL RECRUITING MAY TAKE PLACE SIMULTANEOUS TO THE POSTING TO EXPEDITE THE PROCESS AS BUSINESS NEEDS REQUIRE. and *WILL* contain a closing date for receipt of applications as determined by the Human Resources Director in conjunction with the Department Head or Town Manager. The Human Resources Director may extend the application deadline.

- B) If a position vacancy occurs within 60 calendar days of the closing date of a previously advertised position in the same classification, the position will not require re-advertisement. If there are not a sufficient number of qualified applications received for position openings, the position may be re-advertised.

SECTION 2-3-2 - PART-TIME POSITIONS

The Town Manager may make part-time appointments where positions require someone less than full-time. Part-time employees hired after September 2009 are not eligible for employee benefit programs offered by the Town.

SECTION 2-3-3 - TEMPORARY POSITIONS

The Town Manager may authorize temporary appointments, provided budgeted funds are available. Temporary positions shall generally be limited to a maximum of 3 full calendar months. Temporary positions may be extended for up to an additional 3 months. Temporary employees may apply for part-time or full-time positions through the normal application for the general public.

POLICY 2-4 - APPLICATION

SECTION 2-4-1 - DEFINITION OF APPLICANT

An applicant is an individual who applies to the Town by completing an official Town employment application or delivering a resume. An applicant can deliver an application or resume by mail (electronically or U.S. mail) or in person.

SECTION 2-4-2 - APPLICATION FORMS

- A) Application forms shall be accepted for positions that are open.
- B) An Applicant may apply for more than one position, provided that each position is open for applications.
- C) Application forms require information regarding training, work experience, other pertinent personal and employment information and employment references. Each applicant, including senior management, must submit a completed application.
- D) Each application must be signed by the person submitting the application and filed with the Human Resources Department. All applications, together with accompanying materials, become the property of the Town.

POLICY 5-3-4 FRAGRANCE PRODUCTS

Recognizing that employees and visitors to our offices may have sensitivity or allergic reactions to various fragrant products the Town of Camp Verde practices a “good neighbor policy” when it comes to the use of these in the workplace. Employees are discouraged from bringing onto the premises natural or artificial scents that could be distracting or annoying to others. Personal fragrant products (fragrances, colognes, lotions, powders and other similar products) that are perceptible to others also should not be worn by employees so that they could be distracting or annoying to others. Other fragrant products (scented candles, vaporizers, incense, potpourri and similar items) are also discouraged in the workplace and may be removed as necessary to avoid causing a distraction or annoyance.

Any employee with a concern or sensitivity about scents or odors or to the use of the above products may request a reasonable accommodation from their supervisor, manager or the human resource (HR) department.

2016/2017 COUNCIL-COMMITTEE ASSIGNMENTS

COUNCIL MEETING 09-07-2016 (after August Election)

COMMITTEES	2015-2016	2016-2017	MEETING TIME	MEETING PLACE	CONTACT PERSON
CV FIRE DISTRICT LIAISON	GORDON/BAKER		3 RD WEDNESDAY AT 9:30 A.M.	417 S MAIN – TRAINING ROOM http://www.campverdefire.org	ROBIN COOK 567-9401 EXT 102
CV SCHOOLS EDUCATION FOUNDATION	GORDON/BAKER		QUARTERLY/AS NEEDED	CVUSD 410 Camp Lincoln Rd.	MARY HUDSON 567-8008
YAVAPAI COLLEGE GOVERNING BOARD	CAROL GERMAN/BAKER		2 ND TUESDAY AT 1:00 P.M.	SEE ATTACHED	KAREN JONES-EXECUTIVE ASSIS 928-776-2307
YAVAPAI COLLEGE ADVISORY BOARD	GEORGE/GERMAN				
LIASON TO YAVAPAI-APACE NATION	MAYOR GERMAN/BAKER		THURSDAY AT 9:00 A.M.	2400 W DATSI STREET	KARLA REIMER 567-1003 (Call Weekly to verify meeting)
INTERGOVERNMENTAL ASSOCIATIONS/MEETINGS				COMMUNITY ROTATION	
NACOG- REGIONAL COUNCIL	BAKER/MAYOR GERMAN		QUARTERLY-4 TH THURSDAY AT 10:00 A.M.	HIGH COUNTRY CONFERENCE CENTER	928-774-1895
VVREO	WHATLEY/BAKER		FRIDAY. QUARTERLY AT 10:00 A.M.	YC BOARD ROOM – 6 TH STREET- COTTONWOOD	634-8100
LEAGUE RESOLUTIONS COMMITTEE	MAYOR GERMAN		ANNUALLY	LEAGUE OF CITIES AND TOWNS CONFERENCE	KEN STROBECK EXECUTIVE DIRECTOR
VERDE VALLEY LAND PRESERVATION	GORDON/CAROL GERMAN		EVERY OTHER MONTH	ALTERNATE LOCATIONS	BOB ROTHROCK 634-3633
ARIZONA MUNICIPAL RISK RETENTION POOL (elected position only)	BAKER		EVERY OTHER MONTH	PHOENIX	
VERDE VALLEY TRANSPORTATION ORG	RON LONG/GEORGE		EVERY OTHER MONTH	COTTONWOOD	
VERDE VALLEY MOBILITY VERDE VALLEY TRANSIT COMMITTEE	GEORGE		MONTHLY		JASON KELLY
VV WATER USERS LIAISON	GORDON/CAROL GERMAN		AS NEEDED	AS NEEDED	AS NEEDED
YC LOCAL DROUGHT IMPACT GROUP	INACTIVE		ANNUALLY	TO BE ANNOUNCED	YC EXTENSION AGENT
MIDDLE VERDE WATER ADVISORY (WAS WAC)	BAKER/MAYOR GERMAN		3 RD WEDNESDAY AT 2:00 P.M.	YC BOARD ROOM - 6 TH STREET – COTTONWOOD 1015 FAIR STREET-PRESCOTT	3 RD WEDNESDAY 2:00
VERDE RIVER BASIN PARTNERSHIP	<i>GEORGE</i>	<i>going away</i>	QUARTERLY	YAVAPAI COLLEGE	
Mental Health Coalition-Verde Valley (added 09-23-2015)	BRAD GORDON		MONTHLY		



Chris Fetzer
Executive Director

Sept.

06-06-16 11:48 AM

May 31, 2016

Mayor Charles German
Town of Camp Verde
473 S Main St., Ste 102
Camp Verde, AZ 86322

Dear Mayor German:

According to the NACOG By-laws, NACOG member governments are required to annually designate, in writing, their representative to the NACOG Regional Council. The member may also name an alternate who is an elected official to vote in case of absence of the official representative.

Because we are approaching the beginning of a new fiscal year, we would like to take the time to officially update our files. Please send me a letter, at your convenience, indicating the Town's official representative on the NACOG Regional Council. Remember that you may also designate an elected official alternate if you prefer to avoid proxies.

I have enclosed a calendar of this year's meeting dates, so that you will know when making your membership designation of the time commitment involved with Regional Council service.

Please feel free to contact me if you have any questions about NACOG or the Regional Council.

Sincerely,

Chris Fetzer
Executive Director

Cc: Jackie Baker
Russ Martin

notified Nacog - will appoint on 9-7-2016



2016 Regional Council Meetings

<u>Date</u>	<u>Location</u>
February 25, 2016	High Country Conference Center
April 28, 2016	Town of Prescott Valley, Town Library
June 23, 2016	High Country Conference Center
August 25, 2016	City of Show Low, Location TBD
October 27, 2016	High Country Conference Center

Time:	Executive Committee	9:00AM - 10:00AM
	Regular Session	10:00AM - 12:00PM
	Lunch	12:00PM - 1:00PM

High Country Conference Center
201 West Butler Ave.
Flagstaff, Arizona
(928) 523-7778
Fax: (928) 523-7779

Prescott Valley Town Hall
7501 East Civic Circle
Prescott Valley, Arizona 86314
(928) 759-3000



Agenda Item Submission Form – Section I

Meeting Date: September 7, 2016 Regular Council Meeting

- Consent Agenda Decision Agenda Executive Session Requested
- Presentation Only Action/Presentation Special Session

Requesting Department: Councilor Carol German

Staff Resource/Contact Person: Town Manager or Town Clerk

Agenda Title (be exact): General Discussion, Clarification and Possible Direction to Staff Concerning the Solar Permitting Process

List Attached Documents:

- Camp Verde Solar Permit Fees.
- Solar permit costs of surrounding cities and counties.
- Description of review processes by other entities.
- State Laws regarding fees for service and fees for solar installation.

Estimated Presentation Time:

Estimated Discussion Time: 30 Minutes

Reviews Completed by:

- Department Head: Town Attorney Comments:

Finance Review: Budgeted Unbudgeted N/A

Finance Director Comments/Fund:

Fiscal Impact:

Budget Code: _____ **Amount Remaining:** _____

Comments:

Background Information:

Recommended Action (Motion): Move to direct staff to bring back a fee structure and permit process more in line with other cities, towns, and counties in order to encourage clean energy.

Instructions to the Clerk:



Agenda Item Submission Form – Section I

Meeting Date: September 7, 2016

Mayor and Common Council – Regular Session

- Consent Agenda **Council Direction** Executive Session Requested
- Presentation Only Action/Presentation

Requesting Department: Councilor Carol German

Staff Resource/Contact Person: Michael Jenkins (Community Development Director) or Robert Foreman (Building Official)

Agenda Title (be exact): General Discussion, Clarification and Possible Direction to Staff Concerning the Solar Permitting Process.

List Attached Documents:

- **(3) examples of actual residential Solar Permit Fees from August of this year.**
- **Solar Permit costs and processes from surrounding cities and counties.**
- **Letter from concerned citizen to Councilor German.**
- **State Law requirements for Solar Construction permits – Standards.**
- **Model Inspection Checklist for Rooftop PV Systems.**
- **Plan Review Guide Lines from the Arizona Building Officials & Salt River Project.**

Estimated Presentation Time: 20 minutes

Estimated Discussion Time: 30 minutes

Reviews Completed by: Michael Jenkins & Robert Foreman

- Department Head:** **Town Attorney Comments: Invited guests for technical input:**

Background Information:

As requested by the Town Manager, the Community Development Department, Building Division has prepared a list of documents providing information and comparisons to the Towns' Solar Permitting processes and fees to other surrounding cities and counties.



MODEL INSPECTION CHECKLIST

FOR ROOFTOP PV SYSTEMS

Prepared by:
Sky Stanfield and
Don Hughes

September, 2013

Introduction to IREC's Model Inspection Checklist for Rooftop PV Systems

The Interstate Renewable Energy Council, Inc. (IREC) is pleased to release this *Model Inspection Checklist for Rooftop Photovoltaic (PV) Systems* for use by municipalities across the United States. In evaluating methods for improving the permitting process for rooftop solar systems, IREC is focused on developing tools that offer benefits to both municipal staff and solar installers. Adoption of an inspection checklist falls easily into this category.

For municipalities, an inspection checklist can serve a variety of important functions. First, it can serve as a supplementary educational tool for new or experienced inspectors to ensure they are aware of the host of code requirements that must be verified on-site during the inspection. It can also increase the consistency of inspections, by both a single inspector, as well as different inspectors working for the jurisdiction. Consistent inspections ensure high-quality, safe installations and also reduce conflict with installers, who may complain when they perceive that inspectors provide different results. The municipality can also use an inspection checklist as a tool for highlighting particular issues that seem to be repeatedly problematic for installers. For example, a checklist could contain a section for "common mistakes" which could highlight particular issues for both installers and inspectors to verify.

For installers, a checklist can help to prepare them for the inspection in advance, reducing the number of items that might need to be addressed afterward. This saves both the installer's and municipality's time and resources by reducing the number of re-inspections that would otherwise be required. As with inspectors, the inspection checklist can help to educate and refresh installers about the number of requirements they must meet, and to help inform and remind them of what inspectors will be looking for. For new installers or those new to the jurisdiction, who may not be as familiar with the code requirements, a checklist can be particularly valuable tool. A checklist can reduce the number of times inspectors have to do on-site education of new installers.

As code requirements change and municipalities adopt unique local rules, an inspection checklist can act as a key tool for highlighting those changes. A checklist can be easily updated over time to include new requirements. In addition to identifying rule changes, if the municipality has a particular interpretation of a code requirement that is sometimes applied differently, it can highlight its interpretation in its inspection checklist.

Despite the potential value of an inspection checklist, IREC realizes that many municipalities do not have the time to invest in creating a checklist from scratch. This Model Checklist is a nationally applicable template; it is intended to serve as an easy starting point for municipalities. Recognize, however, it will likely need some modification to match specific state and local code requirements.

In order to make this Model useful to as many jurisdictions as possible, IREC has drafted the requirements using relevant national code sections that are generally used as a starting point for state and local codes across the United States. It is not essential for a checklist to contain citations to each code section, as long as the requirements are accurately described. The citations may help resolve or head off disputes when an installer or inspector is unclear about the origin of the requirement or its exact wording. It

is our hope that in most states identifying the equivalent state code sections should be a relatively simple process. In addition, it is important for jurisdictions to add any unique state or local requirements that do not exist in the national codes utilized by IREC. It is also possible that a state body could choose to offer a statewide inspection checklist based on this Model that includes all the relevant state code requirements in order to save time for municipalities. Alternately, municipalities in a region may pool their resources to add the local code requirements to this Model.

It is important to note that an inspection checklist *is not* a replacement for careful review and understanding of the actual code requirements. A checklist is merely intended to act as an abbreviated tool, which can be used on-site for verification of compliance with code requirements and as a quick reference guide to help inspectors quickly find the correct code sections. Where there is a question about the actual language of the code section or the specificity of the requirement, both inspectors and installers should look up the code sections rather than relying on any inspection checklist.

The Model Inspection Checklist for Rooftop PV Systems was developed after reviewing existing checklists that have been created by leading jurisdictions across the United States. IREC incorporated the best components of each of these checklists and then worked with Don Hughes, Senior Electrical Inspector with Santa Clara County, California, to identify the relevant code requirements and add the citations. We also incorporated suggestions from numerous jurisdictions that have attended workshops on permitting reform hosted by IREC. Finally, this document was peer-reviewed by qualified inspectors and building code officials from across the country, and by UL representatives. The reviewers provided helpful feedback on the code requirements and other considerations regarding how checklists are implemented.

IREC is hopeful that this Model Inspection Checklist will act as a valuable resource for municipalities. IREC welcomes comments and suggestions about the content and implementation of the Model checklist by municipalities and installers.

IREC is grateful to the following individuals for their assistance in providing comments on the development of this Model: John K. Taecker, Gary Goodell, Jeff Fecteau, and Boris Sursky.

For additional IREC resources on Solar PV Inspections, please see:

Field Inspection Guidelines for PV Systems, prepared by Bill Brooks for IREC, June 2010, available at: <http://irecusa.org/wp-content/uploads/2010/07/PV-Field-Inspection-Guide-June-2010-F-1.pdf>

Sharing Success: Emerging Approaches to Efficient Rooftop Solar Permitting, May 2012, available at: <http://www.irecusa.org/wp-content/uploads/FINAL-Sharing-Success-w-cover-revised-final052012.pdf>

Simplifying the Solar Permitting Process: Residential Solar Permitting Best Practices, IREC and the Vote Solar Initiative, September 2013, available at: <http://www.irecusa.org/wp-content/uploads/2013/09/expanded-best-practices.pdf>

The Interstate Renewable Energy Council, Inc. Model Inspection Checklist for Rooftop Photovoltaic (PV) Systems

All National Electrical Code (NEC) references are to both the 2008 and 2011 versions unless otherwise noted. All International Residential Code (IRC), International Building Code (IBC) and International Fire Code (IFC) references are to the 2012 versions unless otherwise noted.

Section 1: PV Array Configuration

- Module manufacturer, make, model, and number of modules match the approved plans. (2009 & 2012 IBC 107.4)
- PV modules are listed to UL 1703. (NEC 110.3, 690.4 & IBC 1509.7.4) NOTE: AC modules need to be listed to UL 1703 and UL 1741.
- DC modules are properly marked and labeled. (NEC 110.3, 690.4(D) & 690.51)
- AC modules are properly marked and labeled. (NEC 110.3, 690.4(D) & 690.52)
- Modules are attached to the mounting structure according to the manufacturer's instructions and the approved plans. (NEC 110.3(B), 2009 & 2012 IBC 107.4)
- Roof penetrations are flashed and counter-flashed. (2009 & 2012 IBC Chapter 15 & 2012 IRC Chapter 9)
- PV modules are in good condition (i.e., no broken glass or cells, no discoloration, frames not damaged, etc.). (NEC 110.12(B))
- Residential one and two family dwelling limited to maximum PV system voltage of 600 volts. (NEC 690.7)
- Rooftop systems are designed in accordance with the IBC. (2012 IBC 1509.7)
- Roof access points, paths and clearances need to comply with the IFC. (IFC 605.11.3.1 - 605.11.3.3.3)

Section 2: Grounding

- A complete grounding electrode system is installed. (NEC 690.47(A) & (B))
- Modules are grounded in accordance with manufacturer's installation instructions using the supplied hardware or listed equipment specified in the instructions and identified for the environment, and using the grounding point identified on the module and in the manufacturer's instructions. (NEC 690.43 & 110.3(B))
- Properly sized equipment grounding conductor is routed with the circuit conductors. (NEC 690.45, 250.134(B) & 300.3(B))

- AC and DC grounding electrode conductors are properly connected. Separate electrodes, if used, are bonded together. (NEC 690.47, 250.50 & 250.58)
- Bonding fittings are used on concentric/eccentric knockouts with metal conduits for circuits over 250 volts. (NEC 250.97) (see also exceptions 1 through 4)
- Bonding fittings are used for ferrous metal conduits enclosing grounding electrode conductors. (NEC 250.64(E))

Section 3: Wire Management

- Wires are secured by staples, cable ties, straps, hangers or similar fittings at intervals that do not exceed 4.5 feet. (NEC 334.30 & 338.12(A)(3))
- Wires are secured within 12 inches of each box, cabinet, conduit body or other termination. (NEC 334.30 & 338.12(A)(3))
- Cable closely follows the surface of the building finish or of the running boards. (2011 NEC 690.4(F) & IFC 605.11.2) NOTE: see Section 12 below for additional guidance on routing of conductors for fire fighter safety concerns.
- Exposed single conductors, where subject to physical damage, are protected. (NEC 230.50(B) & 300.5(D))

Section 4: Conductors

- Exposed single conductor wiring is a 90C, wet rated and sunlight resistant type USE-2 or listed PV wire. (NEC 690.31(B)) If the wiring is in a conduit, it is 90C, wet rated type RHW-2, THWN-2, or XHHW-2. (NEC 310.15)
- Exposed single conductors used for ungrounded (transformerless) systems are listed and identified as "PV wire." (NEC 690.35(D)(3)) For other conductor requirements for ungrounded systems see NEC 690.35(D).
- Conductor insulation is rated at 90C to allow for operation at 70C+ near modules. (NEC 310.15)
- Where conductors or cables are installed in conduits exposed to direct sunlight on or above rooftops, correction factors for ambient temperature adjustments are applied. (2008 NEC 310.15(B)(2)(c) & 2011 NEC 310.15(B)(3)(c))
- Grounded conductor is identified white or grey. (NEC 200.6)
- Open conductors are secured and protected. (NEC 338.12(A)(3) & 334.30)
- Conductors are not in contact with the roof surface. (NEC 334.30)
- DC conductors inside a building are in a metal raceway or MC metal-clad cable that complies with 250.118(10), or metal enclosures. (NEC 690.31(E))

- If more than one nominal voltage system conductor is installed in the raceway, permanent identification and labeling is required. (NEC 200.6(D) & 210.5(C))
- For underground conductor installations, the burial depth is appropriate and warning tape is in place. (NEC 300.5(D)(3) & Table 300.5)
- Aluminum is not placed in direct contact with concrete. (NEC 250.120(B) & 110.11)
- DC source circuit conductors are rated at $1.25 \times 1.25 = 156\%$ short-circuit (ISC) current from modules. NOTE: The module ISC x number of combined strings, if strings are combined. When DC source circuits (strings) are connected in parallel the short circuit current multiplies and PV output conductors from combined strings need to be sized appropriately. (NEC 690.8(1) & (B)(1))
- PV circuit and premises wiring is separated. (NEC 690.4(B))
- PV system conductors shall be grouped and identified. (2011 NEC 690.4(B))

Section 5: Overcurrent Protection

- Overcurrent devices in the DC circuits are listed for DC operation. (NEC 110.3(A), (B) & 690.9(D))
- DC source circuit overcurrent protection devices are rated at $1.25 \times 1.25 = 156\%$ short-circuit (ISC) current from modules. NOTE: The module ISC x number of combined strings, if strings are combined. When DC source circuits (strings) are connected in parallel the short circuit current multiplies DC over-current protective devices need to be sized appropriately. (NEC 690.8(B)(1))
- Inverter output circuit overcurrent protection device (point of connection to AC system breaker) is sized based on the maximum inverter output current x 125%. (NEC 690.8(A)(3) & 690.8(B)(1))
- Overcurrent protection is required for the PV source circuit (modules and parallel connected modules), PV output circuit (conductors between source circuits and inverter), inverter output circuit, battery circuit conductors and equipment. (NEC 690.9(A))
- Where three or more strings are combined, a listed combiner box (UL1741) is used and fuses are required. When DC source circuits (strings) are connected in parallel, the current through a failed circuit can be the sum of the current connected from the other strings, therefore special consideration must be taken to ensure the sum of the total number of strings minus one does not exceed the module manufacturers series fuse rating, or conductor ampacity. (NEC 110.3(B), 690.9(A)) NOTE: there are a few exceptions where the module has a higher series fuse rating and a low ISC rating.
- When a back-fed breaker is used as a utility interconnection means, the breaker does not read "line and load." (2008 NEC 690.64(B)(5) & 2008 & 2011 NEC 110.3(B), 705.12(D)(5))

- PV interconnect breaker is located at the opposite end of the buss from the feeder connection, unless using 100% rated equipment. (2008 NEC 690.64(B)(7), 705.12(D)(7) & 2011 NEC 705.12(D)(7))

Section 6: Electrical Connections

- Crimp on terminals are listed and installed using a listed tool specified for use in crimping those specific crimps. (NEC 110.3(B) & 110.14)
- Pressure terminals are listed for the environment and tightened to manufacturer recommended torque specifications. (NEC 110.11, 110.3(B) & 110.14)
- Connectors are listed for the voltage of the system and have appropriate temperature and ampere ratings. (NEC 110.3(B) & 110.14)
- Twist on wire connectors are listed for the environment (i.e. wet, damp, direct burial, etc.) and installed per manufacturer's instructions. (NEC 110.11, 110.3(B), 110.14 & 300.5(B))
- Power distribution blocks are listed. (NEC 690.4 & 2011 NEC 314.28(E))
- Terminals containing more than one conductor are listed for multiple conductors. (NEC 110.14(A) & 110.3(B))
- Connectors and terminals used for fine strand conductors are listed for use with such conductors. (NEC 110.14(A) & 110.3(B))
- Connectors that are readily accessible and operating at over 30 volts require a tool for opening. (NEC 690.33(C))
- Module connectors are tight and secure. (NEC 110.3(B) & 110.12)
- Wiring and connections of inverters, PV source circuits, battery connections, etc., and all interconnections are performed by qualified personnel. (2011 NEC 690.4(E))

Section 7: Charge Controllers

- Charge controller is listed to UL Standard 1741. (NEC 110.3 & 690.4(D))
- Exposed energized terminals are not readily accessible. (NEC 110.27)
- Diversion charge controllers that are used as the sole means of regulating charging of batteries have a second independent means of control to prevent overcharging. (NEC 690.72(B)(1))

Section 8: Disconnects

- Disconnects used in DC circuits are listed for DC operation. (NEC 110.3)

- Disconnects are installed for all current carrying conductors of the PV source. (NEC 690.13 - 690.14)
- Disconnects are installed for the PV equipment. NOTE: For inverters and other equipment that are energized from more than one source, the disconnecting means must be grouped and identified. (NEC 690.15)
- Disconnects and overcurrent protection are installed for all ungrounded conductors in ungrounded (transformerless) PV power systems. (NEC 240.15 & 690.35)

Section 9: Inverters

- Inverters are listed to UL 1741. (NEC 690.4(D)) NOTE: grid-tied system inverters need to be identified for use in interactive power systems.
- Point of connection is at a dedicated breaker or disconnect. (2008 NEC 690.64(B)(1), 705.12(D)(1) & 2011 NEC 705.12(D)(1))
- Total rating of the overcurrent devices supplying equipment does not exceed 120% of the equipment rating. (2008 NEC 690.64(B)(2), 705.12(D)(2) & 2011 NEC 705.12(D)(2))
- Listed AC and DC disconnects and overcurrent protection are grouped and identified. (NEC 690.15)
- No multi-wire branch circuits are installed where single 120-volt inverters are connected to 120/240-volt load centers. (NEC 690.10(C))
- The plastic barrier is re-installed between the AC, DC wiring and communication wires. (NEC 110.3(B) & 110.27)

Section 10: Batteries

- Storage batteries for dwellings have the cells connected to operate at less than 50 volts. (NEC 690.71(B)(1))
- Live parts of battery systems for dwellings are guarded to prevent accidental contact by persons or objects. (NEC 690.71(B)(2))
- Flexible battery cables are listed RHW or THW, 2/0 minimum for battery cell connections. (NEC 690.74) NOTE: welding cables, marine, locomotive (DLO), and automotive cables do not meet the current Electrical Code requirements. (NEC 110.3(A) & (B))
- Flexible battery cables do not leave the battery enclosure. (NEC 690.74 & 400.8)
- Flexible, fine strand cables are only be used with terminals, lugs, devices, and connectors that are listed and marked for such use. (NEC 690.31(F), 690.74, 110.3(B) & 110.14)

- High interrupt, listed, DC rated fuses or circuit breakers are used in battery circuits. The AIC is at least 20,000 amps. (NEC 690.71(C) & 110.9)
- Cables to inverters, DC load centers, and/or charge controllers are in a conduit. (NEC 690.31(A) & 690.31(E))
- Conduits enter the battery enclosure below the tops of the batteries. NOTE: this is to avoid accidental ventilation of gases into electrical equipment where sparks may occur. Follow battery enclosure manufacturer's instructions for venting and conduit locations. (NEC 110.3(B), 480.9(A) & 480.10)
- A disconnect means is provided for all ungrounded conductors derived from a stationary battery system over 30 volts. (NEC 480.5 & 690.15) NOTE: see NEC 690.71(E) for additional service disconnecting means requirements for series connected battery circuits.
- Area is well ventilated and the batteries are not installed in living areas. (NEC 408.9(A) & 408.10)

Section 11: Signs and Labels

- All interior and exterior DC conduit, enclosures, raceways, cable assemblies, junction boxes, combiner boxes, and disconnects are marked. (IFC 605.11.1 & 2011 NEC 690.31(E)(3))
- The markings on the conduits, raceways and cable assemblies are every 10 feet, within one foot of all turns or bends and within one foot above and below all penetrations of roof/ceiling assemblies, walls and barriers. (IFC 605.11.1.4)
- Marking is placed adjacent to the main service disconnect in a location clearly visible from where the disconnect is operated. (IFC 605.11.1.3)
- The markings say "WARNING: PHOTOVOLTAIC POWER SOURCE" and have 3/8 inch (9.5 mm) minimum-sized white letters on a red background. The signs are made of reflective weather resistant material. Self-adhesive signs are available from suppliers. (IFC 605.11.1.1, 605.11.1.2 & 2011 NEC 690.4(E)(3))
- Where PV circuits are embedded in built-up, laminate, or membrane roofing materials in roof areas not covered by PV modules and associated equipment, the location of circuits shall be clearly marked. (2011 NEC 690.4(F))
- Labels are phenolic where exposed to sunlight. Labels required on conduit are permanent, weather resistant and suitable for the environment. Labels have a red background with white lettering. The following labels are required as applicable:

Table: Signage Requirements for PV systems

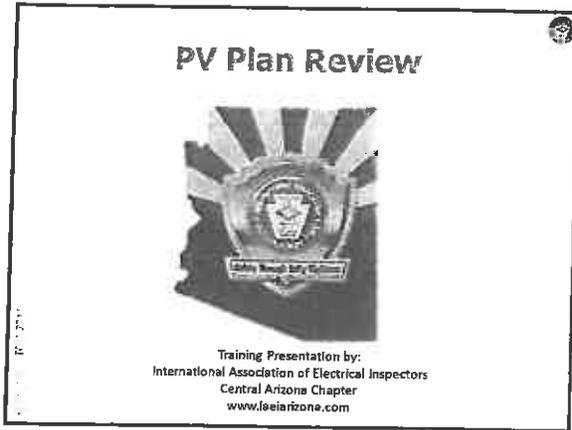
Code Section	Location of Label	Text
NEC 690.5(C)	Utility-interactive inverter & battery enclosure	WARNING: ELECTRIC SHOCK HAZARD IF A GROUND FAULT IS INDICATED, NORMALLY GROUNDED CONDUCTORS MAY BE UNGROUNDED AND ENERGIZED
NEC 690.35(F)	All enclosures with ungrounded circuits or devices which are energized and may be exposed during service	WARNING: ELECTRIC SHOCK HAZARD. THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED.
NEC 690.14(C)(1)	On the main service when DC wiring is run through the building and the DC disconnect is located other than at the main service	DC DISCONNECT IS LOCATED....
NEC 690.14(C)(2)	On the AC and DC disconnects	PHOTOVOLTAIC SYSTEM DISCONNECT
NEC 690.53	On the DC disconnects	OPERATING CURRENT ____ OPERATING VOLTAGE ____ MAXIMUM SYSTEM VOLTAGE ____ SHORT CIRCUIT CURRENT
NEC 690.54	At interactive points of interconnection, usually the main service	RATED AC OUTPUT CURRENT ____ AMPS NORMAL OPERATING AC VOLTAGE ____ VOLTS
NEC 690.56(B)/ 690.14(D)(4), 705.10 2011 NEC 690.4(H)	At the electrical service and at the PV inverter if not at the same location	A directory providing the location of the service disconnecting means and the photovoltaic system disconnecting means
NEC 690.17	On the DC disconnect and on any equipment that stays energized in the off position from the PV supply	WARNING! ELECTRIC SHOCK HAZARD. DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION.
NEC 690.64(B)(7)	Inverter output OCPD	WARNING: INVERTER OUTPUT CONNECTION DO NOT RELOCATE THIS OVERCURRENT DEVICE.

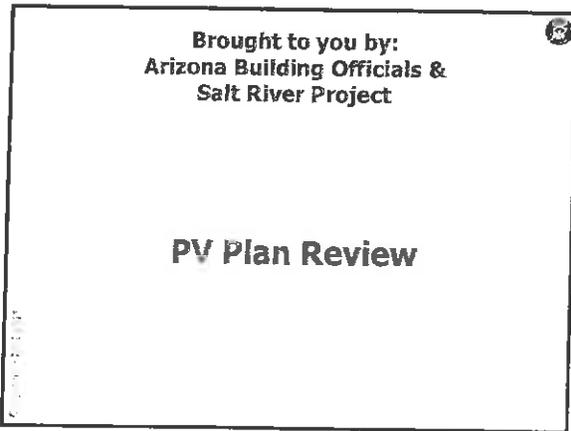
Code Section	Location of Label	Text
Common Utility Requirement	At the main electrical service when a supply side tap is used	CAUTION! SUPPLY SIDE TAP. OPEN AND LOCK AC PV DISCONNECT BEFORE REMOVING METER.
NEC 690.55	Battery enclosure	MAXIMUM OPERATING VOLTAGE, EQUALIZATION VOLTAGE POLARITY OF GROUNDED CONDUCTORS
When approved by the AHJ through NEC load calculations. NOTE: this is for a reduction of the existing main breaker to facilitate the added PV OCPD. There are no exceptions to 690.64 (B)(2) and 705.12 (D)(2) for the sum of OCPDs exceeding 120% of bus rating, even based on calculations. The main breaker may not be reduced below minimum requirements of NEC 230.79.	Main electric service	MAXIMUM MAIN BREAKER SIZE: XXX AMPS
IFC 605.11.1.4	On conduit, raceways, and enclosures, mark every 10 feet, at turns, above/below penetrations	WARNING: PHOTOVOLTAIC POWER SOURCE

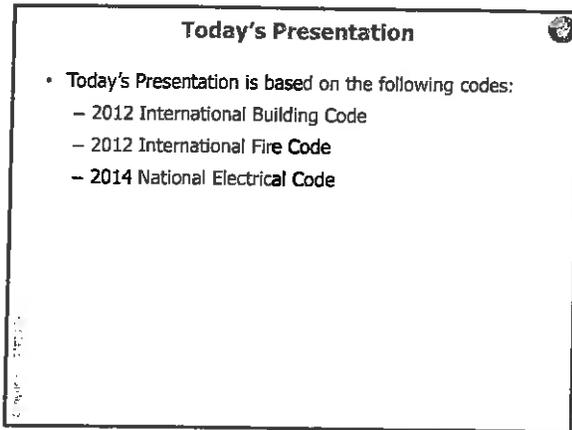
Section 12: Fire Safety

- Rooftop mounted PV panels and modules have the proper fire classification rating. (IBC 1509.7.2)
- Rooftop DC Conduits are located as close as possible to the ridge or hip or valley and from the hip or valley as directly as possible to an outside wall to reduce trip hazards and maximize ventilation opportunities. (IFC 605.11.2)
- Conduit runs between sub arrays and to DC combiner boxes are installed in a manner that minimizes total amount of conduit on the roof by taking the shortest path from the array to the DC combiner box. (IFC 605.11.2)
- DC Combiner Boxes are located so that conduit runs are minimized in the pathways between arrays. (IFC 605.11.2)
- DC wiring in enclosed spaces in buildings is installed in metallic conduit or raceways. Conduit runs along the bottom of load bearing members. (IFC 605.11.2 & 2011 NEC 690.4(F))

- DC wiring methods shall not be installed within 25cm (10") of the roof decking or sheathing except where directly below the roof surface covered by the PV modules and associated equipment. (2011 NEC 690.31(E)(1))
- All roofs have an access point that does not place ground ladders over openings such as windows or doors, are located at strong points of building construction, and in locations where the access point does not conflict with overhead obstructions such as tree limbs, wires, or signs. (IFC 605.11.3.1)
- Roofs with slopes greater than 2:12 have solar panel layouts that meet the following criteria: (some exceptions apply, see diagrams in IFC)
 - Hip Roofs: Panels/modules are located so that there is a 3-foot wide clear access pathway from the eave to the ridge on each roof slope where panels/modules are located. (IFC 605.11.3.2.1)
 - Hips and Valleys: If panels/modules are placed on both sides of a hip or valley they are located no closer than 18 inches to a hip or valley. If the panels are located on only one side of a hip or valley that is of equal length, then the panels can be placed directly adjacent to the hip or valley. (IFC 605.11.3.2.3)
 - Single Ridges: Panels/modules are located so that there are two 3-foot wide access pathways from the eave to the ridge on each roof slope where there are panels/modules installed. (IFC 605.11.3.2.2)
 - Ridges: Panels/modules are located no higher than 3 feet from the top of the ridge in order to allow for fire department smoke ventilation operations. (IFC 605.11.3.2.4)
 - Access pathways are located at a structurally sound location capable of supporting the load of fire fighters accessing the roof. (IFC 605.11.3.2.1)







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- Bureau Veritas – Business Development Manager
- City of Phoenix
 - Journeyman Wireman – IBEW
 - Commercial Electrical Inspector
 - Commercial Plans Examiner – Major Plans
 - Electrical Inspections Field Supervisor (AFP)
 - Supervisor Annual Facilities Permit program (AFP)
- IAEI/ICC Certified 1 & 2 Family, Residential Electrical
- IAEI/ICC Certified Commercial Electrical Inspector
- IAEI/ICC Certified Electrical Plans Examiner
- ICC Certified Building Official, Electrical Code Official

Introductions
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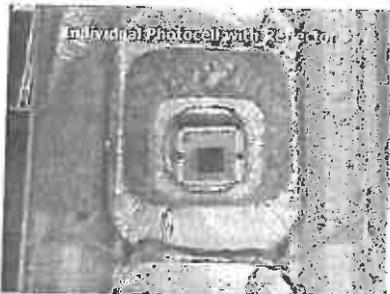


Photovoltaic Systems

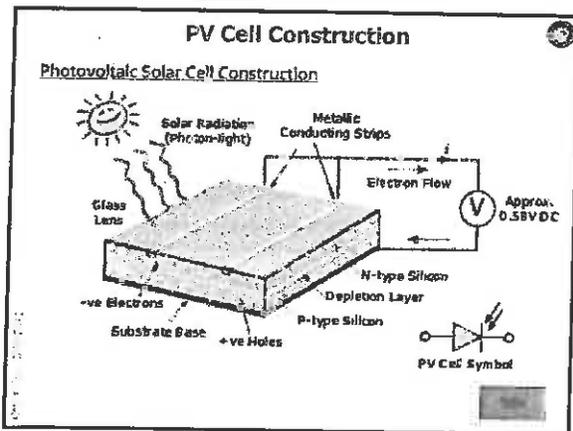
- **What is PV?**
 - Cell Construction
 - Panel Construction
 - Definitions
- **Where is it installed?**
 - Roof, Wall, Canopy, Pole, and Ground Mounted
- **Installation requirements to consider.**
 - Environment, Location, Type of System

690.2 Definitions

- **Solar Cell** - The basic photovoltaic device that generates electricity when exposed to light.

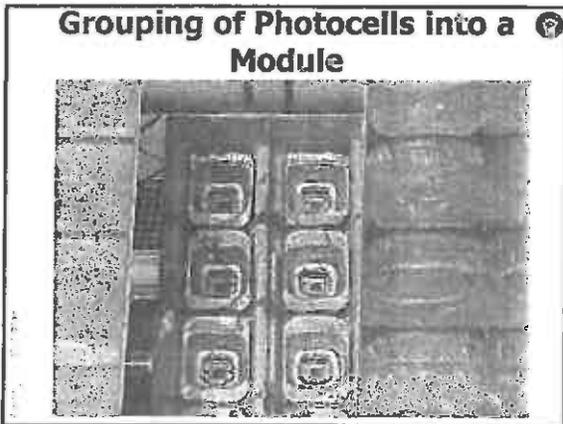


A microscopic image showing a square solar cell junction with a central square contact. The text 'Microscopic Photovoltaic Junction' is visible at the top of the image.



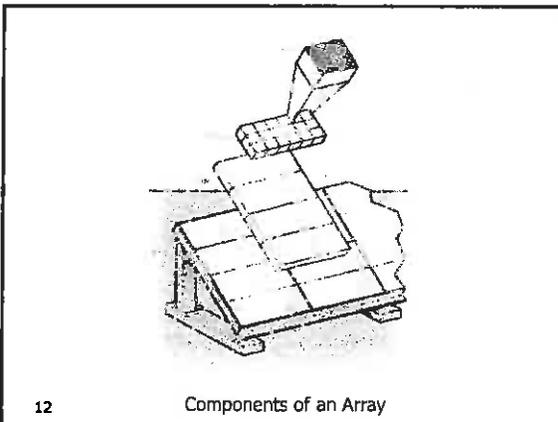
690.2 Definitions

- **Module** - A complete, environmentally protected unit consisting of solar cells, optics, and other components, exclusive of tracker, designed to generate dc power when exposed to sunlight.
- **Panel** - A collection of modules mechanically fastened together, wired, and designed to provide a field-installable unit.



690.2 Definitions

- **Array**
 - A mechanically integrated assembly of modules or panels with a support structure and foundation, tracker, and other components, as required, to form a direct-current power-producing unit.
- **Subarray**
 - An electrical subset of a PV array. 2011

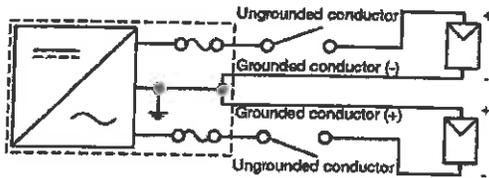


690.2 Definitions

- **Bipolar Photovoltaic Array**
 - A photovoltaic array that has two outputs, each having opposite polarity to a common reference point or center tap.
- **Blocking Diode**
 - A diode used to block reverse flow of current into a photovoltaic source circuit.

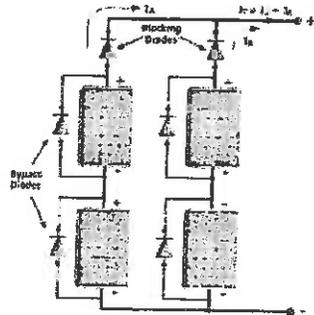
Bipolar Photovoltaic Array

- Simplified schematic for a 4 wire bipolar array which consists of a negatively grounded monopole subarray (top) and a positively grounded monopole subarray (bottom)



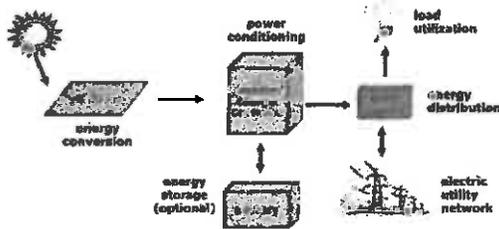
Blocking Diode

Circuit Schematic in Photovoltaic Array



What are Solar Photovoltaic (PV) Systems?

- Solar Photovoltaic (PV) System
 - The total components and subsystems that, in combination, convert solar energy into electrical energy suitable for connection to a utilization load.

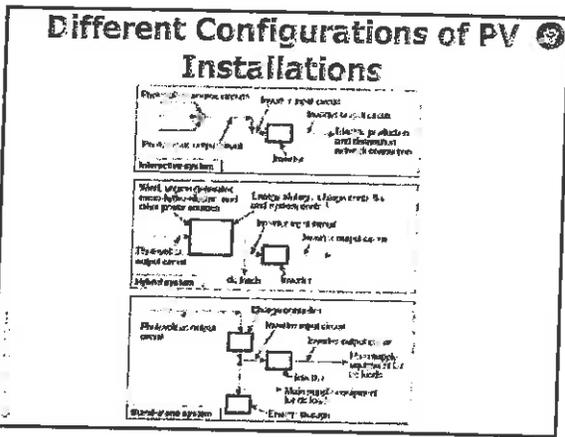


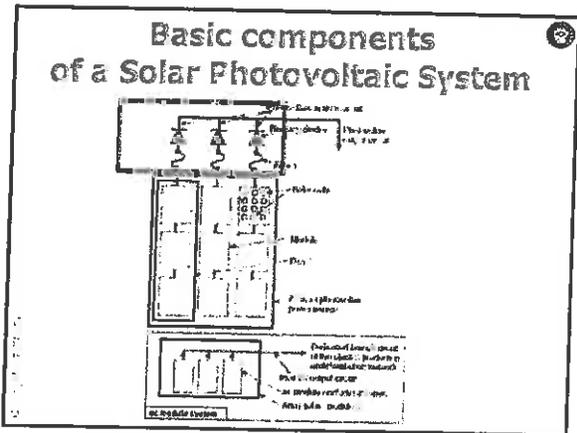
Types of Solar Photovoltaic Systems

- **Stand-Alone Systems**
 - Operate autonomously, independent of utility grid.
 - Typically use energy storage (batteries), hybrid systems use engine generator, wind turbine or other backup.
- **Simple Utility-Interactive**
 - PV system supplements on-site energy usage, electrical loads are supplied by either the PV system or utility or a combination of both, depending on the amount of PV generation and magnitude of the load.
 - PV array is directly connected to the inverter input, and inverter AC output is connected to the utility grid.
 - PV system operates in parallel and synchronously with the utility grid.

Types of Solar Photovoltaic Systems

- **Utility Interactive with Battery Storage**
 - Can operate either in interactive or stand-alone mode, but not simultaneously.
 - PV, inverter and battery subsystems interface between the customer's main service panel and dedicated load subpanel.
 - In interconnected mode, excess PV energy not required for battery charging is inverted and supplements on-site loads or is sent back to utility.
 - When the grid de-energizes, inverter isolates from grid and powers load subpanel directly from batteries, similar to a UPS system.





Modules Connected in Series

- Modules connected in series have the same short circuit current and rated current but the voltage of each module is additive to the other modules in series, based on Ohm's Law.
- Therefore placing the proper number of modules in series will provide the appropriate open circuit and rated voltage based upon the required voltage for operation of the equipment and to match the utility company voltage at the output of the inverter.

PARALLEL VOLTAGE STAYS SAME AMPS INCREASE

SERIES AMPS STAY THE SAME VOLTAGE INCREASES

Panels Connected in Parallel

Panels (Strings) connected in parallel have the same open circuit voltage and rated voltage but the current of each panel is additive to the other panels in parallel, based on Ohm's Law.

- Therefore placing the proper number of panels in parallel will provide the appropriate short circuit and rated current based upon the desired current for operation of the equipment.

AMPS

AC Module PV System

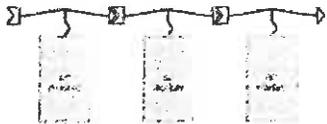


Diagram 1
The ac mod-
ules shown
here are
electrically
connected in
parallel using
a daisy-chain
configuration.

Daisy-chain cable connections

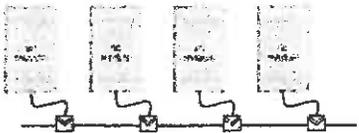
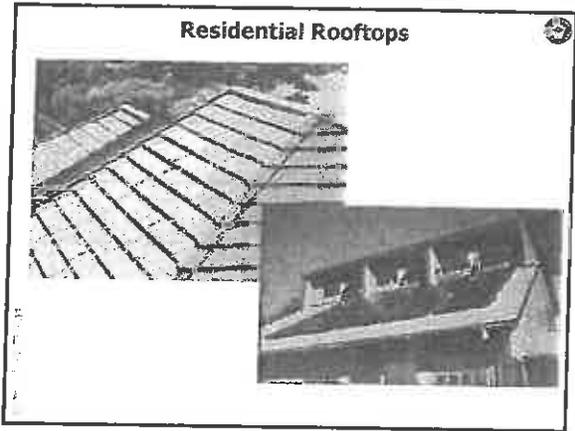


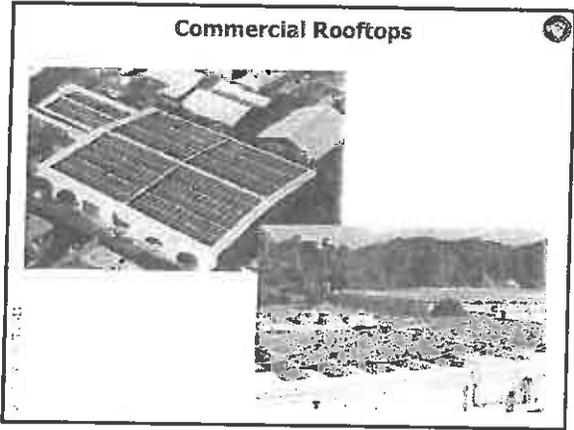
Diagram 2
The ac mod-
ules configu-
ration uses
an ac bus or
trunk cable to
connect the
output circuits
in parallel.

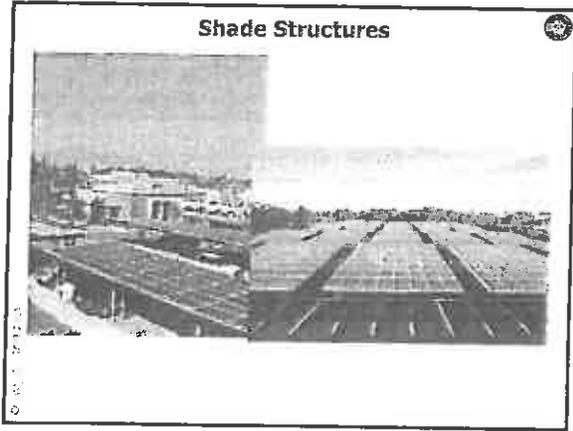
Trunk or bus cable connections

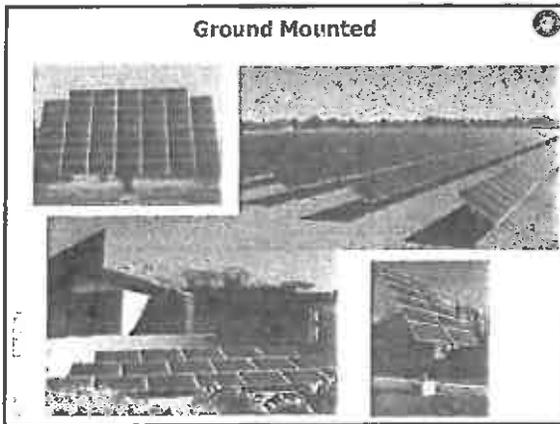
Where is PV Installed?

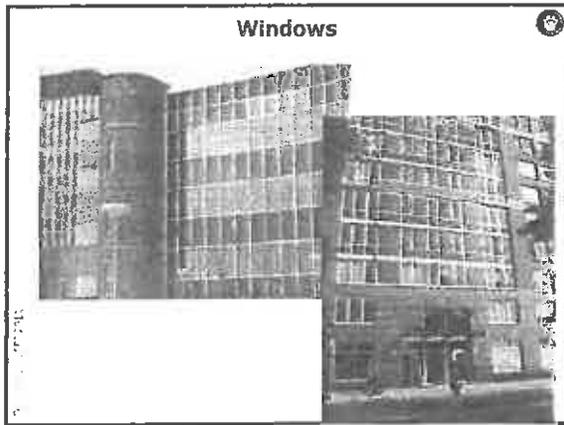
- NEC. 690.4 (A) Photovoltaic systems shall be permitted to supply a building or other structure in addition to any other electrical supply system(s).

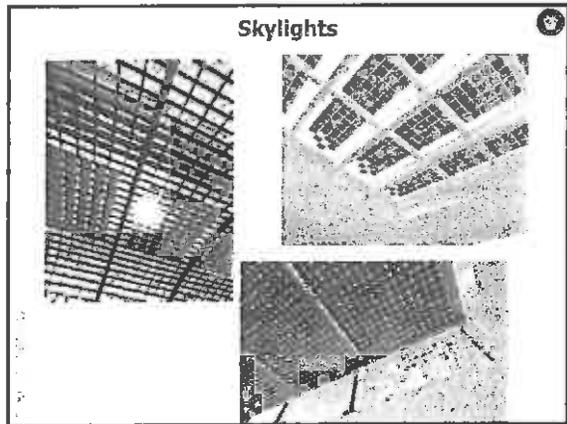


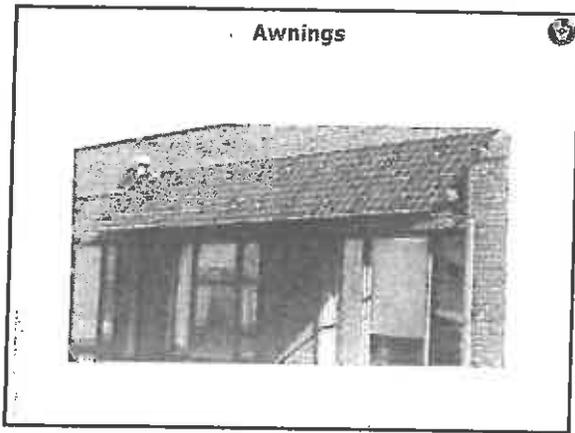


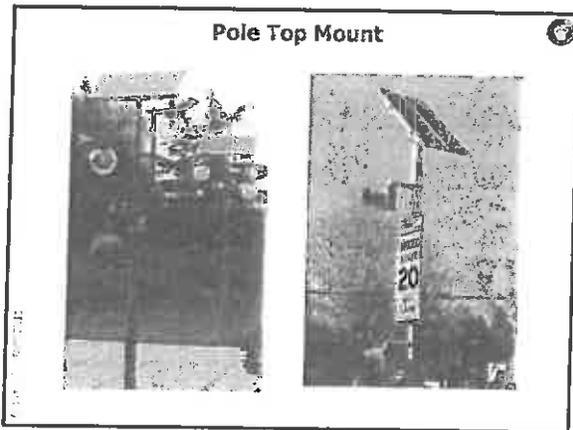


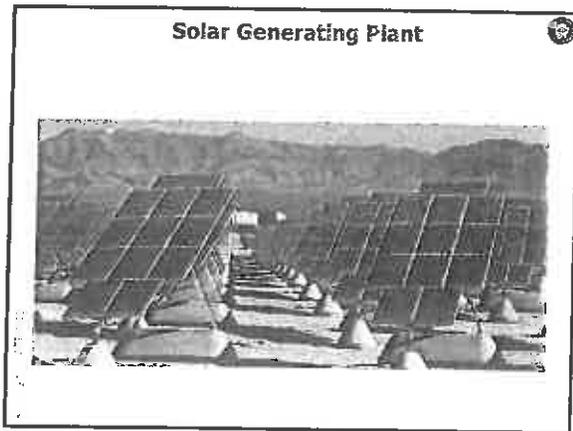








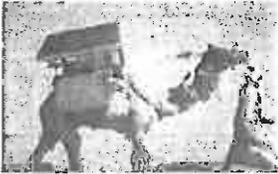




Miscellaneous



Cathodic Protection



Vaccine Refrigeration

Standards for Photovoltaic Systems and Equipment

- National Electrical Code®
 - Article 690 Solar Photovoltaic Systems
 - Article 705 Interconnected Electric Power Production Sources
 - Requires inverter UL1741 listing identified for interactive operation

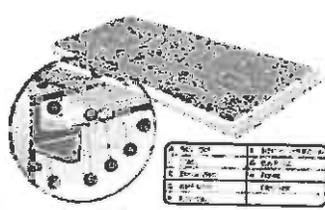
Standards for Photovoltaic Systems and Equipment

- IEEE 929-2000 Recommended Practice for Utility Interface of Photovoltaic (PV) Systems
- UL Standard 1741 – Inverters, Converters, and Controllers for Use in Independent Power Systems
 - Includes requirements of IEEE 929-2000
- UL Standard 1703 – Flat-Plate Photovoltaic Modules and Panels

The Standard - UL 1703

Standard for Safety for Photovoltaic Modules and Panels
Standard needed to meet US National Electrical Code (NEC)

- Electrical shock hazards
 - Product based
 - Application based
- Fire resistance
 - Product based
 - Application based
- Verify evaluation through testing
- Provide descriptive information for subsequent "Follow-Up" inspection or manufacturing locations





690.1 Scope

- The provisions of this article apply to solar photovoltaic (PV) electrical energy systems, including the array circuit(s), inverter(s), and controller(s) for such systems.
 - [See Figures 690.1(A) and 690.1(B).]
- Solar photovoltaic systems covered by this article may be interactive with other electrical power production sources or stand-alone
 - with or without electrical energy storage such as batteries.
- These systems may have ac or dc output for utilization.

690.2 Definitions

- **Building Integrated Photovoltaics**
 - Photovoltaic cells, devices, modules, or modular materials that are integrated into the outer surface or structure of a building and serve as the outer protective surface of that building.

690.2 Definitions

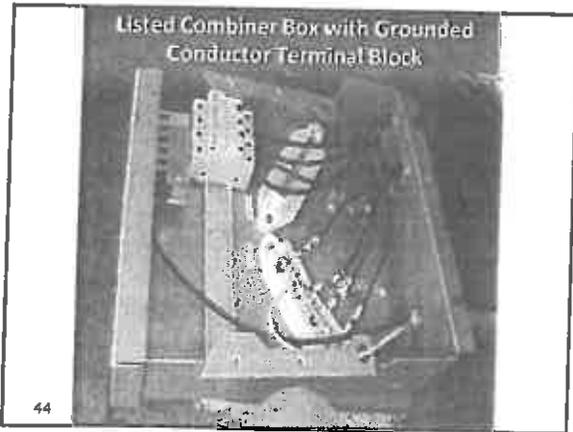
- **Interactive System.**
- A solar photovoltaic system that operates in parallel with and may deliver power to an electrical production and distribution network.
- For the purpose of this definition, an energy storage subsystem of a solar photovoltaic system, such as a battery, is not another electrical production source.

690.2 Definitions

- **Inverter.**
- Equipment that is used to change voltage level or waveform, or both, of electrical energy.
- Commonly, an inverter [also known as a power conditioning unit (PCU) or power conversion system (PCS)] is a device that changes dc input to an ac output.
- Inverters may also function as battery chargers that use alternating current from another source and convert it into direct current for charging batteries.

690.4 Installation

- (A) Photovoltaic Systems.
- Photovoltaic systems shall be permitted to supply a building or other structure in addition to any other electricity supply system(s).



690.4(D) Equipment

- Inverters, motor generators, photovoltaic modules, photovoltaic panels, ac photovoltaic modules, source-circuit combiners, and charge controllers intended for use in photovoltaic power systems shall be identified for use in solar photovoltaic systems and listed for the application.

690.4(G) Bipolar Photovoltaic Systems

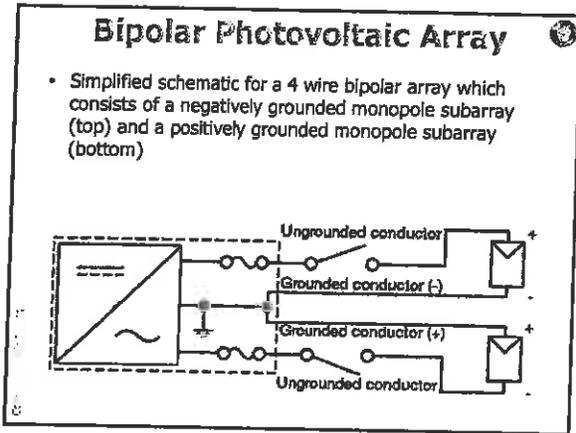
- Where the sum, without consideration of polarity, of the PV system voltages of the two monopole subarrays exceeds the rating of the conductors and connected equipment,
- Monopole subarrays in a bipolar PV system shall be physically separated,
- And the electrical output circuits from each monopole subarray shall be installed in separate raceways until connected to the inverter.

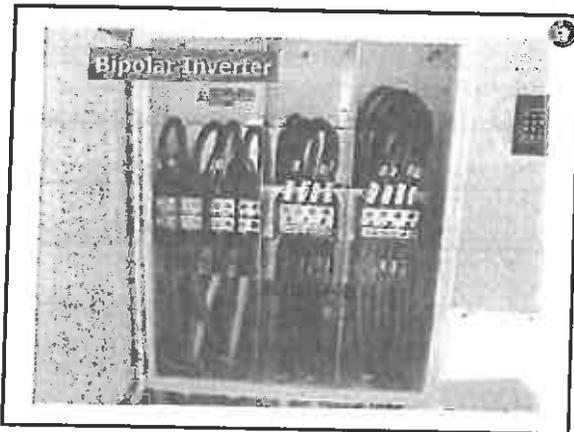
Explanation of Separate Routing of Conductors

- It is imperative that the positive and negative conductors of a bipolar PV array not come into contact with each other.
- If they come into contact, the sum of the open-circuit monopole subarray voltages (usually between 800 volts and 1200 volts) may be applied to switchgear, conductors, PV modules, and other equipment listed for 600 volts.
- Series-circuit breaks, line-to-line faults, and line-to-ground faults must be avoided.
- Equipment has been damaged and fires started in the past when faults of these types have occurred on bipolar PV systems.

690.4(G) Bipolar Photovoltaic Systems

- The disconnecting means and overcurrent protective devices for each monopole subarray output shall be in separate enclosures.
- All conductors from each separate monopole subarray shall be routed in the same raceway.
- Exception: Listed switchgear, rated for the maximum voltage between circuits, containing a physical barrier separating the disconnecting means for each monopole subarray, shall be permitted to be used instead of disconnecting means in separate enclosures.





690.4(H) Multiple Inverters

- A PV system shall be permitted to have multiple utility-interactive inverters installed in or on a single building or structure.
- Where the inverters are remotely located from each other, a directory in accordance with 705.10 shall be installed at each dc PV system disconnecting means, at each ac disconnecting means and at the main service disconnecting means showing the location of all ac and dc PV system disconnecting means in the building.
- Exception: A directory shall not be required where all inverters and PV dc disconnecting means are grouped at the main service disconnecting means.

690.6 Alternating-Current (ac) Modules

- (A) Photovoltaic Source Circuits
- The requirements of Article 690 pertaining to photovoltaic source circuits shall not apply to ac modules.
- The photovoltaic source circuit, conductors, and inverters shall be considered as internal wiring of an ac module.
- (B) Inverter Output Circuit
- The output of an ac module shall be considered an inverter output circuit.

690.11 Arc-Fault Circuit Protection (Direct Current)

(New for 2011 but product was not immediately available.)

- Photovoltaic systems with dc source circuits, dc output circuits, or both, on or penetrating a building operating at a PV system maximum system voltage of 80 volts or greater, shall be protected by a listed (dc) arc-fault circuit interrupter, PV type, or other system components listed to provide equivalent protection.
- The PV arc-fault protection means shall comply with the following requirements:
 - (1) The system shall detect and interrupt arcing faults resulting from a failure in the intended continuity of a conductor connection, module, or other system component in the dc PV source and output circuits.

690.11 Arc-Fault Circuit Protection (Direct Current) (New for 2011)

- (2) the system shall disable or disconnect one of the following:
 - a. Inverters or charge controllers connected to the fault circuit when the fault is detected.
 - b. System components within the arcing circuit.
- (3) The system shall require that the disabled or disconnected equipment be manually restarted.
- (4) The system shall have an annunciator that provides a visual indication that the circuit interrupter has operated. This indication shall not reset automatically.

Photovoltaic System Plan Review

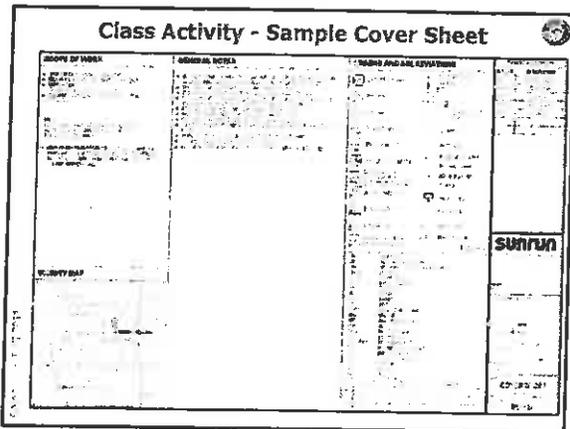
- **Goals**
 - Plan Submittal Requirements
 - Site Plan
 - Structural Details
 - Fire Code Requirements
 - One Line and Three Line Diagrams

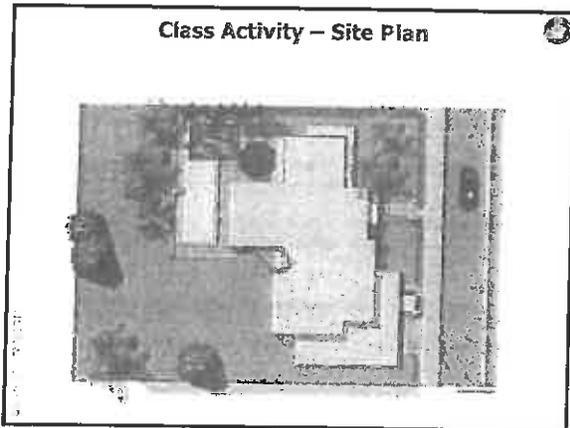
Photovoltaic System Plan Review

- **Goals (cont.)**
 - Calculations
 - Wire and Equipment Sizing
 - Overcurrent Devices
 - Grounding and Bonding
 - Signs and Placards

PV Installation Concerns

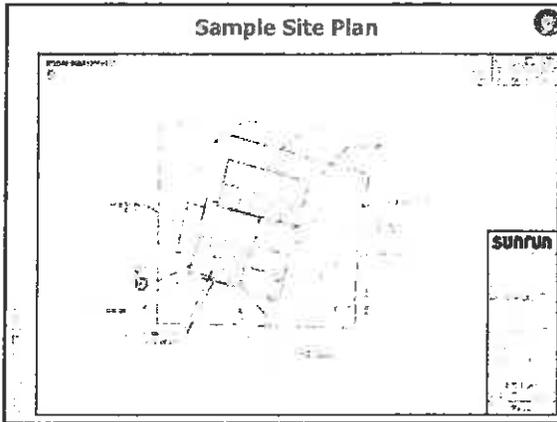
- Utility compatibility and interaction
- Environment (Indoor, rainproof, corrosion resistant, etc...)
- Maximum number of modules
- Fire exposure ratings
- Location on roof
- Effect on roof covering
- Wind and snow loading





2012 IBC SECTION 107 SUBMITTAL DOCUMENTS

- 107.2.5 Site plan.**
 - The *construction documents* submitted with the application for *permit* shall be accompanied by a site plan showing to scale the size and location of new construction and existing structures on the site, distances from *lot lines*, the established street grades and the proposed finished grades and, as applicable, flood hazard areas, floodways, and *design flood elevations*; and it shall be drawn in accordance with an accurate boundary line survey.

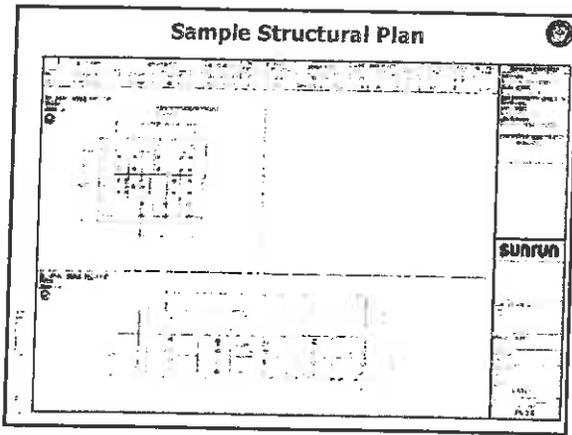


Structural Plans

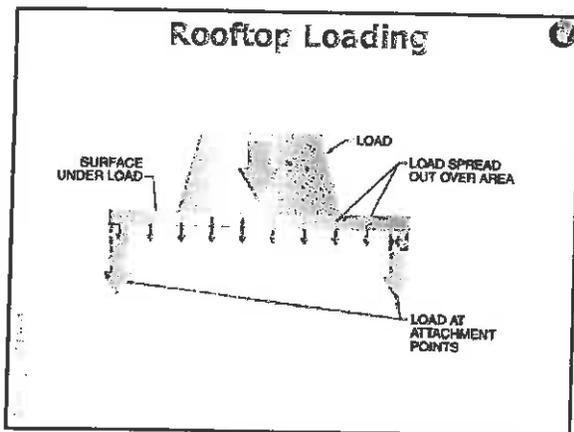
- **Structural plan identifying support information for roof mounted systems including the following:**
- The type of roof covering and the number of roofing layers installed.
- Type of roof framing, size of members and spacing.
- Weight of panels, support locations and method of attachment.
- Framing plan and details for any work necessary to strengthen the existing roof structure.
- Any relevant calculations (when required)

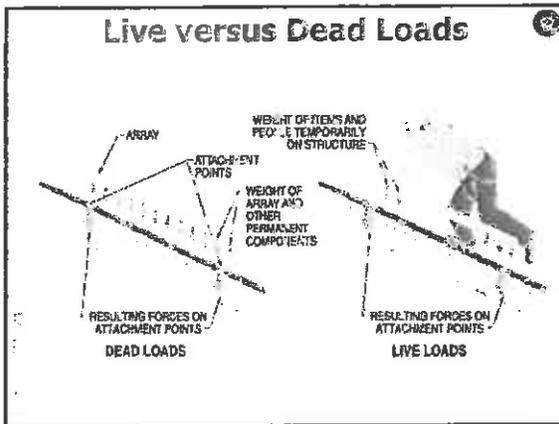
Structural Plans (continued)

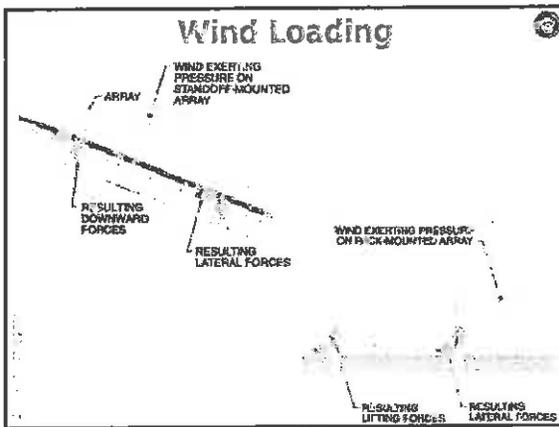
- **Structural plan identifying support information for roof mounted systems including the following:**
- Location of PV equipment on the building
- Where an approved racking system is used, provide documentation showing the manufacturer of the rack system, maximum allowable weight the system can support, attachment method to the roof or ground and product evaluation information or structural design for the rack system.

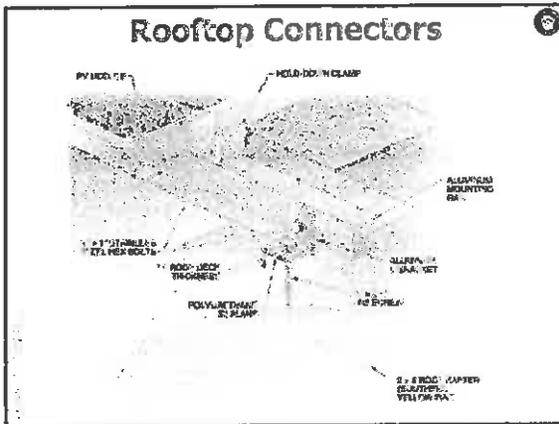


- Attachment**
- Dead loading and wind loading of roof are covered in
 - IBC 1603.1.4 - Wind design data
 - 1603.1.8 - Special Loads
 - 1604.2 - Strength
 - 1606.2 - Dead Loads









2012 IFC Solar Photovoltaic Systems

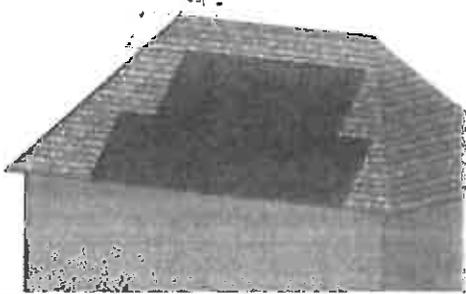
- **605.11.1 Marking.**
Marking is required on interior and exterior direct-current (DC) conduit, enclosures, raceways, cable assemblies, junction boxes, combiner boxes and disconnects.
- **605.11.1.1 Materials.**
The materials used for marking shall be reflective, weather resistant and suitable for the environment. Marking as required in Sections 605.11.1.2 through 605.11.1.4 shall have all letters capitalized with a minimum height of 3/8 inch (9.5 mm) white on red background.
- **605.11.1.2 Marking content.**
The marking shall contain the words "WARNING: PHOTOVOLTAIC POWER SOURCE."

2012 IFC Access Requirements

- **605.11.3.2.1 Residential buildings with hip roof layouts.**
Panels/modules installed on residential buildings with hip roof layouts shall be located in a manner that provides a 3-foot-wide (914 mm) clear access pathway from the eave to the ridge on each roof slope where panels/modules are located. The access pathway shall be located at a structurally strong location on the building capable of supporting the live load of fire fighters accessing the roof.

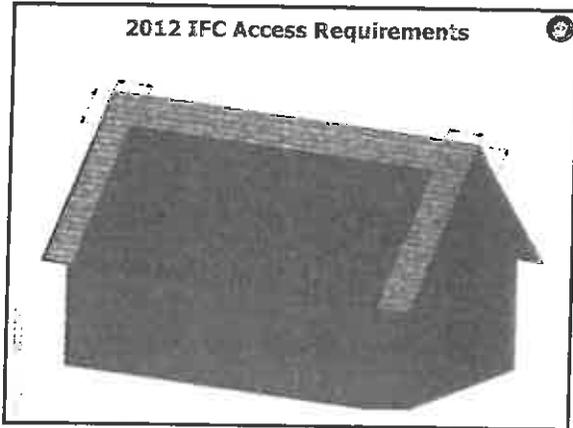
2012 IFC Access Requirements

- **605.11.3.2 Residential systems for one- and two family dwellings.**



2012 IFC Access Requirements

- 605.11.3.2.2 Residential buildings with a single ridge.**
Panels/modules installed on residential buildings with a single ridge shall be located in a manner that provides two, 3-foot-wide (914 mm) access pathways from the eave to the ridge on each roof slope where panels/modules are located.



2012 IFC Access Requirements

- 605.11.3.2.3 Residential buildings with roof hips and valleys.**
Panels/modules installed on residential buildings with roof hips and valleys shall be located no closer than 18 inches (457 mm) to a hip or a valley where panels/modules are to be placed on both sides of a hip or valley. Where panels are to be located on only one side of a hip or valley that is of equal length, the panels shall be permitted to be placed directly adjacent to the hip or valley.



2012 IFC Access Requirements

- **605.11.3.2.4 Residential building smoke ventilation.**
Panels/modules installed on residential buildings shall be located no higher than 3 feet (914 mm) below the ridge in order to allow for fire department smoke ventilation operations.

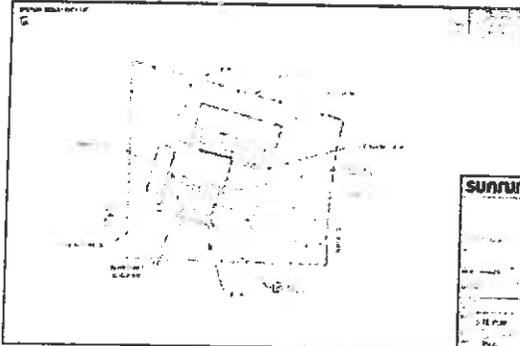
2012 IFC Access Requirements

- **605.11.3.3 Other than residential buildings.**
- **605.11.3.3.1 Access**
 - minimum 6-foot-wide clear perimeter around the edges of the roof.
- **605.11.3.3.2 Pathways.**
 - support live load of fire fighters (Approx. 270 lbs.)
 - centerline pathways provided in both axes of the roof.
 - straight line not less than 4 feet clear to skylights, ventilation hatches, or standpipes.
 - not less than 4 feet clear around roof access hatch with one 4 feet clear pathway to parapet or roof edge.

2012 IFC Access Requirements

- **605.11.4 Ground-mounted photovoltaic arrays.** Ground-mounted photovoltaic arrays shall comply with Sections 605.11 through 605.11.2 and this section. Setback requirements shall not apply to ground-mounted, free-standing photovoltaic arrays. A clear, brush-free area of 10 feet (3048 mm) shall be required for ground-mounted photovoltaic arrays.

Sample Site Plan



Recap

- Site Plan showing lot lines, trees, other structures, possible shading
- Location of utilities
- Building dimensions and orientation on the lot
- Location and layout of the PV arrays
- Structural calculations for type of roof, span of trusses, span of anchors
- Connection details for type of roof
- Fire Code requirements
- Have we missed anything?

Electrical Plans

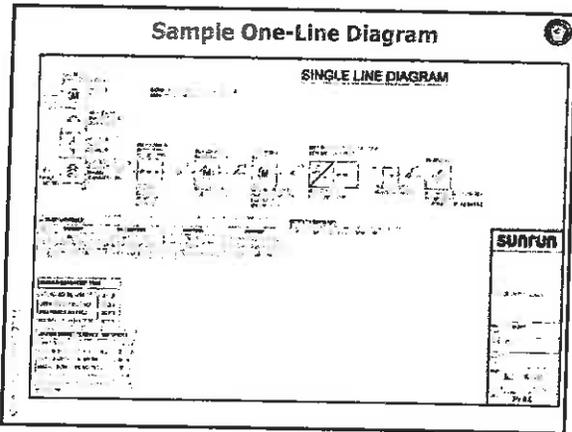
- **Electrical plan should be submitted that includes the following:**
- Locations of main service or utility disconnect.
- Total number of modules, number of modules per string and the total number of strings.
- Make and model of inverter(s) and/or combiner box if used.
- One-line diagram of system and a three-line diagram.
- Specify grounding/bonding, conductor type and size, conduit type and size and number of conductors in each section of conduit.

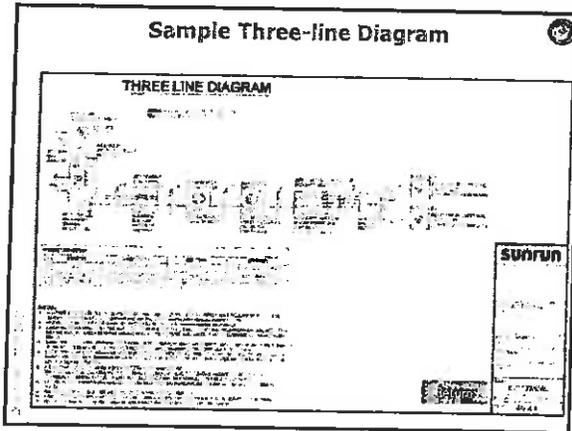
Electrical Plans (continued)

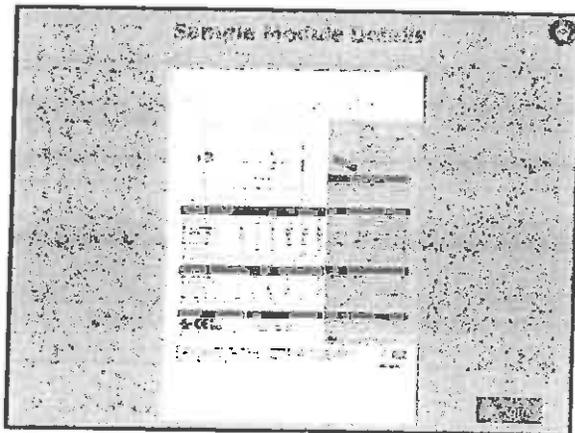
- **Electrical plan should be submitted that includes the following:**
- If batteries are to be installed include them in the diagram and show their locations and venting.
- Equipment cut sheets including inverters, modules, AC and DC disconnects and combiners.
- Labeling of equipment as required by Sections 690 and 705.
- Site diagram showing the arrangement of panels on the roof or ground, north arrow, lot dimensions, and the distance from property lines to adjacent buildings/structures (existing and proposed).

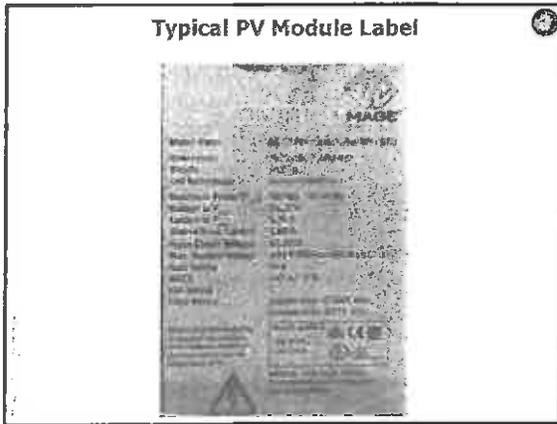
Electrical Plans (continued)

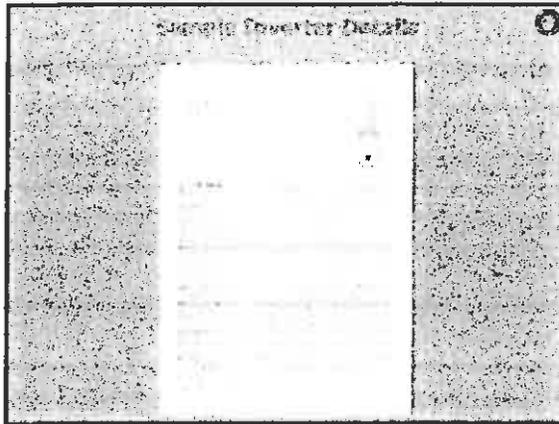
- **Site Plan**
 - NEC 80.21 (Annex H),
- **One-Line Diagram**
 - NEC 215.5
- **Equipment Specifications**
 - NEC 690.4(B)
 - Three-line diagram













Standards for Photovoltaic Systems and Equipment

- **IEEE 929-2000** Recommended Practice for Utility Interface of Photovoltaic (PV) Systems
- **UL Standard 1741** – Inverters, Converters, and Controllers for Use in Independent Power Systems
 - Includes requirements of IEEE 929-2000
- **UL Standard 1703** – Flat-Plate Photovoltaic Modules and Panels

NEC 690.7 Maximum Voltage

- **690.7 Maximum Voltage.**
- **(A) Maximum Photovoltaic System Voltage.** In a dc photovoltaic source circuit or output circuit, the maximum photovoltaic system voltage for that circuit shall be calculated as the sum of the rated open-circuit voltage of the series-connected photovoltaic modules corrected for the lowest expected ambient temperature.

NEC 690.7 Maximum Voltage

- For crystalline and multicrystalline silicon modules, the rated open-circuit voltage shall be multiplied by the correction factor provided in Table 690.7.
- When open-circuit voltage temperature coefficients are supplied in the instructions for listed PV modules, they shall be used to calculate the maximum photovoltaic system voltage as required by 110.3(B) instead of using Table 690.7.

Table 690.7 – Voltage Correction Factors for Crystalline and Multicrystalline Silicone Modules

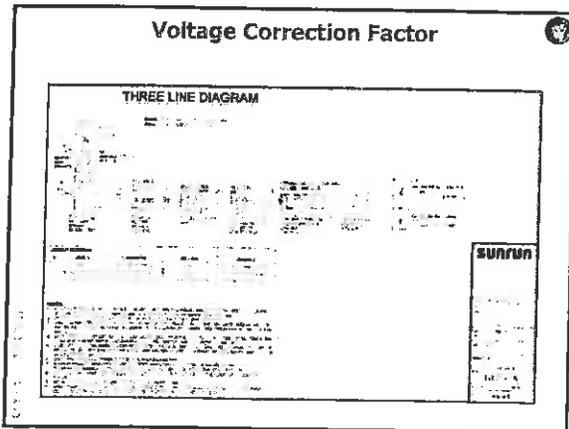
Correction Factor: as for Ambient Temperature Below 25°C (77°F)
 (Multiply the rated open-circuit voltage by the appropriate correction factor shown below.)

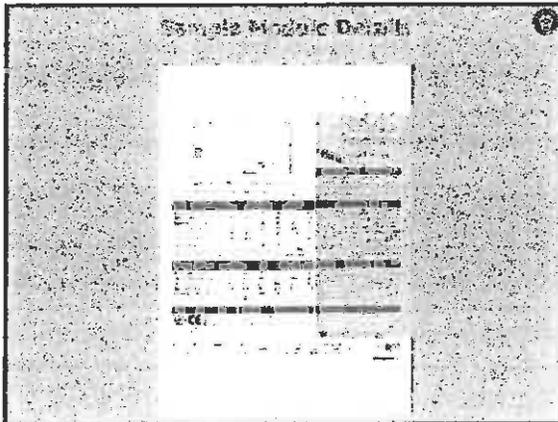
Ambient Temperature [°C]	Factor	Ambient Temperature [°F]
20 to 25	1.02	75 to 80
25 to 30	1.04	80 to 85
31 to 35	1.05	88 to 95
36 to 40	1.06	95 to 103
41 to 45	1.07	105 to 113
46 to 50	1.08	113 to 122
51 to 55	1.09	122 to 131
56 to 60	1.10	131 to 140
61 to 65	1.11	140 to 149
66 to 70	1.12	149 to 158
71 to 75	1.13	158 to 167
76 to 80	1.14	167 to 176
81 to 85	1.15	176 to 185
86 to 90	1.16	185 to 194
91 to 95	1.17	194 to 203
96 to 100	1.18	203 to 212
101 to 105	1.19	212 to 221
106 to 110	1.20	221 to 230
111 to 115	1.21	230 to 239
116 to 120	1.22	239 to 248

Table 690.7 – Voltage Correction Factors for Crystalline and Multicrystalline Silicone Modules

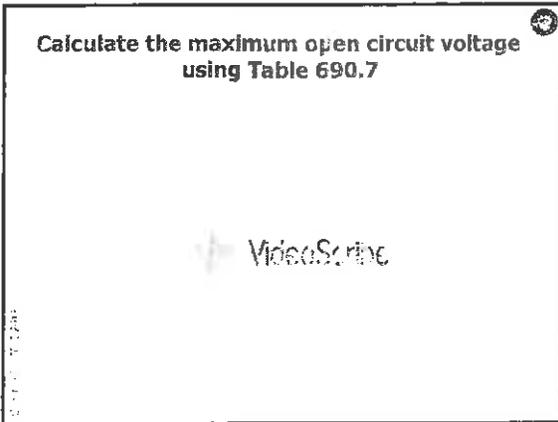
Correction Factor: as for Ambient Temperature Below 25°C (77°F)
 (Multiply the rated open-circuit voltage by the appropriate correction factor shown below.)

Ambient Temperature [°C]	Factor	Ambient Temperature [°F]
20 to 25	1.02	75 to 80
26 to 30	1.04	80 to 85
31 to 35	1.05	88 to 95
36 to 40	1.06	95 to 103
41 to 45	1.07	105 to 113
46 to 50	1.08	113 to 122
51 to 55	1.09	122 to 131
56 to 60	1.10	131 to 140
61 to 65	1.11	140 to 149
66 to 70	1.12	149 to 158
71 to 75	1.13	158 to 167
76 to 80	1.14	167 to 176
81 to 85	1.15	176 to 185
86 to 90	1.16	185 to 194
91 to 95	1.17	194 to 203
96 to 100	1.18	203 to 212
101 to 105	1.19	212 to 221
106 to 110	1.20	221 to 230
111 to 115	1.21	230 to 239
116 to 120	1.22	239 to 248





37.8 volts D.C.



Calculate the maximum open circuit voltage using Voltage Temperature Coefficient

37.8	V	$V_{oc(Ta)}$	Corrected Open Circuit Voltage - Based on Ambient Temperature
-0.27	V/T	$V_{oc(Tc)}$	Open Circuit Voltage from Manufacturer's Cut Sheet - Based on a Referenced Temperature (Tc)
-3.9	°C	b_{oc}	Temperature Coefficient for Open Circuit Voltage (V/T)
25	°C	T_a	Lowest Expected Ambient Temperature
		T_c	Reference Temperature - Manufacturer's Cut Sheet (BTIC)
32.71	V	$V_{oc(Tc)}$	$V_{oc(Tc)} = V_{oc(Ta)} + b_{oc} \times (T_c - T_a)$ (Where b is given as V/T)
14		N	Quantity of PV modules in series
557.2	V	V_{max}	Maximum Open Circuit System Voltage ($V_{max} = V_{oc(Tc)} \times N$)

$V_{oc}(T_a) = 37.8 \text{ V} + (-.27 \% \text{ V/C}) \times (-3.9 \text{ C} - 25\text{C}) = 39.8 \text{ V}$

Max System DC Voltage = 39.8 V x 14 = 557.2 V DC

690.7 Maximum Voltage

- (D) Circuits Over 150 Volts to Ground
- In one- and two-family dwellings, live parts in photovoltaic source circuits and photovoltaic output circuits over 150 volts to ground shall not be accessible to other than qualified persons while energized.
- Informational Note: See 110.27 for guarding of live parts, and 210.6 for voltage to ground and between conductors.
- Commentary
 - Where dc circuitry over 150 volts to ground is present in one- and two-family dwellings, additional protection for unqualified persons may be needed.
 - Protection may be in the form of conduit, a closed cabinet, or an enclosure that requires the use of tools to open it and that permits entry only by qualified persons.

690.8 Circuit Sizing and Current

- (A) Calculation of Maximum Circuit Current.
- The maximum current for the specific circuit shall be calculated in accordance with 690.8(A)(1) through (A)(5).
 - Informational Note: Where the requirements of 690.8(A)(1) and (B)(1) are both applied, the resulting multiplication factor is 156 percent.

Required Module Details

- Maximum Power (P_{max}) = 000.0 watts
- Open-Circuit Voltage (V_{oc}) = 00.00 volts
- Short Circuit Current (I_{sc}) = 0.00 amps
- Rated Voltage (V_{pmax}) = 00.00 volts
- Rated Current (I_{pmax}) = 0.00 amps
- Maximum System Voltage = 000 volts
- Maximum Series Fuse = 00 amps

690.8(A) Calculation of Maximum Circuit Current

- (1) Photovoltaic Source Circuit Currents.
- The maximum current shall be the sum of parallel module rated short-circuit currents multiplied by 125 percent.
- (2) Photovoltaic Output Circuit Currents.
- The maximum current shall be the sum of parallel source circuit maximum currents as calculated in 690.8(A)(1).



690.8(A) Calculation of Maximum Circuit Current

- (3) Inverter Output Circuit Current.
- The maximum current shall be the inverter continuous output current rating.
- (4) Stand-Alone Inverter Input Circuit Current.
- The maximum current shall be the stand-alone continuous inverter input current rating when the inverter is producing rated power at the lowest input voltage.



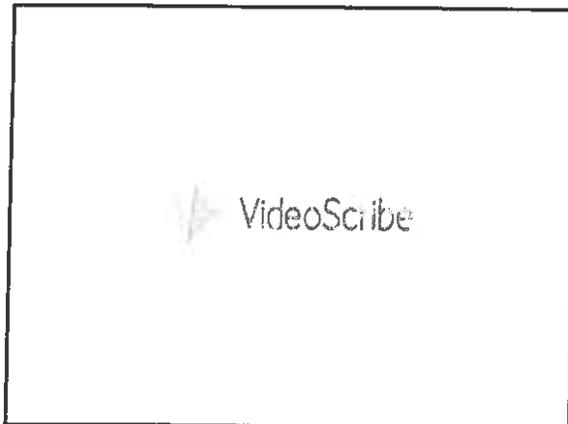
690.8(A) Calculation of Maximum Circuit Current

- (5) DC-to-DC Converter Output Current.
- The maximum current shall be the dc-to-dc converter continuous output current rating.



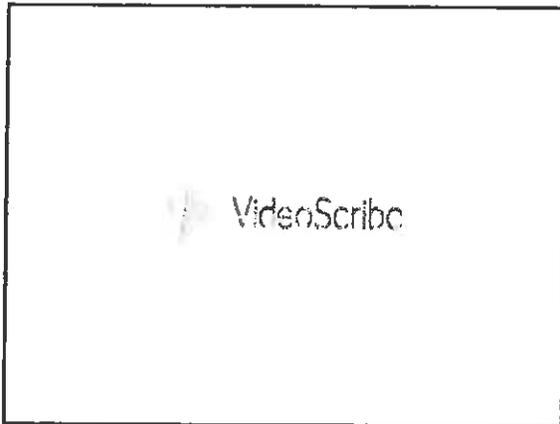
NEC 690.8(A)(1)
Photovoltaic Source Circuit Currents

- Determine the short circuit current rating of the modules
- Total the short circuit current rating for all modules (panels) connected in parallel and multiply by 125%



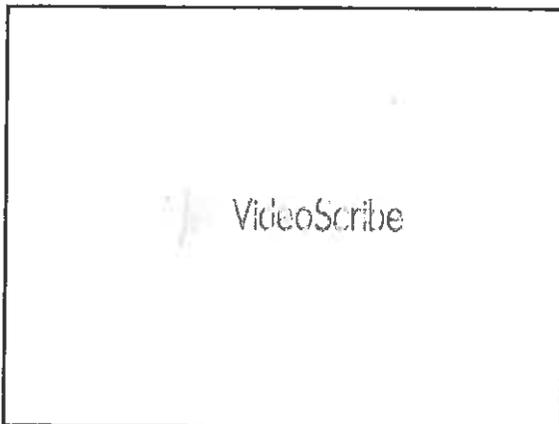
690.8(B) Conductor Ampacity

- PV system currents shall be considered to be continuous. Circuit conductors shall be sized to carry not less than the **larger** of 690.8(B)(1) or (2).
- (1) One hundred and twenty-five percent of the maximum currents calculated in 690.8(A) **before** the application of adjustment and correction factors.
- Exception: Circuits containing an assembly, together with its overcurrent device(s), that is listed for continuous operation at 100 percent of its rating shall be permitted to be used at 100 percent of its rating.
- (2) The maximum currents calculated in 690.8(A) **after** the application of adjustment and correction factors.



Sample 3-line Conductor Sizing

- Calculation based on 690.8(B)(2)
- $I_{sc} \times 125\% \times \text{the \# of parallel sets} = \text{Ampacity for conductors}$
- 22.75 amps
- Based on the 60°C column in Table 310.15(B)(16), and the requirements of 240.4(D), the conductor required would be a 10 AWG THWN copper good for 30 amps without any correction factors.



Sample 3-Line Conductor Sizing

- Calculation based on 690.8(B)(2)
- 22.75 amps minimum conductor ampacity
- Minimum conductor size - #10 Cu
- Wet location - all outdoor locations are damp or wet locations
- Using the Table 310.15(B)(2)(a) for ambient temperature correction, the correction factor for 41-45 C in the 90°C column is 0.87.
- #10 cu THWN-2 is rated at 40 amps in the 90 deg. C column
- $40 \times .87 = 34.8$ amps maximum ampacity
- NEC 240.4(D) limits #10 conductors to 30 amps maximum, so the #10 conductors would still be correct.

0.87
For temperature correction

Sample 3-Line Conductor Sizing

- Rooftop Adder - 3.5 - 12 inches above roof = 17 deg. C adder
- $42 + 17 = 59$ deg. C
- Ambient Temperature - 56 - 60 deg. C = .71 derate
- $40 \times .71 = 28.4$ amps

0.71
For temperature correction

Sample 3-Line Conductor Sizing

- More than 3 current carrying conductors in a raceway
- Conduit #2 on Conduit Schedule = 4 - #10 THWN-2 in a ¾ inch EMT raceway.
- Table 310.15(B)(3)(a) - 4 through 6 conductors = .8 derate
- 28.4 amps from previous slide $\times .8 = 22.72$
- If Conduit #2 is run across the roof, #10 conductors would not be large enough.
- Conduit #2 run through attic: Ambient derate? Rooftop derate? More than 3 conductors in a raceway?
- $40 \times .8 = 32$ amps

0.8
For temperature correction

Optimizers, AC Modules, & Micro-inverters

Optimizers

AC Modules

Micro-Inverters

690.9 Overcurrent Protection

- A) Circuits and Equipment.
- PV source circuit, PV output circuit, inverter output circuit, and storage battery circuit conductors and equipment shall be protected in accordance with the requirements of Article 240.
- Protection devices for PV source circuits and PV output circuits shall be in accordance with the requirements of 690.9(B) through (E).

690.9 Overcurrent Protection

- A) Circuits and Equipment (Continued)
- Circuits, either ac or dc, connected to current-limited supplies (e.g. PV modules, ac output of utility-interactive inverters), and also connected to sources having significantly higher current availability (e.g., parallel strings of modules, utility power), shall be protected at the source from overcurrent.

690.9 Overcurrent Protection

- Exception: An overcurrent device shall not be required for PV modules or PV source circuit conductors sized in accordance with 690.8(B) where one of the following applies:
 - (a) There are no external sources such as parallel connected source circuits, batteries, or backfeed from inverters.
 - (b) The short-circuit currents from all sources do not exceed the ampacity of the conductors and the maximum overcurrent protective device size rating specified on the PV module nameplate.

690.9(B) Overcurrent Device Ratings

- Overcurrent device ratings shall be not less than 125 percent of the maximum currents calculated in 690.8(A).
- Exception: Circuits containing an assembly, together with its overcurrent device(s), that is listed for continuous operation at 100 percent of its rating shall be permitted to be used at 100 percent of its rating.

690.9(C) Direct-Current Rating

- Overcurrent devices, either fuses or circuit breakers, used in any DC portion of a PV power system shall be listed and shall have the appropriate voltage, current, and interrupt ratings.
- (D) Photovoltaic Source and Output Circuits.
- Listed PV overcurrent devices shall be required to provide overcurrent protection in PV source and output circuits. The overcurrent devices shall be accessible but shall not be required to be readily accessible.

690.9(E) Series Overcurrent Protection

- In grounded PV source circuits, a single overcurrent protection device, where required, shall be permitted to protect the PV modules and the interconnecting conductors.
- In ungrounded PV source circuits complying with 690.35, an overcurrent protection device, where required, shall be installed in each ungrounded circuit conductor and shall be permitted to protect the PV modules and the interconnecting cables.

690.9(F) Power Transformers.

- Overcurrent protection for a transformer with a source(s) on each side shall be provided in accordance with 450.3 by considering first one side of the transformer, then the other side of the transformer, as the primary.
- Exception: A power transformer with a current rating on the side connected toward the utility-interactive inverter output, not less than the rated continuous output current of the inverter, shall be permitted without overcurrent protection from the inverter.

690.11 Arc-Fault Circuit Protection (Direct Current)

- Photovoltaic systems with DC source circuits, DC output circuits, or both, operating at a PV system maximum system voltage of 80 volts or greater, shall be protected by a listed (dc) arc-fault circuit interrupter, PV type, or other system components listed to provide equivalent protection



690.12 Rapid Shutdown of PV Systems on Buildings

- PV system circuits installed on or in buildings shall include a rapid shutdown function that controls specific conductors in accordance with 690.12(i) through (5) as follows.
- (1) Requirements for controlled conductors shall apply only to PV system conductors of more than 1.5 m (5 ft) in length inside a building, or more than 3 m (10ft) from a PV array.
- (2) Controlled conductors shall be limited to not more than 30 volts and 240 volt-amperes within 10 seconds of rapid shutdown initiation.
- (3) Voltage and power shall be measured between any two conductors and between any conductor and ground

690.12 Rapid Shutdown of PV Systems on Buildings

- (4) The rapid shutdown initiation methods shall be labeled in accordance with 690.56(C).
- (5) Equipment that performs the rapid shutdown shall be listed and identified.

690.13 Building or Other Structure Supplied by a Photovoltaic System.

- Means shall be provided to disconnect all ungrounded dc conductors of a PV system from all other conductors in a building or other structure.
- (A) Location. The PV disconnecting means shall be installed at a readily accessible location either on the outside of a building or structure or inside nearest the point of entrance of the system conductors.
- Exception: Installations that comply with 690.31(G) shall be permitted to have the disconnecting means located remote from the point of entry of the system conductors.



690.64 Point of Connection

- Starting in the 2011 NEC, 690.64 states:
- Point of connection shall be in accordance with 705.12



705.12 Point of Connection

- The output of an interconnected electric power source shall be connected as specified in 705.12(A), (B), (C), or (D).
- **705.12(A) Supply Side**
- An electric power production source shall be permitted to be connected to the supply side of the service disconnecting means as permitted in 230.82(6).
- The sum of the ratings of all overcurrent devices connected to power production sources shall not exceed the rating of the service.



705.12 Point of Connection

- **705.12(D) Utility-Interactive Inverters**
- The output of a utility interactive inverter shall be permitted to be connected to the load side of the service disconnecting means of the other source(s) at any distribution equipment on the premises.
- Where distribution equipment including switchboards and panelboards are fed simultaneously by a primary source(s) of electricity and one or more utility-interactive inverters, and where this distribution equipment is capable of supplying multiple branch circuits or feeders or both, the interconnecting provisions for the utility-interactive inverter(s) shall comply with (D)(1) through (D)(7).

705.12(D) Point of Connection

- **(1) Dedicated Overcurrent and Disconnect.** The source interconnection of one or more inverters installed in one system shall be made at a dedicated circuit breaker or fusible disconnecting means.
- **(2) Bus or Conductor Ampere Rating.** One hundred twenty-five percent of the inverter output circuit current shall be used in ampacity calculations for the following:

705.12(D)(2) Point of Connection.

- **(1) Feeders.**
- **(2) Taps.**
- **(3) Busbars.** One of the methods that follows shall be used to determine the ratings of busbars in panelboards.
- (a) The sum of 125 percent of the inverter(s) output circuit current and the rating of the overcurrent device protecting the busbar shall not exceed the ampacity of the busbar.

705.12(D)(2) Point of Connection

- **Informational Note:** This general rule assumes no limitation in the number of the loads or sources applied to busbars or their locations.
- (b) Where two sources, one a utility and the other an inverter, are located at opposite ends of a busbar that contains loads, the sum of 125 percent of the inverter(s) output circuit current and the rating of the overcurrent device protecting the busbar shall not exceed 120 percent of the ampacity of the bus bar. The busbar shall be sized for the loads connected in accordance with Article 220. A permanent warning label shall be applied to the distribution equipment adjacent to the back-fed breaker from the inverter that displays the following or equivalent wording:

705.12(D) Point of Connection

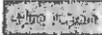
- **WARNING: INVERTER OUTPUT CONNECTION; DO NOT RELOCATE THIS OVER CURRENT DEVICE.**
- The warning sign(s) or label(s) shall comply with 110.21 (B).
- (d) Connections shall be permitted on multiple-ampacity busbars or center-fed panelboards where designed under engineering supervision that includes fault studies and busbar load calculations.

705.12(D) Point of Connection

- (3) Marking. Equipment containing overcurrent devices in circuits supplying power to a busbar or conductor supplied from multiple sources shall be marked to indicate the presence of all sources.
- (4) Suitable for Backfeed. Circuit breakers, if backfed, shall be suitable for such operation.
- Informational Note: Fused disconnects, unless otherwise marked, are suitable for backfeeding.
- (5) Fastening. Listed plug-in-type circuit breakers backfed from utility-interactive inverters that are listed and identified as Interactive shall be permitted to omit the additional fastener normally required by 408.36(D) for such applications.

705.12(D) Point of Connection

- (6) Wire Harness and Exposed Cable Arc-Fault Protection. A utility-interactive inverter(s) that has a wire harness or cable output circuit rated 240 V, 30 amperes, or less, that is not installed within an enclosed raceway, shall be provided with listed ac APCI protection.



690.41 System Grounding

- Photovoltaic systems shall comply with one of the following:
 - (1) Ungrounded systems shall comply with 690.35.
 - (2) Grounded two-wire systems shall have one conductor grounded or be impedance grounded, and the system shall comply with 690.5.
 - (3) Grounded bipolar systems shall have the reference (center tap) conductor grounded or be impedance grounded, and the system shall comply with 690.5.
 - (4) Other methods that accomplish equivalent system protection in accordance with 250.4(A) with equipment listed and identified for the use shall be permitted to be used.

690.35 Ungrounded Photovoltaic Power Systems

- Photovoltaic power systems shall be permitted to operate with ungrounded PV source and output circuits where the system complies with 690.35(A) through (G).
- (A) **Disconnects.** All PV source and output circuit conductors shall have disconnects complying with 690, Part III.
- (B) **Overcurrent Protection.** All PV source and output circuit conductors shall have overcurrent protection complying with 690.9.

690.35 Ungrounded Photovoltaic Power Systems

- (C) **Ground-Fault Protection.** All PV source and output circuits shall be provided with a ground-fault protection device or system that complies with 690.35(1) through (4):
 - (1) Detects ground fault(s) in the PV array dc current-carrying conductors and components
 - (2) Indicates that a ground fault has occurred
 - (3) Automatically disconnects all conductors or causes the inverter or charge controller connected to the faulted circuit to automatically cease supplying power to output circuits
 - (4) Is listed for providing PV ground-fault protection

690.35 Ungrounded Photovoltaic Power Systems

- **(D) Conductors.** The PV source conductors shall consist of the following:
 - (1) Metallic or nonmetallic jacketed multiconductor cables
 - (2) Conductors installed in raceways
 - (3) Conductors listed and identified as PV wire installed as exposed, single conductors, or
 - (4) Conductors that are direct-buried and identified for direct-burial use

690.35 Ungrounded Photovoltaic Power Systems

- **(E) Battery Systems.** The PV power system direct-current circuits shall be permitted to be used with ungrounded battery systems complying with 690.71(G).
- **(F) Marking.** The PV power source shall be labeled with the following warning at each junction box, combiner box, disconnect, and device where energized, ungrounded circuits may be exposed during service:
 - **WARNING ELECTRIC SHOCK HAZARD. THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED.**
- The warning sign(s) or label(s) shall comply with 110.21(B).

690.43 Equipment Grounding

- Equipment grounding conductors and devices shall comply with 690.43(A) through (F).
- **(A) Equipment Grounding Required.** Exposed noncurrent-carrying metal parts of PV module frames, electrical equipment, and conductor enclosures shall be grounded in accordance with 250.134 or 250.136(A), regardless of voltage.
- **(B) Equipment Grounding Conductor Required.** An equipment grounding conductor between a PV array and other equipment shall be required in accordance with 250.110.

690.43 Equipment Grounding

- **(C) Structure as Equipment Grounding Conductor.** Devices listed and identified for grounding the metallic frames of PV modules or other equipment shall be permitted to bond the exposed metal surfaces or other equipment to mounting structures. Metallic mounting structures, other than building steel, used for grounding purposes shall be identified as equipment-grounding conductors or shall have identified bonding jumpers or devices connected between the separate metallic sections and shall be bonded to the grounding system.
- **(D) Photovoltaic Mounting Systems and Devices.** Devices and systems used for mounting PV modules that are also used to provide grounding of the module frames shall be identified for the purpose of grounding PV modules.

690.43 Equipment Grounding

- **(E) Adjacent Modules.** Devices identified and listed for bonding the metallic frames of PV modules shall be permitted to bond the exposed metallic frames of PV modules to the metallic frames of adjacent PV modules.
- **(F) All Conductors Together.** Equipment grounding conductors for the PV array and structure (where installed) shall be contained within the same raceway or cable or otherwise run with the PV array circuit conductors when those circuit conductors leave the vicinity of the PV array.

690.45 Size of Equipment Grounding Conductors

- Equipment grounding conductors for PV source and PV output circuits shall be sized in accordance with 250.122. Where no overcurrent protective device is used in the circuit, an assumed overcurrent device rated at the PV maximum circuit current shall be used when applying Table 250.122. Increases in equipment grounding conductor size to address voltage drop considerations shall not be required. An equipment grounding conductor shall not be smaller than 14 AWG.

690.47 Grounding Electrode System

- **(A) Alternating-Current Systems.** If installing an ac system, a grounding electrode system shall be provided in accordance with 250.50 through 250.60. The grounding electrode conductor shall be installed in accordance with 250.64.
- **(B) Direct-Current Systems.** If installing a dc system, a grounding electrode system shall be provided in accordance with 250.166 for grounded systems or 250.169 for ungrounded systems. The grounding electrode conductor shall be installed in accordance with 250.64. A common dc grounding-electrode conductor shall be permitted to serve multiple inverters. The size of the common grounding electrode and the tap conductors shall be in accordance with 250.166.

690.47 Grounding Electrode System

- 690.47(B) Continued.
- The tap conductors shall be connected to the common grounding-electrode conductor by exothermic welding or with connectors listed as grounding and bonding equipment in such a manner that the common grounding electrode conductor remains without a splice or joint.
- An ac equipment grounding system shall be permitted to be used for equipment grounding of inverters and other equipment and for the ground-fault detection reference for ungrounded PV systems.

690 Part VI. Marking

- 690.51 Modules.
- 690.52 Alternating-Current Photo voltaic Modules.
- 690.53 Direct-Current Photovoltaic Power Source.
- 690.54 Interactive System Point of Interconnection.
- 690.55 Photovoltaic Power Systems Employing Energy Storage.
- 690.56 Identification of Power Sources.

Review

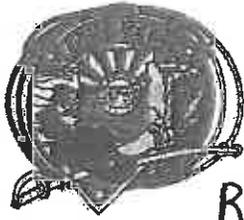
- Modules – Detail sheets
- Mounting System
- Structural Details
- Fire Code Requirements
- Maximum System Voltage Calculations
- Maximum Short Circuit Current Calculations
- Conductor Ampacity
- Overcurrent Device Sizing
- Point of Connection
- Grounding

Photovoltaic Plan Review

Questions?

Ralph Garcia
(502) 402-2055
ralph.garcia@iaeiarizona.com

PERMIT FEE 294.93



RIL-35

Town of Camp Verde
Community Development - Building Division
473 S. Main Street, Suite 108
Telephone: 928.554.0050 Fax: 928.567.7401
www.campverde.az.gov

OFFICIAL USE ONLY:

PERMIT NUMBER: 20160339

TIME/DATE STAMP: AUG 25 '16 PM 3:18

APPLICATION FOR PERMIT

PROJECT INFORMATION:

PROJECT TYPE: [X] RESIDENTIAL [] COMMERCIAL [] ADDITION [] ALTERATION/REMODELING [] DEMOLITION [] NEW [] OTHER

DESCRIPTION OF PROJECT: INSTALLATION OF A 3.975 KW PHOTOVOLTAIC SYSTEM & RELATED MATERIAL

HAS CONSTRUCTION STARTED ON THIS PROPERTY: [] YES [X] NO SQUARE/LINEAR FOOTAGE: 5440 VALUATION: \$ 8,307.75

PROPERTY INFORMATION:

PARCEL NUMBER: PHYSICAL ADDRESS:

DITCH INFORMATION (IF APPLICABLE):

DITCH NAME: PROPOSED PROJECT'S DISTANCE FROM DITCH:

SANITATION SERVICE PROVIDED BY:

[] CAMP VERDE WASTE WATER DIVISION (SEWER) [] SEPTIC SYSTEM - PERMIT NUMBER:

Note: Sewer connection permits must be obtained directly from the Camp Verde Waster Water Division. Please contact the Waste Water Division at (928) 567-6794. Septic permits must be obtained directly from Yavapai County Development Services. Please contact Yavapai County at (928) 639-8151 or www.yavapai.us.

WATER SERVICE PROVIDED BY:

[] CAMP VERDE WATER COMPANY [] VERDE LAKES WATER COMPANY [] WELL - PERMIT NUMBER:

Note: Well licensing information can be obtained through Arizona Department of Water Resources (ADWR). Please contact ADWR at (602) 771-8500 or www.azwater.gov.

PROPERTY OWNER INFORMATION:

OWNER(S) NAME:

MAILING ADDRESS: CITY: CAMP VERDE STATE: AZ

ZIP CODE: 86322 PHONE: (928) E-MAIL:

Note: If you recently purchased this property and Yavapai County does not yet reflect you as the current property owner, you will be required to show proof of ownership documentation at the time of application submittal.

APPLICANT INFORMATION:

[] OWNER [] TENANT [] AGENT [X] CONTRACTOR [] OTHER

APPLICANT NAME: SUNRVN INSTALLATIONS / ADAM MOESER

MAILING ADDRESS: 9234 E. VALLEY RD #E CITY: PRESCOTT VALLEY STATE: AZ

ZIP CODE: 86314 PHONE: (928) 899-3915 E-MAIL: ADAM.MOESER@SUNRVN.COM

Attention Applicant: If you are not the property owner, you must have something in writing from the property owner granting you permission to act on their behalf as agent. Or the following Designation of Agent clause must be signed by the property owner:

DESIGNATION OF AGENT

WHEREAS, the above property owner is seeking to develop or improve real property within the municipal limits of the Town of Camp Verde, Yavapai County, Arizona, which will require the filing, processing, and payment of certain zoning, construction and inspection permits and reports, both from the Town and related agencies, and WHEREAS, the owner elects to designate an agent with authority to file and process all necessary permits and information related to property zoning and improvement, including the authority to pay fees and consent to inspections, NOW THEREFORE, the undersigned owner hereby designates:

whose address is:

as agent to file the permit applications and related documents with the Town of Camp Verde, with such authority to continue until the application process is complete or as may be earlier revoked in writing.

OWNER NAME: SIGNATURE: DATE:

PERMIT FEE 385.11



Town of Camp Verde
Community Development - Building Division
♦ 473 S. Main Street, Suite 108 ♦ Camp Verde, Arizona 86322 ♦
♦ Telephone: 928.554.0050 ♦ Fax: 928.567.7401 ♦
♦ www.campverde.az.gov ♦

OFFICIAL USE ONLY:

PERMIT NUMBER:

20160335

TIME/DATE STAMP:

AUG 25 '16 PM 3:23

R9L-7.5

APPLICATION FOR PERMIT

PROJECT INFORMATION:

PROJECT TYPE: RESIDENTIAL COMMERCIAL ADDITION ALTERATION/REMODELING DEMOLITION NEW OTHER

DESCRIPTION OF PROJECT: INSTALLATION OF A 9.54 KW PHOTOVOLTAIC SYSTEM & RELATED MATERIALS

HAS CONSTRUCTION STARTED ON THIS PROPERTY: YES NO SQUARE/LINEAR FOOTAGE: 665 VALUATION: \$19938.60

PROPERTY INFORMATION:

PARCEL NUMBER: _____ PHYSICAL ADDRESS: _____

DITCH INFORMATION (IF APPLICABLE):

DITCH NAME: _____ PROPOSED PROJECT'S DISTANCE FROM DITCH: _____

SANITATION SERVICE PROVIDED BY:

CAMP VERDE WASTE WATER DIVISION (SEWER) SEPTIC SYSTEM - PERMIT NUMBER: _____

Note: Sewer connection permits must be obtained directly from the Camp Verde Waster Water Diviston. Please contact the Waste Water Division at (928) 567-6794. Septic permits must be obtained directly from Yavapai County Development Services. Please contact Yavapai County at (928) 639-8151 or www.yavapai.us.

WATER SERVICE PROVIDED BY:

CAMP VERDE WATER COMPANY VERDE LAKES WATER COMPANY WELL - PERMIT NUMBER: _____

Note: Well licensing information can be obtained through Arizona Department of Water Resources (ADWR). Please contact ADWR at (602) 771-8500 or www.azwater.gov.

PROPERTY OWNER INFORMATION:

OWNER(S) NAME: _____

MAILING ADDRESS: 5 _____ CITY: CAMP VERDE STATE: AZ

ZIP CODE: 86322 PHONE: (928) _____ E-MAIL: _____

Note: If you recently purchased this property and Yavapai County does not yet reflect you as the current property owner, you will be required to show proof of ownership documentation at the time of application submittal.

APPLICANT INFORMATION:

OWNER TENANT AGENT CONTRACTOR OTHER

APPLICANT NAME: SUNRUN INSTALLATIONS/ADAM MOESER

MAILING ADDRESS: 9234 E. VALLEY RD #E CITY: PRESCOTT VALLEY STATE: AZ

ZIP CODE: 86314 PHONE: (928) 899-3915 E-MAIL: ADAM.MOESER@SUNRUN.COM

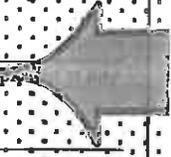
Attention Applicant: If you are not the property owner, you must have something in writing from the property owner granting you permission to act on their behalf as agent. Or the following Designation of Agent clause must be signed by the property owner:

DESIGNATION OF AGENT

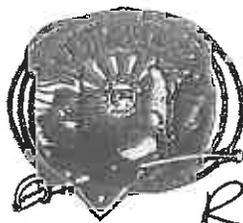
WHEREAS, the above property owner is seeking to develop or improve real property within the municipal limits of the Town of Camp Verde, Yavapai County, Arizona, which will require the filing, processing, and payment of certain zoning, construction and inspection permits and reports, both from the Town and related agencies, and WHEREAS, the owner elects to designate an agent with authority to file and process all necessary permits and information related to property zoning and improvement, including the authority to pay fees and consent to inspections, NOW THEREFORE, the undersigned owner hereby designates:

_____, whose address is: _____
as agent to file the permit applications and related documents with the Town of Camp Verde, with such authority to continue until the application process is complete or is earlier revoked in writing.

OWNER NAME: _____ SIGNATURE: _____ DATE: _____



PERMIT FEE 344.93



R1-10

Town of Camp Verde
Community Development - Building Division
473 S. Main Street, Suite 108 Camp Verde, Arizona 86322
Telephone: 928.554.0050 Fax: 928.567.7401
www.campverde.az.gov

OFFICIAL USE ONLY:

PERMIT NUMBER:

20160325

TIME/DATE STAMP:

AUG 16 '16 AM 11:38

APPLICATION FOR PERMIT

PROJECT INFORMATION:

PROJECT TYPE: [X] RESIDENTIAL [] COMMERCIAL [] ADDITION [] ALTERATION/REMODELING [] DEMOLITION [] NEW [] OTHER

DESCRIPTION OF PROJECT: INSTALLATION OF A 4.04 KW PHOTOVOLTAIC SYSTEM & RELATED MATERIAL

HAS CONSTRUCTION STARTED ON THIS PROPERTY: [] YES [X] NO SQUARE/LINEAR FOOTAGE: 3340 VALUATION: \$ 8861160

PROPERTY INFORMATION:

PARCEL NUMBER: PHYSICAL ADDRESS:

DITCH INFORMATION (IF APPLICABLE):

DITCH NAME: PROPOSED PROJECT'S DISTANCE FROM DITCH:

SANITATION SERVICE PROVIDED BY:

[] CAMP VERDE WASTE WATER DIVISION (SEWER) [] SEPTIC SYSTEM - PERMIT NUMBER:

Note: Sewer connection permits must be obtained directly from the Camp Verde Waste Water Division. Please contact the Waste Water Division at (928) 567-6794. Septic permits must be obtained directly from Yavapai County Development Services. Please contact Yavapai County at (928) 639-8151 or www.yavapai.us.

WATER SERVICE PROVIDED BY:

[] CAMP VERDE WATER COMPANY [] VERDE LAKES WATER COMPANY [] WELL - PERMIT NUMBER:

Note: Well licensing information can be obtained through Arizona Department of Water Resources (ADWR). Please contact ADWR at (602) 773-8500 or www.azwater.gov.

PROPERTY OWNER INFORMATION:

OWNER(S) NAME:

MAILING ADDRESS: CITY: CAMP VERDE STATE: AZ

ZIP CODE: 86322 PHONE: (928) E-MAIL:

Note: If you recently purchased this property and Yavapai County does not yet reflect you as the current property owner, you will be required to show proof of ownership documentation at the time of application submittal.

APPLICANT INFORMATION:

[] OWNER [] TENANT [] AGENT [X] CONTRACTOR [] OTHER

APPLICANT NAME: SUNRUN INSTALLATIONS / ADAM MOESER

MAILING ADDRESS: 9234 E. VALLEY RD #E CITY: PRESCOTT VALLEY STATE: AZ

ZIP CODE: 86314 PHONE: (928) 899-3915 E-MAIL: ADAM.MOESER@SUNRUN.COM

Attention Applicant: If you are not the property owner, you must have something in writing from the property owner granting you permission to act on their behalf as agent. Or the following Designation of Agent clause must be signed by the property owner:

DESIGNATION OF AGENT

WHEREAS, the above property owner is seeking to develop or improve real property within the municipal limits of the Town of Camp Verde, Yavapai County, Arizona, which will require the filing, processing, and payment of certain zoning, construction and inspection permits and reports, both from the Town and related agencies, and WHEREAS, the owner elects to designate an agent with authority to file and process all necessary permits and information related to property zoning and improvement, including the authority to pay fees and consent to inspections, NOW THEREFORE, the undersigned owner hereby designates:

whose address is:

as agent to file the permit applications and related documents with the Town of Camp Verde, with such authority to continue until the application process is complete or as may be earlier revoked in writing.

OWNER NAME: SIGNATURE: DATE:

ARS TITLE PAGE	NEXT DOCUMENT	PREVIOUS DOCUMENT
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9-468. Solar construction permits; standards

A. Municipalities shall adopt the following standards for issuing permits for the use of certain solar energy devices:

1. For construction with solar photovoltaic systems that are intended to connect to a utility system, the following apply:

(a) The location of the photovoltaic system installation shall be indicated on the construction plans, including the roof plan and elevation.

(b) Photovoltaic panel mounting details shall be included in the installation plans.

(c) The electrical diagrams shall include one-line and three-line diagrams.

(d) For direct current to alternating current conversions, the cut sheet and listings for inverters shall be included in the plans.

(e) A municipality shall not require a stamp from a professional engineer for a solar photovoltaic system unless an engineering stamp is deemed necessary. If an engineering stamp is deemed necessary, the municipality shall provide the permittee a written explanation of why the engineering stamp is necessary.

2. For solar water heating systems, the following apply:

(a) The location of the solar panel system shall be indicated on the construction plans, including the roof plan and elevation, and shall include mounting details for panel installation.

(b) Construction plan notes shall include a requirement that solar water heating equipment be installed in compliance with applicable plumbing codes and as prescribed by a solar rating and certification corporation and any guidelines adopted by this state.

(c) A municipality shall not require a stamp from a professional engineer for a single family solar water heating system unless an engineering stamp is deemed necessary. If an engineering stamp is deemed necessary, the municipality shall provide the permittee a written explanation of why the engineering stamp is necessary.

B. Any building or permit fee or charge assessed by a city or town for a building permit for solar construction must be attributable to and defray or cover the expense of the service for which the fee or charge is assessed. A fee or charge shall not exceed the actual cost of issuing a permit, and a written, itemized list of the individual costs associated with the permit fee shall be provided at the request of the permittee.

C. Before adoption of a fee for service or an additional or separate charge pursuant to this section, a city or town shall hold a public hearing on the issue with at least fifteen days' published notice.

D. The method by which a city or town arrives at an assessed permit or plan fee must be published and made available to the public.

BELOW IS THE INFORMATION CONCERNING SOLAR PERMITTING COSTS

Hi Carol,

Per our earlier conversation, here's a snapshot of other jurisdiction's solar fees:

Cottonwood.....\$44

Clarkdale.....\$50

Sedona.....\$75

Yavapai County...\$155

Camp Verde.....\$500 to \$800

Camp Verde averages 3X more than the next most expensive permit and it's the only Jurisdiction that requires the solar permit be approved by the Fire Marshall. This causes a constant re-occurrence of rejected permits that go from us, to our Permit Pusher, to Camp Verde, to the Fire Marshall, and often rejected by the Fire Marshall, back to Camp Verde, back to the Permit Pusher, and back to us. This on several occasions has delayed our construction for weeks.

If I can be clear on something, this process has never altered or changed our original plan, but rather caused unnecessary delays and increased costs for us and our customers.

Because the equipment and installation techniques are virtually identical on every, job, several AHJ's (including Yavapai County) have implemented an expedited solar permit process. We just submit the 3 line electrical drawing, site plan, equipment specs, and they return the permit within 3 days.

We enjoy the people & working in Camp Verde, but if anything could be done to address these issues, it would much appreciated!

Thanks Carol!

Additional information
item #13 from Carol German

I think the issue is basically because the town assesses the permit price on the system's valuation rather than its (The Towns) incurred cost.

I just pulled a random 6 Camp Verde permits we've paid for:

- | | |
|----|--------------|
| 1. |\$596 |
| 2. |\$508 |
| 3. |\$1,043 |
| 4. |\$553 |
| 5. |\$584 |
| 6. |\$595 |

Please understand this is just the permit fee, not the hours of paying someone for multiple return trips for corrections from Camp Verde and/or the Fire Marshall. When we figure this additional cost it's not uncommon for us to incur \$1K+ just to obtain our solar permit from Camp Verde.

Per ARS 9-468, section B..." *A fee or charge shall not exceed the actual cost of issuing a permit*

If Camp Verde would adopt a reasonable flat fee for solar which covers its incurred cost, I think everyone would be happy.

Hi Carol,

Just paid for another Camp Verde permit. This was a really basic system, same as all the others we do:

REFERENCE	QTY.	DESCRIPTION	PRICE EA	AMOUNT
	1	Camp Verde Roof Mounted 7.7 KW PV system		608.11

Solar City is one of the League of Cities and Towns sponsors. At the conference I asked if they could send me some random solar permit fees from other cities and towns. Below is what was received from Solar City. Unfortunately, the names of the cities were not listed with the fees. However, it does show that many of those are approximately what Yavapai County and neighboring cities in the Verde Valley have as solar permit fees.

350
150
50
50
350
250
300
200
150
50
100
300

Deputy Director of Field Campaigns | SolarCity

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 7/01/2016 THRU 7/31/2016 USE SEGMENT DATES

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160240 E-FINPLAT	0/00/0000 7/13/2016	SIMONTON RANCH 18 LLC FINAL PLAT	NONE FINPLAT - FINAL PLAT	OWNER OWNER	FINAL PLAT 0.00	E-FINELAT 2,170.00
20160252 ZC	0/00/0000 7/05/2016	ANDERSON REVOCABLE LIVING T ZONING CLEARANCE	386 SILVER BUGLE DRIVE	OWNER OWNER	ZONING CLEARANCE 2,000.00	ZC 85.00
20160254 SOLAR	7/12/2016 7/07/2016	MITCHELL, BARBARA J SOLAR INSTALLATION	2110 VIA LINDA W SOLAR - SOLAR INSTALLATION	RECSOLARIN OWNER	SOLAR INSTALLATION 16,845.40	SOLAR 486.33
20160255 E-ADMIN	0/00/0000 7/07/2016	WILSON, TIMOTHY B & CHR ADMINISTRATIVE REVIEW	2695 VERDE WEST DRIVE ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160256 04-RES ACC	7/25/2016 7/07/2016	EDJ VERDE LLC RESIDENTIAL ACCESSORY	836 STATE ROUTE 260 RES - RESIDENTIAL ACCESSORY	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD 45,000.00	RES ACC 2,244.43
20160257 FENCE	0/00/0000 7/08/2016	WEAVER, JORDY FENCE	1895 QUARTERHORSE LANE FENCE - FENCE	OWNER OWNER	FENCE 100.00	FENCE 50.00
20160258 FENCE	0/00/0000 7/08/2016	KAT INVESTMENTS LLC FENCE	2720 EACHARY LANE FENCE - FENCE	RCHOMES&DE OWNER	FENCE 1,750.00	FENCE 50.00
20160259 SIGN-WALL	7/13/2016 7/11/2016	VERDE VALLEY CENTER LLC SIGN - WALL	1620 STATE ROUTE 260 B1 SIGN-WALL - WALL SIGN	OWNER OWNER	WALL SIGN 40.00	SIGN 40.00
20160260 DEMO-COM	7/11/2016 7/11/2016	HUALAPAI COMMERCIAL DEMOLITION	1602 STATE ROUTE 260 DEMO-COM - COMMERCIAL DEMOL	OWNER OWNER	COMMERCIAL DEMOLITION 0.00	DEMO-COM 150.00
20160261 E-ADMIN	0/00/0000 7/11/2016	GH MANAGEMENT GROUP LLC ADMINISTRATIVE REVIEW	803 INDUSTRIAL DRIVE ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160262 E-ADMIN	0/00/0000 7/11/2016	WONG, DAMIEN ADMINISTRATIVE REVIEW	346 MAIN STREET 16 ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160273 02-RES ADD	0/00/0000 7/12/2016	RUNYAN, BELVA RESIDENTIAL ADDITION	437 AZURE PLACE 02-RESADD - RESIDENTIAL ADD	STANLEYSIE OWNER	RESIDENTIAL ADDITION 4,500.00	02-RES ADD 284.23
20160274 MECH-COM	7/12/2016 7/12/2016	TOWN OF CAMP VERDE COM- MECHANICAL	473 MAIN ST MECH-COM - COMMERCIAL MECHA	CHRISCONNE OWNER	COMMERCIAL MECHANICAL 0.00	MECH-COM 0.00
20160275 MECH-RES	7/12/2016 7/12/2016	KAT INVESTMENTS LLC RES - MECHANICAL	3763 MOCKINGBIRD LANE MECH-RES - RESIDENTIAL MECH	BEESON COM OWNER	RESIDENTIAL MECHANICAL 3,000.00	MECH-RES 75.00
20160276 E-ADMIN	0/00/0000 7/13/2016	VERDE VALLEY PARTNERS ADMINISTRATIVE REVIEW	N/A N/A N/A ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160277 ELE-COM	7/13/2016 7/13/2016	CALIFORNIA HOTWOOD INC. COMMERCIAL ELECTRICAL	1608 MURDOCK ROAD ELE-COM - COMMERCIAL ELECTR	PURSOLAR OWNER	COMMERCIAL ELECTRICAL 800.00	ELE-COM 75.00

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 7/01/2016 THRU 7/31/2016 USE SEGMENT DATES

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STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160278 B/RW	0/00/0000 7/13/2016	INDUSTRIAL LAND MANAGEMENT BLOCK OR RETAINING WALL	1611 REEVES ARESA ROAD	IRONHORSE OWNER	BLOCK/RETAINING WALL 8,200.00	B/RW 379.93
20160279 EC	7/15/2016 7/13/2016	KAT INVESTMENTS LLC ZONING CLEARANCE	3763 MOCKINGBIRD LANE	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD RES ACC 2,200.00	85.00
20160280 E-ADMIN	0/00/0000 7/14/2016	ACV FSD VERDE LLC ADMINISTRATIVE REVIEW	452 FINNIE FLAT ROAD A	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160281 E-ADMIN	7/18/2016 7/14/2016	CARIOCA CO ADMINISTRATIVE REVIEW	N/A N/A	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160282 E-ADMIN	7/18/2016 7/14/2016	ACV FSD VERDE LLC ADMINISTRATIVE REVIEW	452 FINNIE FLAT ROAD A3	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160283 SOLAR	0/00/0000 7/28/2016	SOLAR ONE ENERGY GROUP LLC SOLAR INSTALLATION	1982 CENTRAL LANE	277662 OWNER	SOLAR INSTALLATION 20,000.00	SOLAR 608.11
20160284 E-ADMIN	7/18/2016 7/14/2016	TORMAN, RANDY ADMINISTRATIVE REVIEW	3900 CHERRY CREEK RD	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160285 04-RES ACC	7/25/2016 7/25/2016	PANIAGUA, ALVARADO EFRAIN RESIDENTIAL ACCESSORY	2467 PRIVATE DRIVE	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD RES ACC 9,000.00	797.71
20160286 E-ADMIN	7/18/2016 7/18/2016	LNN ENTERPRISES INC ADMINISTRATIVE REVIEW	N/A N/A	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160287 04-RES ACC	7/18/2016 7/18/2016	FARR, FLOYD & JUDI RESIDENTIAL ACCESSORY	1971 E HARDY LADE	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD RES ACC 1,300.00	171.46
20160289 DEMO-RES	7/18/2016 7/18/2016	KAT INVESTMENTS LLC RESIDENTIAL DEMOLITION	2730 ZACHARY LANE	RCHOMES&DE OWNER	RESIDENTIAL DEMOLITION 1,000.00	DEMO-RES 75.00
20160290 E-ADMIN	0/00/0000 7/20/2016	ACV FSD VERDE LLC ADMINISTRATIVE REVIEW	552 FINNIE FLAT RD	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160291 E-ADMIN	0/00/0000 7/20/2016	BEDOLLA, JOSE P & SILVIA ADMINISTRATIVE REVIEW	641 1ST STREET	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	E-ADMIN 200.00
20160293 DEMO-COM	7/21/2016 7/21/2016	KELLER, JASON COMMERCIAL DEMOLITION	460 FINNIE FLAT ROAD	SIGNS928 OWNER	COMMERCIAL DEMOLITION 3,500.00	DEMO-COM 75.00
20160294 DEMO-RES	7/21/2016 7/21/2016	ROBINSON PETER REVOCABLE LI RESIDENTIAL DEMOLITION	4440 MIDDLE VERDE ROAD	OWNER OWNER	RESIDENTIAL DEMOLITION 2,000.00	DEMO-RES 125.00
20160300 ELE-RES	7/25/2016 7/25/2016	WEISE, CHRISTY RESIDENTIAL ELECTRICAL	3770 TUMBLEWEED DRIVL	OWNER OWNER	RESIDENTIAL ELECTRICAL 200.00	ELE-RES 75.00

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 6/01/2016 THRU 6/30/2016 USE SEGMENT DATES

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160162 SIGN-POLE	5/04/2016 6/01/2016	MCDONALDS CORPORATION SIGN - POLE	1703 STATE ROUTE 260 SIGN-POLE - POLE SIGN	SIGN-A-RAM OWNER	POLE SIGN 15,000.00	SIGN 642.48
20160205 Z-ADMIN	5/20/2016 6/13/2016	WONG, DAMIEN ADMINISTRATIVE REVIEW	348 MAIN ST 9A ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE RVIEW 0.00	Z-ADMIN 200.00
20160207 ROOF-RES	5/26/2016 6/08/2016	ABART, DOUGLAS DMU - RESIDENTIAL ROOF	3920 TUMBLEWEED ROOF-RLS - RESIDENTIAL ROOF	OWNER OWNER	RESIDENTIAL ROOF 250.00	ROOF-RES 124.60
20160213 MH	6/07/2016 6/07/2016	COX, LINDA L RFS - MANUFACTURED HOME	3197 CLINTON LANE MH - MANUFACTURED HOME	RCHOMES&DE OWNER	MANUFACTURED HOME 43,856.48	MH 600.00
20160221 Z-TEMPUSE	0/00/0000 6/08/2016	SH MANAGEMENT GROUP LLC TEMPORARY USE	803 INDUSTRIAL DRIVE Z-TEMP - TEMPORARY USE PERM	OWNER OWNER	TEMPORARY USE PERMIT 40,000.00	Z-TEMPUSE 150.00
20160222 11-NEW COM	6/08/2016 6/03/2016	TOWN OF CAMP VERDE COMMERCIAL BUILDING	473 MAIN ST B - BUSINESS	OWNER OWNER	NEW COMMERCIAL 5,000.00	11-NEW COM 0.00
20160223 01-NEW RES	0/00/0000 6/03/2016	BYLER HOMES LLC RESIDENTIAL SINGLE FAMILY	4350 CANYON DRIVE R-3 - RESIDENTIAL ONE/TWO F	BYLERHOMES BYLERHOMES	NEW RESIDENTIAL 120,000.00	01-NEW RES 2,106.73
20160224 ELE-RES	6/07/2016 6/07/2016	COX, LINDA L RESIDENTIAL ELECTRICAL	3197 CLINTON LANE ELE-RES - RESIDENTIAL ELECT	RCHOMES&DE OWNER	RESIDENTIAL ELECTRICAL 0.00	ELE-RES 0.00
20160225 MH	6/16/2016 6/08/2016	CARLSON, PENNY RES - MANUFACTURED HOME	3161 LOST RIVER DRIVE MH - MANUFACTURED HOME	UNITSETS OWNER	MANUFACTURED HOME 35,000.00	MH 525.00
20160226 06-RESREP	0/00/0000 6/08/2016	DAVIS, B. J. RESIDENTIAL REPAIR	393 GRIPPEN LN W 06-RESREP - RESIDENTIAL REP	OWNER OWNER	RESIDENTIAL REPAIR 27,560.00	06-RESREP 695.22
20160227 ZC	6/09/2016 6/08/2016	WEISE, CHRISTY ZONING CLEARANCE	3770 TUMBLEWEED DRIVE	OWNER OWNER	ZONING CLEARANCE 4,500.00	ZC 85.00
20160228 04-RES ACC	6/29/2016 6/08/2016	KANE, CHRISTOPHER RESIDENTIAL ACCESSORY	2053 RUSTLER TRAIL RES - RESIDENTIAL ACCESSORY	STEEL SYST OWNER	RESIDENTIAL ACCESSORY BULD 25,000.00	RES ACC 762.73
20160229 ELE-COM	6/08/2016 6/08/2016	GREEN, GEORGE COMMERCIAL ELECTRICAL	1488 HORSESHOE BEND DRIVE ELE-COM - COMMERCIAL ELECTR	RELIABLEEL OWNER	COMMERCIAL ELECTRICAL 6,000.00	ELE-COM 75.00
20160230 ZC	6/13/2016 6/09/2016	ALSTON, EIMER R & TANA ZONING CLEARANCE	25 BEREFORD DRIVE	OWNER OWNER	ZONING CLEARANCE 850.00	ZC 85.00
20160231 02-RES ADD	6/16/2016 6/13/2016	GLOVER, RICHARD RESIDENTIAL ADDITION	2425 BEECH BLVD 02-RESADD - RESIDENTIAL ADD	DESERTDEV OWNER	RESIDENTIAL ADDITION 6,000.00	02-RES ADD 206.16
20160232 SOLAR	6/20/2016 6/22/2016	KING, JAMES M & LOUIS SOLAR INSTALLATION	643 HITCHING POST DRIVE SOLAR - SOLAR INSTALLATION	SOLARCITY OWNER	SOLAR INSTALLATION 15,038.75	SOLAR 512.41

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 6/01/2016 THRU 6/30/2016 USE SEGMENT DATES

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160233 DEMO-RES	5/14/2016 6/14/2016	LIZOTTE MICHAEL REVOCABLE F RESIDENTIAL DEMOLITION	3775 TUMBLEWEED DRIVE DEMO-RES - RESIDENTIAL DEMO	OWNER OWNER	RESIDENTIAL DEMOLITION 1,800.00	DEMO-RES 75.00
20160234 SOLAR	6/20/2016 6/23/2016	SARKESIAN, STEVEN E & SHEL SOLAR INSTALLATION	307 PARADE GROUND CIRCLE SOLAR - SOLAR INSTALLATION	SOLARONE OWNER	SOLAR INSTALLATION 21,000.00	SOLAR 632.03
20160235 SOLAR	6/20/2016 6/21/2016	SCHMID, DAVID M & MELAN SOLAR INSTALLATION	2485 GLENROSE DRIVE SOLAR - SOLAR INSTALLATION	SOLARONE OWNER	SOLAR INSTALLATION 19,000.00	SOLAR 584.18
20160236 GRADING	0/00/0000 6/14/2016	HARRISCH, DEAN & PRAYERI GRADING	4020 CHERRY ROAD GRADING - GRADING	OWNER OWNER	GRADING 20,000.00	GRADING 125.00
20160237 MH	6/21/2016 6/16/2016	KAT INVESTMENTS LLC RES - MANUFACTURED HOME	3375 STEVENS ROAD MH - MANUFACTURED HOME	RCHOMES&DE OWNER	MANUFACTURED HOME 20,000.00	MH 525.00
20160238 ELE-RES	6/16/2016 6/16/2016	KAT INVESTMENTS LLC RESIDENTIAL ELECTRICAL	3375 STEVENS ROAD ELE-RES - RESIDENTIAL ELECT	RCHOMES&DE OWNER	RESIDENTIAL ELECTRICAL 2,600.00	ELE-RES 75.00
20160241 11-NEW COM	0/00/0000 6/20/2016	GH MANAGEMENT GROUP LLC COMMERCIAL BUILDING	603 INDUSTRIAL DRIVE B - BUSINESS	OWNER OWNER	00 40,000.00	11-NEW COM 2,573.21
20160242 Z-ADMIN	0/00/0000 6/20/2016	WONG, DAMIEN ADMINISTRATIVE REVIEW	258 MAIN STREET 17 ADM'N - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160243 13-COM REM	0/00/0000 6/21/2016	TOWN OF CAMP VERDE COMMERCIAL ALTER/REMODEL	473 MAIN STRFET COMREM - COMMERCIAL REMODEL	OWNER OWNER	COMMERCIAL REMODEL 200,000.00	13-COM REM 0.00
20160244 Z-ADMIN	0/00/0000 5/22/2016	VERDE VALLEY CENTER LLC ADMINISTRATIVE REVIEW	1620 STATE ROUTE 260 B-2 ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160245 13-COM REM	0/00/0000 6/22/2016	SHOSTER FOUNDATION LTD JACK COMMERCIAL ALTER/REMODEL	1879 CIMARRON DRIVE COMREM - COMMERCIAL REMODEL	WEST-WARDE OWNER	COMMERCIAL REMODEL 195,000.00	13-COM REM 3,430.62
20160246 03-RES REM	6/30/2016 6/27/2016	FRANK, JAMES RESIDENTIAL ALTER/REMODEL	790 SIX GUN DRIVE 03-RESREM - RESIDENTIAL REM	OWNER OWNER	RESIDENTIAL REMODEL 500.00	03-RES REM 39.60
20160247 MECH-RES	6/28/2016 6/28/2016	ALCOZE, THOMAS & SALLY RES - MECHANICAL	4380 BIG VALLEY DRIVE MECH-RES - RESIDENTIAL MECH	VERDESOL-A OWNER	RESIDENTIAL MECHANICAL 8,945.00	MECH-RES 75.00
20160248 PLB-RES	6/29/2016 6/29/2016	LOPEZ, OSCAR RES - PLUMBING	1840 MONTEZUMA HEIGHTS PLB-RES - RESIDENTIAL PLUMB	SUREBUILD OWNER	RESIDENTIAL PLUMBING 500.00	PLB-RES 75.00
20160249 Z-ADMIN	0/00/0000 6/29/2016	CAMP VERDE VALLEY VIEW LLC ADMINISTRATIVE REVIEW	122 ARNOLD STREET A ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160250 FENCE	7/07/2016 6/30/2016	HAYES, GARY L & LINNEA FENCE	1835 BROCCO DRIVE FENCE - FENCE	ALL ABOUT OWNER	FENCE 2,950.00	FENCE 50.00

PROJECTS: All

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 5/01/2016 THRU 5/31/2016 USE SEGMENT DATES

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20150321 MH	10/29/2015 5/16/2016	BROOKS, LONNIE RES - MANUFACTURED HOME	4125 CLEAR CREEK MH - MANUFACTURED HOME	UNITSETS OWNER	MANUFACTURED HOME 20,000.00	MH 550.00
201601-1 SIGN-MONU	4/26/2016 5/05/2016	CALVARY CHAPEL OF CAMP VERDE SIGN - MONUMENT	514 MAIN STREET SIGN-MONU - MONUMENT SIGN	OWNER OWNER	MONUMENT SIGN 150.00	SIGN 50.00
20160163 SOLAR	6/12/2016 5/01/2016	OLSON, ELLEN SOLAR INSTALLATION	955 BUFFALO TRAIL SOLAR - SOLAR INSTALLATION	OWNER OWNER	SOLAR INSTALLATION 13,000.00	SOLAR 1,142.55
20160162 SOLAR	4/29/2016 5/16/2016	TAYLOR, JOHN THOMAS SOLAR INSTALLATION	765 BUTLER LANE SOLAR - SOLAR INSTALLATION	FORSOLAR OWNER	SOLAR INSTALLATION 53,200.00	SOLAR 1,249.48
20160183 DEMO-RES	5/02/2016 5/02/2016	FISHWILLER, MARK RESIDENTIAL DEMOLITION	1010 BUFFALO TRAIL DEMO-RES - RESIDENTIAL DEMO	HOLLAMON OWNER	RESIDENTIAL DEMOLITION 4,000.00	DEMO-RES 75.00
20160184 SOLAR	5/02/2016 5/19/2016	DAHARSH, CHRISTOPHER SOLAR INSTALLATION	30 RANCE ST. SOLAR - SOLAR INSTALLATION	OWNER OWNER	SOLAR INSTALLATION 14,000.00	SOLAR 429.56
20160185 ROOF-COM	5/03/2016 5/12/2016	EFIC MANAGEMENT GROUP, LLC DNU - COMMERCIAL ROOF	628 MAIN STREET ROOF-COM - COMMERCIAL ROOF	HALES ROOF OWNER	COMMERCIAL ROOF 36,000.00	ROOF-COM 1,740.24
20160186 Z-ADMIN	5/11/2016 5/03/2016	MCDONALD SURVIVORS TRUST ADMINISTRATIVE REVIEW	2775 VERDE LAKES DR ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160187 SOLAR	5/03/2016 5/11/2016	SEIPPEL, PETER SOLAR INSTALLATION	1146 VAIL RD SOLAR - SOLAR INSTALLATION	SOLARCITY OWNER	SOLAR INSTALLATION 26,468.20	SOLAR 762.71
20160190 Z-ADMIN	5/13/2016 5/09/2016	JETHIC CAMP VERDE LTD PARTNERSHIP ADMINISTRATIVE REVIEW	300 CLIFF PARKWAY ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160191 ELE-RES	5/09/2016 5/09/2016	BROMADA, WILLIAM RESIDENTIAL ELECTRICAL	3130 DINKY CREEK DRIVE ELE-RES - RESIDENTIAL ELECT	OWNER OWNER	RESIDENTIAL ELECTRICAL 400.00	ELE-RES 75.00
20160192 Z-ADMIN	0/00/0000 5/10/2016	KAT INVESTMENTS LLC ADMINISTRATIVE REVIEW	434 INDUSTRIAL DRIVE ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160193 01-NEW RES	5/09/2016 5/09/2016	GOMEZ, CANDIS O RESIDENTIAL SINGLE FAMILY	1180 RANCHO RD R-3 - RESIDENTIAL ONE/TWO F	OWNER OWNER	NEW RESIDENTIAL 50,000.00	01-NEW RES 1,289.98
20160194 DEMO-COM	5/10/2016 5/10/2016	THE TOWN OF CAMP VERDE COMMERCIAL DEMOLITION	435 MAIN ST DEMO-COM - COMMERCIAL DEMOL	SPRAYSYSTEMS OWNER	COMMERCIAL DEMOLITION 16,300.00	DEMO-COM 0.00
20160195 ELE-COM	5/10/2016 5/10/2016	THE TOWN OF CAMP VERDE COMMERCIAL ELECTRICAL	646 1ST STREET ELE-COM - COMMERCIAL ELECTR	OWNER OWNER	COMMERCIAL ELECTRICAL 450.00	ELE-COM 75.00
20160196 ELE-COM	5/11/2016 5/11/2016	CAMPO VERDE PROPERTIES LLC COMMERCIAL ELECTRICAL	4692 OLD HWY 279 ELE-COM - COMMERCIAL ELECTR	OWNER OWNER	COMMERCIAL ELECTRICAL 500.00	ELE-COM 75.00

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 5/01/2016 THRU 5/31/2016 USE SEGMENT DATES

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160197 2C	0/00/0000 5/21/2016	GANIS, JUSTIN ZONING CLEARANCE	3256 MOCKINGBIRD TRAIL	OWNER OWNER	ZONING CLEARANCE 4,900.00	2C 85.00
20160198 04-RES ACC	5/12/2016 5/12/2016	LAWRENCE, BERNELL RESIDENTIAL ACCESSORY	2110 SQUAN PEAK RD RES - RESIDENTIAL ACCESSORY	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD 2,500.00	RES ACC 236.88
20160199 DEMO-RES	5/12/2016 5/12/2016	BUFFALO RUN PHP RESIDENTIAL DEMOLITION	2223 ARENA DEL LOM. 71 DEMO-RES - RESIDENTIAL DEMO	OWNER OWNER	RESIDENTIAL DEMOLITION 0.00	DEMO-RES 75.00
20160201 11-NEW COM	5/27/2016 5/13/2016	BRLS PROPERTIES 1 LLC COMMERCIAL BUILDING	2751 STATE ROUTE 260 B - BUSINESS	JS WALTZ C OWNER	COMMERCIAL ACCESSORY STRUCT 50,000.00	11-NEW COM 3,140.67
20160202 SOLAR	5/16/2016 5/20/2016	HEBL, MATTHEW SOLAR INSTALLATION	512 HIGHLINE LANE SOLAR - SOLAR INSTALLATION	RECSOLARIN OWNER	SOLAR INSTALLATION 12,184.70	SOLAR 440.63
20160203 04-RES ACC	6/06/2016 5/16/2016	TLI FAMILY LIVING TRUST RESIDENTIAL ACCESSORY	462 HEREFORD DRIVE RES - RESIDENTIAL ACCESSORY	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD 2,500.00	RES ACC 236.38
20160208 ELE-COM	5/23/2016 5/23/2016	TOWN OF CAMP VERDE COMMERCIAL ELECTRICAL	473 MAIN STREET ELE-COM - COMMERCIAL ELECTR	PURSOLAR OWNER	COMMERCIAL ELECTRICAL 1,000.00	ELE-COM 0.00
20160211 DEMO-RES	5/24/2016 5/24/2016	RADDELL, GENE RESIDENTIAL DEMOLITION	2685 THOMAS PAINE BLVD DEMO-RES - RESIDENTIAL DEMO	RCHOMESIDE OWNER	RESIDENTIAL DEMOLITION 5,500.00	DEMO-RES 75.00
20160215 01-NEW RES	5/24/2016 5/24/2016	SMITH, HARRY RESIDENTIAL SINGLE FAMILY	516 HITCHING POST R-3 - RESIDENTIAL ONE/TWO F	OWNER OWNER	NEW RESIDENTIAL 220,000.00	01-NEW RES 3,896.73
20160216 ELE-RES	5/25/2016 5/25/2016	FISHER, SUZAN RESIDENTIAL ELECTRICAL	888 SALT MINE ROAD ELE-RES - RESIDENTIAL ELECT	OWNER OWNER	RESIDENTIAL ELECTRICAL 1,000.00	ELE-RES 75.00
20160217 DEMO-RES	5/27/2016 5/27/2016	WEISE, CHRISTY RESIDENTIAL DEMOLITION	3770 TUMBLEWEED DRIVE DEMO-RES - RESIDENTIAL DEMO	OWNER OWNER	RESIDENTIAL DEMOLITION 150.00	DEMO-RES 75.00
20160219 B/RW	0/00/0000 5/31/2016	BRLS PROPERTIES LLC BLOCK OR RETAINING WALL	2051 STATE ROUTE 260 BLOCK - BLOCK/RETAINING WAL	JS WALTZ C OWNER	BLOCK/RETAINING WALL 200,000.00	B/RW 3,237.90
20160219 16-COMREP	5/16/2016 5/16/2016	THE TOWN OF CAMP VERDE COMMERCIAL REPAIR	435 MAIN ST 16-COMREP - COMMERCIAL REPA	SPRAYSYSTE OWNER	COMMERCIAL REPAIR 16,000.00	16-COMREP 0.00
*** TOTALS ***		NUMBER OF PROJECTS: 29		VALUATION:	779,902.90	FEE: 18,248.73

From Carol Germ

BELOW IS THE INFORMATION CONCERNING SOLAR PERMITTING COSTS

Hi Carol,

Per our earlier conversation, here's a snapshot of other jurisdiction's solar fees:

Cottonwood.....\$44

Clarkdale.....\$50

Sedona.....\$75

Yavapai County...\$155

Camp Verde.....\$500 to \$800

Camp Verde averages 3X more than the next most expensive permit and it's the only Jurisdiction that requires the solar permit be approved by the Fire Marshall. This causes a constant re-occurrence of rejected permits that go from us, to our Permit Pusher, to Camp Verde, to the Fire Marshall, and often rejected by the Fire Marshall, back to Camp Verde, back to the Permit Pusher, and back to us. This on several occasions has delayed our construction for weeks.

If I can be clear on something, this process has never altered or changed our original plan, but rather caused unnecessary delays and increased costs for us and our customers.

Because the equipment and installation techniques are virtually identical on every job, several AHJ's (including Yavapai County) have implemented an expedited solar permit process. We just submit the 3 line electrical drawing, site plan, equipment specs, and they return the permit within 3 days.

We enjoy the people & working in Camp Verde, but if anything could be done to address these issues, it would much appreciated!

Thanks Carol!

Additional information
item # 13 from Carol German

I think the issue is basically because the town assesses the permit price on the system's valuation rather than its (The Towns) incurred cost.

I just pulled a random 6 Camp Verde permits we've paid for:

1.\$596
2.\$508
3.\$1,043
4.\$553
5.\$584
6.\$595

Please understand this is just the permit fee, not the hours of paying someone for multiple return trips for corrections from Camp Verde and/or the Fire Marshall. When we figure this additional cost it's not uncommon for us to incur \$1K+ just to obtain our solar permit from Camp Verde.

Per ARS 9-468, section B..." *A fee or charge shall not exceed the actual cost of issuing a permit*

If Camp Verde would adopt a reasonable flat fee for solar which covers its incurred cost, I think everyone would be happy.

Hi Carol,

Just paid for another Camp Verde permit. This was a really basic system, same as all the others we do:

REFERENCE	QTY.	DESCRIPTION	PRICE EA	AMOUNT
	1	Camp Verde Roof Mounted 7.7 KW PV system		608.11

Solar City is one of the League of Cities and Towns sponsors. At the conference I asked if they could send me some random solar permit fees from other cities and towns. Below is what was received from Solar City. Unfortunately, the names of the cities were not listed with the fees. However, it does show that many of those are approximately what Yavapai County and neighboring cities in the Verde Valley have as solar permit fees.

350
150
50
50
350
250
300
200
150
50
100
300

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 7/31/2016 THRU 7/31/2016 USE SEGMENT DATES

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

STATDS: ALL

PROJECT SEGMENT	ISSUE DRCE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160240 Z-FINPLAT	0/00/0000 7/13/2016	SIMONTON RANCH 18 LLC FINAL PLAT	NONE FINPLAT - FINAL PLAT	OWNER OWNER	FINAL PLAT 0.00	Z-FINELAT 2,170.00
20160252 ZC	0/00/0000 7/05/2016	ANDERSON REVOCABLE LIVING T ZONING CLEARANCE	386 SILVER BUGLE DRIVE	OWNER OWNER	ZONING CLEARANCE 2,000.00	ZC 85.00
20160254 SOLAR	7/12/2016 7/07/2016	MITCHELL, BARBARA L SOLAR INSTALLATION	2110 VIA LINDA W SOLAR - SOLAR INSTALLATION	RECSOLARIN OWNER	SOLAR INSTALLATION 16,845.40	SOLAR 486.33
20160255 Z-ADMIN	0/00/0000 7/07/2016	WILSON, TIMOTHY E & CHR ADMINISTRATIVE REVIEW	2695 VERDE WEST DRIVE ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160256 04-RES ACC	7/25/2016 7/07/2016	BDNJ VERDE LLC RESIDENTIAL ACCESSORY	836 STATE ROUTE 260 RES - RESIDENTIAL ACCESSORY	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD RES ACC 45,000.00	RES ACC 2,244.43
20160257 FENCE	0/00/0000 7/08/2016	WEAVER, JORDY FENCE	1895 QUARTERHORSE LAWE FENCE - FENCE	OWNER OWNER	FENCE 100.00	FENCE 50.00
20160258 FENCE	0/00/0000 7/08/2016	KAT INVESTMENTS LLC FENCE	2720 ZACHARY LANE FENCE - FENCE	RCHOMES&DE OWNER	FENCE 1,750.00	FENCE 50.00
20160259 SIGN-WALL	7/13/2016 7/11/2016	VERDE VALLEY CENTER LLC SIGN - WALL	1620 STATE ROUTE 260 B1 SIGN-WALL - WALL SIGN	OWNER OWNER	WALL SIGN 0.00	SIGN 40.00
20160260 DEMO-COM	7/11/2016 7/11/2016	HUALAPAI COMMERCIAL DEMOLITION	1602 STATE ROUTE 260 DEMO-COM - COMMERCIAL DEMOL	OWNER OWNER	COMMERCIAL DEMOLITION 0.00	DEMO-COM 150.00
20160261 Z-ADMIN	0/00/0000 7/11/2016	GH MANAGEMENT GROUP LLC ADMINISTRATIVE REVIEW	803 INDUSTRIAL DRIVE ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160262 Z-ADMIN	0/00/0000 7/11/2016	WONG, DAMIEN ADMINISTRATIVE REVIEW	340 MAIN STREET 16 ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160273 02-RES ADD	0/00/0000 7/12/2016	EUNYAN, BELVA RESIDENTIAL ADDITION	437 AZURE PLACE 02-RESADD - RESIDENTIAL ADD	STANLEYSIE OWNER	RESIDENTIAL ADDITION 4,500.00	02-RES ADD 284.23
20160274 MECH-COM	7/12/2016 7/12/2016	TOWN OF CAME VERDE COM- MECHANICAL	473 MAIN ST MECH-COM - COMMERCIAL MECHA	CHRISCONNE OWNER	COMMERCIAL MECHANICAL 0.00	MECH-COM 0.00
20160275 MECH-RES	7/12/2016 7/12/2016	KAT INVESTMENTS LLC RES - MECHANICAL	3763 MOCKINGBIRD LANE MECH-RES - RESIDENTIAL MECH	BEBSON COM OWNER	RESIDENTIAL MECHANICAL 3,000.00	MECH-RES 75.00
20160276 Z-ADMIN	0/00/0000 7/13/2016	VERDE VALLEY PARTNERS ADMINISTRATIVE REVIEW	N/A N/A N/A ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160277 ELE-COM	7/13/2016 7/13/2016	CALIFORNIA HOTWOOD INC. COMMERCIAL ELECTRICAL	1608 MURDOCK ROAD ELE-COM - COMMERCIAL ELECTR	PURSOLAR OWNER	COMMERCIAL ELECTRICAL 800.00	ELE-COM 75.00

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 7/01/2016 THRU 7/31/2016 USE SEGMENT DATES

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STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160278 B/RW	0/00/0000 7/13/2016	INDUSTRIAL LAND MANAGEMENT BLOCK OR RETAINING WALL	1611 REEVES ARENA ROAD BLOCK - BLOCK/RETAINING WAL	IRONHORSEW OWNER	BLOCK/RETAINING WALL 8,200.00	B/RW 379.93
20160279 EC	7/15/2016 7/13/2016	KAT INVESTMENTS LLC ZONING CLEARANCE	3763 MOCKINGBIRD LANE	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD RES ACC 1,200.00	85.00
20160280 B-ADMIN	0/00/0000 7/14/2016	ACV FSD VERDE LLC ADMINISTRATIVE REVIEW	452 FINNIE FLAT ROAD A ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160281 Z-ADMIN	7/18/2016 7/14/2016	CARIOCA CO ADMINISTRATIVE REVIEW	N/A N/A ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160282 Z-ADMIN	7/18/2016 7/14/2016	ACV FSD VERDE LLC ADMINISTRATIVE REVIEW	452 FINNIE FLAT ROAD A3 ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160283 SOLAR	0/00/0000 7/28/2016	SOLAR ONE ENERGY GROUP LLC SOLAR INSTALLATION	1982 CENTRAL LANE SOLAR - SOLAR INSTALLATION	277662 OWNER	SOLAR INSTALLATION 20,000.00	SOLAR 608.11
20160284 Z-ADMIN	7/18/2016 7/14/2016	TORMAN, RANDY ADMINISTRATIVE REVIEW	3900 CHERRY CREEK RD ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160285 04-RES ACC	7/25/2016 7/25/2016	PANIAGUA, ALVARADO EFRAIN RESIDENTIAL ACCESSORY	2467 PRIVATE DRIVE RES - RESIDENTIAL ACCESSORY	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD RES ACC 9,000.00	797.71
20160286 Z-ADMIN	7/18/2016 7/18/2016	LNN ENTERPRISES INC ADMINISTRATIVE REVIEW	E/A N/A ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160287 04-RES ACC	7/18/2016 7/18/2016	FARR, FLOYD & JUDI RESIDENTIAL ACCESSORY	1971 E HARDY LANE RES - RESIDENTIAL ACCESSORY	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD RES ACC 1,300.00	171.46
20160289 DEMO-RES	7/18/2016 7/18/2016	KAT INVESTMENTS LLC RESIDENTIAL DEMOLITION	2730 ZACHARY LANE DEMO-RES - RESIDENTIAL DEMO	RCHOMES&DE OWNER	RESIDENTIAL DEMOLITION 1,000.00	DEMO-RES 75.00
20160290 Z-ADMIN	0/00/0000 7/20/2016	ACV FSD VERDE LLC ADMINISTRATIVE REVIEW	552 FINNIE FLAT RD ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160291 Z-ADMIN	0/00/0000 7/20/2016	BEDOLLA, JOSE R & SILVIA ADMINISTRATIVE REVIEW	641 1ST STREET ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160293 DEMO-COM	7/21/2016 7/21/2016	KELLER, JASON COMMERCIAL DEMOLITION	460 FINNIE FLAT ROAD DEMO-COM - COMMERCIAL DEMOL	STONS928 OWNER	COMMERCIAL DEMOLITION 3,500.00	DEMO-COM 75.00
20160294 DEMO-RES	7/21/2016 7/21/2016	ROBINSON PETER REVOCABLE LI RESIDENTIAL DEMOLITION	4440 MIDDLE VERDE ROAD DEMO-RES - RESIDENTIAL DEMO	OWNER OWNER	RESIDENTIAL DEMOLITION 2,000.00	DEMO-RES 125.00
20160300 ELE-RES	7/25/2016 7/25/2016	WEISE, CHRISTY RESIDENTIAL ELECTRICAL	3770 TUMBLEWEED DRIVE ELE-RES - RESIDENTIAL ELECT	OWNER OWNER	RESIDENTIAL ELECTRICAL 200.00	ELE-RES 75.00

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 6/01/2016 THRU 6/30/2016 USE SEGMENT DATES

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160162 SIGN-POLE	5/04/2016 6/01/2016	MCDONALDS CORPORATION SIGN - POLE	1703 STATE ROUTE 260 SIGN-POLE - POLE SIGN	SIGN-A-RAM OWNER	POLE SIGN 15,000.00	SIGN 642.48
20160205 Z-ADMIN	5/20/2016 6/13/2016	WONG, DEMIEN ADMINISTRATIVE REVIEW	348 MAIN ST 9A ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160207 ROOF-RES	5/26/2016 6/08/2016	ABART, DOUGLAS DMU - RESIDENTIAL ROOF	3920 TUMBLEWEED ROOF-RLS - RESIDENTIAL ROOF	OWNER OWNER	RESIDENTIAL ROOF 250.00	ROOF-RES 124.60
20160213 MH	6/07/2016 6/07/2016	COX, LINDA L RFS - MANUFACTURED HOME	3197 CLINTON LANE MH - MANUFACTURED HOME	RCHOMES&DE OWNER	MANUFACTURED HOME 43,856.48	MH 600.00
20160221 Z-TEMPUSE	0/00/0000 5/08/2016	GH MANAGEMENT GROUP LLC TEMPORARY USE	803 INDUSTRIAL DRIVE Z-TEMP - TEMPORARY USE PERM	OWNER OWNER	TEMPORARY USE PERMIT 40,000.00	Z-TEMPUSE 150.00
20160222 11-NEW COM	6/08/2016 6/03/2016	TOWN OF CAMP VERDE COMMERCIAL BUILDING	473 MAIN ST B - BUSINESS	OWNER OWNER	NEW COMMERCIAL 5,000.00	11-NEW COM 0.00
20160223 01-NEW RES	0/00/0000 6/03/2016	BYLER HOMES LLC RESIDENTIAL SINGLE FAMILY	4350 CANYON DRIVE R-3 - RESIDENTIAL ONE/TWO F	BYLERHOMES BYLERHOMES	NEW RESIDENTIAL 120,000.00	01-NEW RES 2,106.73
20160224 ELE-RES	6/07/2016 6/07/2016	COX, LINDA L RESIDENTIAL ELECTRICAL	3197 CLINTON LANE ELE-RES - RESIDENTIAL ELECT	RCHOMES&DE OWNER	RESIDENTIAL ELECTRICAL 0.00	ELE-RES 0.00
20160225 MH	6/16/2016 6/08/2016	CARLSON, PENNY RES - MANUFACTURED HOME	3161 LOST RIVER DRIVE MH - MANUFACTURED HOME	UNITSETS OWNER	MANUFACTURED HOME 35,000.00	MH 525.00
20160226 06-RESREP	0/00/0000 6/08/2016	DAVIS, B. J. RESIDENTIAL REPAIR	393 GRIPPEN LN W 06-RESREP - RESIDENTIAL REP	OWNER OWNER	RESIDENTIAL REPAIR 27,560.00	06-RESREP 695.22
20160227 ZC	6/09/2016 6/08/2016	WEISE, CHRISTY ZONING CLEARANCE	3770 TUMBLEWEED DRIVE OWNER	OWNER OWNER	ZONING CLEARANCE 4,500.00	ZC 85.00
20160228 04-RES ACC	6/29/2016 6/08/2016	KANE, CHRISTOPHER RESIDENTIAL ACCESSORY	2059 RUSTLER TRAIL RES - RESIDENTIAL ACCESSORY	STEEL SYST OWNER	RESIDENTIAL ACCESSORY BUILD 25,000.00	RES ACC 762.73
20160229 ELE-COM	6/08/2016 6/08/2016	GREEN, GEORGE COMMERCIAL ELECTRICAL	1488 HORSESHOE BEND DRIVE ELE-COM - COMMERCIAL ELECTR	RELIABLEEL OWNER	COMMERCIAL ELECTRICAL 6,000.00	ELE-COM 75.00
20160230 ZC	6/13/2016 6/09/2016	ALSTON, EIMER R & TANA ZONING CLEARANCE	25 HEREFORD DRIVE OWNER	OWNER OWNER	ZONING CLEARANCE 850.00	ZC 85.00
20160231 02-RES ADD	6/16/2016 6/13/2016	GLOVER, RICHARD RESIDENTIAL ADDITION	2425 BRECH BLVD 02-RESADD - RESIDENTIAL ADD	DESERTDTV OWNER	RESIDENTIAL ADDITION 6,000.00	02-RES ADD 305.16
20160232 SOLAR	6/20/2016 6/22/2016	KING, JAMES M & LOUIS SOLAR INSTALLATION	643 HITCHING POST DRIVE SOLAR - SOLAR INSTALLATION	SOLARCITY OWNER	SOLAR INSTALLATION 15,038.75	SOLAR 512.41

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 6/01/2016 THRU 6/30/2016 USE SEGMENT DATES

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STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DT	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160233 DEMO-RES	6/14/2016 6/14/2016	LIZOTTE MICHAEL REVOCABLE P RESIDENTIAL DEMOLITION	3775 TUMBLEWEED DRIVE DEMO-RES - RESIDENTIAL DEMO	OWNER OWNER	RESIDENTIAL DEMOLITION 1,800.00	DEMO-RES 75.00
20160234 SOLAR	6/20/2016 6/23/2016	SARKESYAN, STEVEN E & SHEL SOLAR INSTALLATION	307 PARADE GROUND CIRCLE SOLAR - SOLAR INSTALLATION	SOLARONE OWNER	SOLAR INSTALLATION 21,000.00	SOLAR 632.03
20160235 SOLAR	6/20/2016 6/21/2016	SCHEID, DAVID M & MELAN SOLAR INSTALLATION	2485 GLENROSE DRIVE SOLAR - SOLAR INSTALLATION	SOLARONE OWNER	SOLAR INSTALLATION 19,600.00	SOLAR 584.18
20160236 GRADING	0/00/0000 6/14/2016	HARRISON, DEAN & PRAYERI GRADING	4020 CHERRY ROAD GRADING - GRADING	OWNER OWNER	GRADING 20,000.00	GRADING 125.00
20160237 MH	6/21/2016 6/16/2016	KAT INVESTMENTS LLC RES - MANUFACTURED HOME	3375 STEVENS ROAD MH - MANUFACTURED HOME	RCHOMES&DE OWNER	MANUFACTURED HOME 20,000.00	MH 525.00
20160239 ELE-RES	5/16/2016 6/16/2016	KAT INVESTMENTS LLC RESIDENTIAL ELECTRICAL	3375 STEVENS ROAD ELE-RES - RESIDENTIAL ELECT	RCHOMES&DE OWNER	RESIDENTIAL ELECTRICAL 2,600.00	ELE-RES 75.00
20160241 11-NEW COM	0/00/0000 6/20/2016	GH MANAGEMENT GROUP LLC COMMERCIAL BUILDING	603 INDUSTRIAL DRIVE B - BUSINESS	OWNER OWNER	00 40,000.00	11-NEW COM 2,573.21
20160242 Z-ADMIN	0/00/0000 6/20/2016	WONG, DAMIEN ADMINISTRATIVE REVIEW	258 MAIN STREET 17 ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160243 13-COM REM	0/00/0000 6/21/2016	TOWN OF CAMP VERDE COMMERCIAL ALTER/REMODEL	473 MAIN STREET COMREM - COMMERCIAL REMODEL	OWNER OWNER	COMMERCIAL REMODEL 200,000.00	13-COM REM 0.00
20160244 Z-ADMIN	0/00/0000 6/22/2016	VERDE VALLEY CENTER LLC ADMINISTRATIVE REVIEW	1620 STATE ROUTE 260 B-2 ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160245 13-COM REM	0/00/0000 6/22/2016	SHUSTER FOUNDATION LTD JACK COMMERCIAL ALTER/REMODEL	1879 CIMARRON DRIVE COMREM - COMMERCIAL REMODEL	WEST-WARDE OWNER	COMMERCIAL REMODEL 195,000.00	13-COM REM 3,430.62
20160246 03-RES REM	6/30/2016 6/27/2016	FRANK, JAMES RESIDENTIAL ALTER/REMODEL	790 SIX GUN DRIVE 03-RESREM - RESIDENTIAL REM	OWNER OWNER	RESIDENTIAL REMODEL 500.00	03-RES REM 39.60
20160247 MECH-RES	6/28/2016 6/28/2016	ALCOZE, THOMAS & SALLY RES - MECHANICAL	4380 BIG VALLEY DRIVE MECH-RES - RESIDENTIAL MECH	VERDESOL-A OWNER	RESIDENTIAL MECHANICAL 6,945.00	MECH-RES 75.00
20160248 PLB-RES	6/29/2016 6/29/2016	LOPEZ, OSCAR RES - PLUMBING	1840 MONTEVISTA HEIGHTS PLB-RES - RESIDENTIAL PLUMB	SUREBUILD OWNER	RESIDENTIAL PLUMBING 500.00	PLB-RES 75.00
20160249 Z-ADMIN	0/00/0000 6/29/2016	CAMP VERDE VALLEY VIEW LLC ADMINISTRATIVE REVIEW	122 ARNOLD STREET A ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160250 FENCE	7/07/2016 6/30/2016	BAYES, GARY I & LINNEA FENCE	1835 BROCKO DRIVE FENCE - FENCE	ALL ABOUT OWNER	FENCE 2,950.00	FENCE 50.00

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 5/01/2016 THRU 5/31/2016 USE SEGMENT DATES

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT DATE	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20150321 MH	10/29/2015 5/16/2016	BROOKS, LOENIE RES - MANUFACTURED HOME	4125 CLEAR CREEK MH - MANUFACTURED HOME	UNITSETS OWNER	MANUFACTURED HOME 20,000.00	MH 550.00
20160141 SIGN-MONU	4/26/2016 5/05/2016	CALVARY CHAPEL OF CAMP VERDE SIGN - MONUMENT	514 MAIN STREET SIGN-MONU - MONUMENT SIGN	OWNER OWNER	MONUMENT SIGN 150.00	SIGN 50.00
20160163 SOLAR	4/12/2016 5/01/2016	OLSON, ELLEN SCLAR INSTALLATION	955 BUFFALO TRAIL SOLAR - SOLAR INSTALLATION	OWNER OWNER	SOLAR INSTALLATION 43,000.00	SOLAR 1,142.55
20160162 SOLAR	4/29/2016 5/16/2016	TAYLOR, JOHN THOMAS SOLAR INSTALLATION	765 BETLER LANE SOLAR - SOLAR INSTALLATION	FURSOLAR OWNER	SOLAR INSTALLATION 53,200.00	SOLAR 1,249.48
20160183 DEMO-RES	5/02/2016 5/02/2016	FISHWILLER, MARK RESIDENTIAL DEMOLITION	1040 BUFFALO TRAIL DEMO-RES - RESIDENTIAL DEMO	HOLLAMON OWNER	RESIDENTIAL DEMOLITION 4,000.00	DEMO-RES 75.00
20160184 SOLAR	5/02/2016 5/19/2016	DAHARSH, CHRISTOPHER SOLAR INSTALLATION	30 HANCE ST. SOLAR - SOLAR INSTALLATION	OWNER OWNER	SOLAR INSTALLATION 14,000.00	SOLAR 409.56
20160185 ROOF-COM	5/03/2016 5/12/2016	EPIC MANAGEMENT GROUP, LLC DMU - COMMERCIAL ROOF	628 MAIN STREET ROOF-COM - COMMERCIAL ROOF	HALES ROOF OWNER	COMMERCIAL ROOF 36,000.00	ROOF-COM 1,740.24
20160186 Z-ADMIN	5/11/2016 5/03/2016	MCDONALD SURVIVORS TRUST ADMINISTRATIVE REVIEW	2775 VERDE LAKES DR ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160187 SOLAR	5/03/2016 5/11/2016	SEIFFEL, PETER SOLAR INSTALLATION	1146 VAIL RD SOLAR - SOLAR INSTALLATION	SOLARCITY OWNER	SOLAR INSTALLATION 26,468.20	SOLAR 762.71
20160190 Z-ADMIN	5/13/2016 5/09/2016	LEHTIC CAMP VERDE LTD PTNSHP ADMINISTRATIVE REVIEW	300 CLIFF PARKWAY ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160191 ELE-RES	5/09/2016 5/09/2016	HROMADA, WILLIAM RESIDENTIAL ELECTRICAL	3130 DINKY CREEK DRIVE ELE-RES - RESIDENTIAL ELECT	OWNER OWNER	RESIDENTIAL ELECTRICAL 400.00	ELE-RES 75.00
20160192 Z-ADMIN	0/00/0000 5/10/2016	KAT INVESTMENTS LLC ADMINISTRATIVE REVIEW	434 INDUSTRIAL DRIVE ADMIN - ADMINISTRATIVE REVI	OWNER OWNER	ADMINISTRATIVE REVIEW 0.00	Z-ADMIN 200.00
20160193 01-NEW RES	5/09/2016 5/09/2016	GOMEZ, CANDIS O RESIDENTIAL SINGLE FAMILY	1180 RANCHO RD R-3 - RESIDENTIAL ONE/TWO F	OWNER OWNER	NEW RESIDENTIAL 50,000.00	01-NEW RES 1,289.98
20160194 DEMO-COM	5/10/2016 5/10/2016	THE TOWN OF CAMP VERDE COMMERCIAL DEMOLITION	435 MAIN ST DEMO-COM - COMMERCIAL DEMOL	SPRAYSYSTE OWNER	COMMERCIAL DEMOLITION 16,300.00	DEMO-COM 0.00
20160195 ELE-COM	5/10/2016 5/10/2016	THE TOWN OF CAMP VERDE COMMERCIAL ELECTRICAL	646 1ST STREET ELE-COM - COMMERCIAL ELECTR	OWNER OWNER	COMMERCIAL ELECTRICAL 450.00	ELE-COM 75.00
20160196 ELE-COM	5/11/2016 5/11/2016	CAMPO VERDE PROPERTIES LLC COMMERCIAL ELECTRICAL	4692 OLD HWY 279 ELE-COM - COMMERCIAL ELECTR	OWNER OWNER	COMMERCIAL ELECTRICAL 500.00	ELE-COM 75.00

PROJECTS: ALL

APPLIED DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 5/01/2016 THRU 5/31/2016 USE SEGMENT DATES

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

STATUS: ALL

PROJECT SEGMENT	ISSUE DATE SEGMENT D.	NAME DESCRIPTION	LOCATION BUILDING CODE	CONTRACTOR SEG. CONT.	DESCRIPTION VALUATION	PROJ TYPE FEE
20160197 ZC	0/00/0000 5/11/2016	GANIS, JUSTIN ZONING CLEARANCE	3256 HOCKINGBIRD TRAIL	OWNER OWNER	ZONING CLEARANCE 4,900.00	ZC 85.00
20160198 04-RES ACC	5/12/2016 5/12/2016	LAWRENCE, BERNELL RESIDENTIAL ACCESSORY	2110 SQUAW PEAK RD RES - RESIDENTIAL ACCESSORY	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD 2,500.00	RES ACC 236.88
20160199 DEMO-RES	5/12/2016 5/12/2016	BUFFALO RUN BHP RESIDENTIAL DEMOLITION	2223 ARENA DEL LOM. 71 DEMO-RES - RESIDENTIAL DEMO	OWNER OWNER	RESIDENTIAL DEMOLITION 0.00	DEMO-RES 75.00
20160201 11-NEW COM	5/27/2016 5/13/2016	BRLS PROPERTIES 1 LLC COMMERCIAL BUILDING	2051 STATE ROUTE 260 B - BUSINESS	JS WALTZ C OWNER	COMMERCIAL ACCESSORY STRUCT 50,000.00	11-NEW COM 3,140.67
20160202 SOLAR	5/16/2016 5/20/2016	HEBL, MATHEW SOLAR INSTALLATION	512 HIGHLINE LANE SOLAR - SOLAR INSTALLATION	RECSOLARIN OWNER	SOLAR INSTALLATION 12,184.70	SOLAR 440.63
20160203 04-RES ACC	6/06/2016 5/16/2016	TLH FAMILY LIVING TRUST RESIDENTIAL ACCESSORY	462 HEREFORD DRIVE RES - RESIDENTIAL ACCESSORY	OWNER OWNER	RESIDENTIAL ACCESSORY BUILD 2,500.00	RES ACC 236.38
20160208 ELE-COM	5/23/2016 5/23/2016	TOWN OF CAMP VERDE COMMERCIAL ELECTRICAL	473 MAIN STREET ELE-COM - COMMERCIAL ELECTR	PURSOLAR OWNER	COMMERCIAL ELECTRICAL 1,000.00	ELE-COM 0.00
20160211 DEMO-RES	5/24/2016 5/24/2016	WADDELL, GENE RESIDENTIAL DEMOLITION	2685 THOMAS PRINE BLVD DEMO-RES - RESIDENTIAL DEMO	RCHOMESIDE OWNER	RESIDENTIAL DEMOLITION 5,500.00	DEMO-RES 75.00
20160215 01-NEW RES	5/24/2016 5/24/2016	SMITH, HARRY RESIDENTIAL SINGLE FAMILY	516 HITCHING POST R-3 - RESIDENTIAL ONE/TWO F	OWNER OWNER	NEW RESIDENTIAL 220,000.00	01-NEW RES 3,096.73
20160216 ELE-RES	5/25/2016 5/25/2016	FISHER, SUZAN RESIDENTIAL ELECTRICAL	888 SALT MINE ROAD ELE-RES - RESIDENTIAL ELECT	OWNER OWNER	RESIDENTIAL ELECTRICAL 1,000.00	ELE-RES 75.00
20160217 DEMO-RES	5/27/2016 5/27/2016	WEISE, CHRISTY RESIDENTIAL DEMOLITION	3770 TUMBLEWEED DRIVE DEMO-RES - RESIDENTIAL DEMO	OWNER OWNER	RESIDENTIAL DEMOLITION 150.00	DEMO-RES 75.00
20160219 B/RW	0/00/0000 5/31/2016	BRLS PROPERTIES LLC BLOCK OR RETAINING WALL	2051 STATE ROUTE 260 BLOCK - BLOCK/RETAINING WAL	JS WALTZ C OWNER	BLOCK/RETAINING WALL 200,000.00	B/RW 3,237.92
20160219 16-COMREP	5/16/2016 5/16/2016	THE TOWN OF CAMP VERDE COMMERCIAL REPAIR	435 MAIN ST 16-COMREP - COMMERCIAL REPA	SPRAYSYSTE OWNER	COMMERCIAL REPAIR 16,000.00	16-COMREP 0.00
*** TOTALS ***		NUMBER OF PROJECTS: 29		VALUATION:	779,902.90	FEE: 18,248.73

9.7.2016 #13

from Robert Foreman

solon permits

JUNE JULY AUGUST

	6-8	6-14	5	
	6-14	6-17	4	
	6-14	6-17	4	
	6-14	6-17	4	
	7-7	7-12	4	BUSINESS
10 solon	8-8	8-10	3	Days
	8-16	8-30	11	FROM RECEIVING
	8-25	8-30	4	to ISSUE
	8-26	8-30	3	LAST 3 MONTHS
	8-30	9-2	4	
			<u>46</u>	4.6 BUSINESS DAYS

	5-2	5-5	4	
	5-3	5-5	3	
	5-3	5-9	5	
10	5-5	5-10	4	
	5-9	5-16	6	
	5-9	5-16	6	
	5-16	5-17	2	
	5-19	5-25	5	
	5-23	5-26	4	
	5-23	5-25	3	
			<u>42</u>	4.2 BUSINESS DAYS

From Carl Germ

Below is the requested agenda by the Verde Valley Board Advisory committee to Yavapai College District Governing Board. The request was for a 15 minute segment in the September 13, 2016 meeting to discuss these items . YC Board meeting is open to the public and will be held at the Verde campus M 137 at 1 pm.

1. Whereas the VVBAC has had discussions regarding a suggestion to the DGB that an Independent Consultant be hired to study the feasibility of a separate administrative college for the Verde Valley, and

Whereas the VVBAC has as one of its stated values to 'establish effective and efficient' local decision-making through a Verde Valley Advocate structure, and

Whereas, VVBAC discussions and community feedback support the importance of administrators and faculty with ties to the Verde Valley, and

Whereas, having domicile within the Verde Valley provides greater connection to the community and region, and

Whereas, the DGB addressed these issues at its March 2016 meeting, prior to a decision by the VVBAC to give advice on this issue.

Therefore the VVBAC wishes to be on record as in favor of the motion at the DGB's March 2016 made by board member Filardo and seconded by board member McCasland. to:

Hire an Independent Consultant to look at the following:

a) The viability of an administrative college

b) the possibility of having a person in-charge of the campus in the Verde Valley at Yavapai College who is from the Verde Valley, and

c) Last, but not least, the merit of continuing on the College's current path as the administration modifies its operations and reacts to feedback from the communities in the Verde Valley.

2. The VVBAC requests the DGB to meet with our committee to review and discuss the Verde Valley responses that we have collected to the DGB questionnaire.

3. The VVBAC requests to he Board to direct the college to allow the heads of both Marketing and Recruitment to meet our committee so that the VVBAC can learn of their plans and then use that information to help in providing advice to the DGB on these very important subjects

4. The VVBAC advises the DGB to direct the college, when hiring administrative positions for the Verde Valley, that persons who domicile in the Verde Valley be given preference. (subject to any applicable federal and state discrimination laws).