

CITY OF ST.GEORGE Energy Services Department (SGESD)	Renewable Net Metering Program Appendix ESD-APX-001-1	<u>Document No.</u> ESD-APX-001-1	<u>Revision No.</u> 1.0	<u>Review Cycle</u> Annually
		<u>Effective Date</u> 10/15/2005	<u>Review Date</u> 02/18/2016	<u>Creation Date</u> 10/15/2005
<u>References</u> Renewable Net Metering, Solar PV			<u>Reviewer</u> R Fleming	<u>Owner</u>

REVISION HISTORY				
City of St. George Energy Services Department RENEWABLE NET METERING PROGRAM APPENDIX ESD-APX-001-1 DOCUMENT NO. ESD-APX-001-1				
Revision No.	Effective Date	Description	Reviewer	Approved By
			R Fleming	
		Signature:		
		Date:		
0.0	6/3/2015	Document created.	R Fleming	City Council
1.0	2/18/2016	Correction made to the SRC calculation example	R Fleming	
2.0	4/14/2016	Change made to the time the fees are paid.	R Fleming	

Appendix 1

If, in a given monthly billing period, a Customer supplies more electricity to the electric distribution system than SGESD delivers to the Customer, the City will credit the customer for the excess by reducing the Customer's bill for the next monthly billing period.

If a Customer has a kWh credit in the December billing cycle, the City will issue a credit to the Customer account for the kWh credit at the Renewable Power Rate Available. As of July 1, 2015 that rate is \$.04019 per kWh.

Renewable Power Rate Available

As of April 2015, the current average price of energy delivered for our renewables is \$.04019/kWh.

The renewable power rate was calculated from the weighted average cost of power from the hydro facilities from which SGESD receives energy. Additionally, the rate includes the cost of transmission and for scheduling and reserves.

Weighted Average Cost of Renewable Power/kWh	\$.03308
Current Transmission/kWh	\$.00544
Current Scheduling and Reserves Rate/kWh	\$.00167
Renewable Power Rate	\$.04019

The renewable power rate will be reviewed and adjusted as needed.

A Solar Reliability Charge (SRC) will be applied to a Customer's energy bill monthly based on the inverter's continuous AC name plate rated kW capacity of the solar PV system installed. This charge reflects the cost of SGESD to provide full service to meet the full demand of net metered customers. The Solar Reliability Charge is calculated by dividing the total operational expenses by the total kWh purchased to determine the per kWh cost. The operational per kWh cost will be reviewed and adjusted as needed.

A minimum SRC will be charged for solar installations less than 4 kW.

A \$5.00 credit for systems 4 kW or more will be credited monthly to offset the customer base charge, recognizing the solar PV generation is a local renewable energy source and service other City of St. George utility customers.

For example, a 4 kW continuous nameplate rated system times 158 (estimated generation per month) equals the total kWh solar generation for a month.

kWh solar generation times kWh operational cost less the \$5 recognition credit equals the SRC.

$$4 * 158 \text{ kWh} = 632 \text{ kWh}$$
$$632 * \$0.0219 - \$5.00 = \$8.61 \text{ SRC}$$

For example the Solar Reliability Charge as of July 1, 2015 is listed below:

kW Size	SRC
One kW	\$ 2.25
Two kW	\$ 2.25
Three kW	\$ 2.25
Four kW	\$ 8.61
Five kW	\$12.07
Six kW	\$15.52
Seven kW	\$18.98
Eight kW	\$22.43
Nine kW	\$25.89
Ten kW	\$29.34

Customer will be responsible to pay all fees at the time the building permit is issued. Fees include the cost for review of the application, verification of install and the cost of the meter.

Level 1	
First Review, One site visit for Utility Verification, processing of Net Meter Agreement	\$245
Bi-Directional Meter Upgrade	\$315
Additional Reviews – Billed per Policy 10.87	

Level 2	
First Review, One site visit for Utility Verification, processing of Net Meter Agreement	\$245
Bi-Directional Meter 3 Phase Meter Upgrade	\$415
Additional Reviews – Billed per Policy 10.87	
Cost of any required studies – Estimate to be provided to customer prior to beginning the study	Billed per estimate

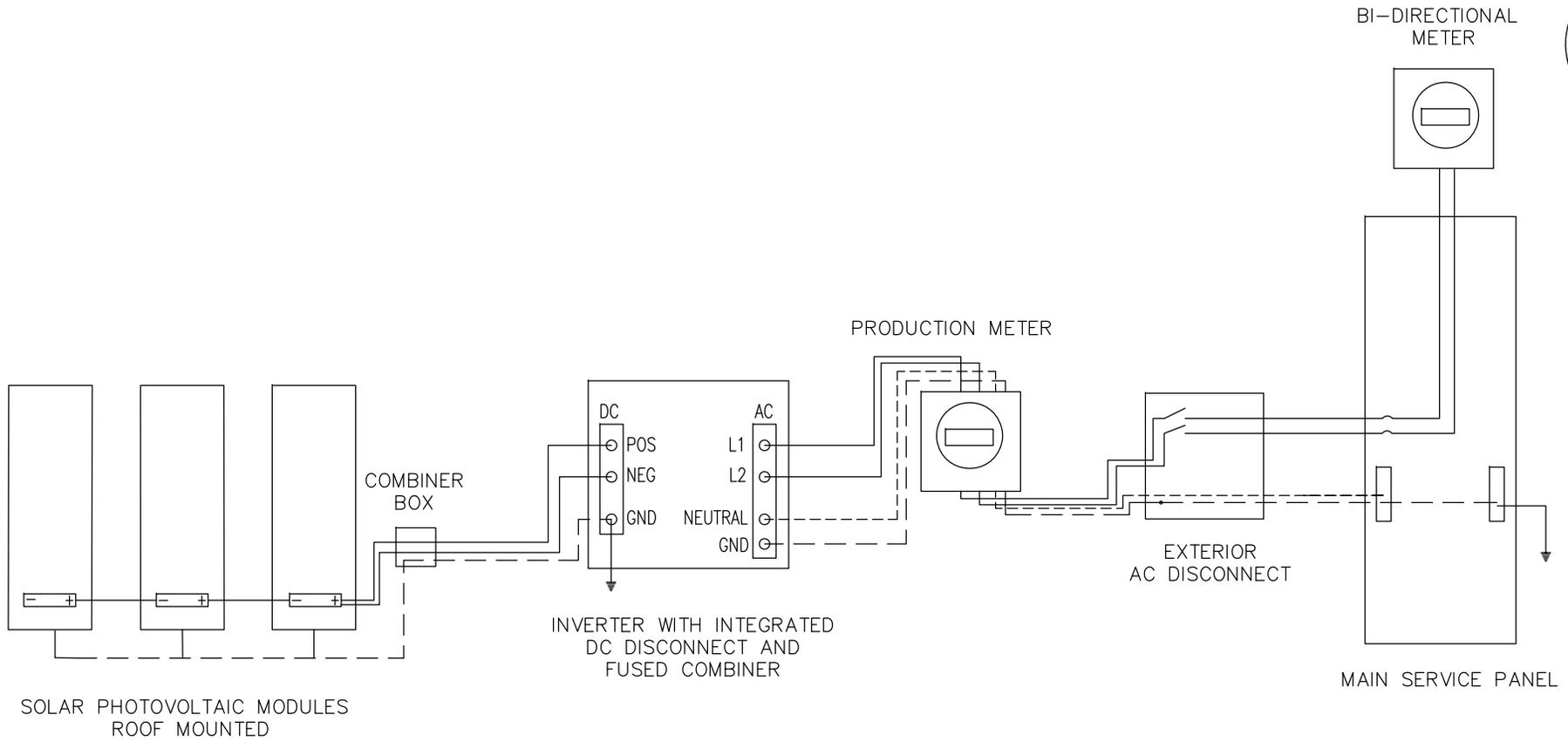
The above fees are collected at the time the application is submitted to the SGESD.

Fees for additional services such as multiple reviews or verifications will be billed to the customer after the renewable net metered system is in service.

Fees for studies deemed necessary in this policy will be in compliance with SGESD billing rates set in Policy 10.87.

Some examples of studies that will be conducted at the expense of the customer are:

- Impact Study Fee as proposed in Level 2
- Studies to evaluate proposed interconnection as discussed in Level 2
- Charge for time for additional reviews beyond the first review
- Charge for time for additional Utility Verification beyond the first site visit to verify the system meets the requirements.



DETAIL
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**NET METERING
SCHEMATIC DRAWING**
CITY OF ST. GEORGE
ENERGY SERVICES DEPARTMENT

APPROVED BY: NAME
DRAWN BY: NAME
DATE: DATE
FILE: FILE

REVISIONS:	BY	DESCRIPTION