The credit for investing in renewable energy property serving a
single-family dwelling is not taken in installments but is taken in the
tax year the renewable energy property is placed in service. For all
other property, the credit is taken in five equal installments beginning
with the tax year the property is placed in service. Any unused
portion of either credit may be carried forward for five succeeding
years. Important. You can not claim the credit for investing in
renewable energy property if you claimed any other credit
allowed in Chapter 105 of the North Carolina revenue laws with
respect to the same property.

The following instructions for completing Part 1 through Part 4
of NC-478G apply to individuals, S corporations claiming the
credit against franchise tax, and C corporations. Partnerships,
S corporations claiming the credit against income tax, and other
pass-through entities, see the specific instructions for pass-through
entities located after the instructions for Part 5.

**Part 1. Qualifying Information.** (The information requested in
Part 1 is for a single establishment at which renewable energy
property is constructed, purchased, or leased and placed in service
in North Carolina during tax year 2007. If you invested in renewable
energy property at more than one establishment in 2007, complete
a separate NC-478G for each establishment.)

**Type of Renewable Energy Property.** Fill in all applicable circles
related to the type of renewable energy property constructed, purchased,
or leased and placed in service at this establishment during 2007.

**Type of Residence or Purpose Served.** Fill in the applicable circle
related to the type of residence or purpose served at the property
constructed, purchased, or leased and placed in service at this
establishment in 2007.

**Address and County Where Property is Placed in Service.**
Enter the address and county in which an investment in renewable
energy property was made during tax year 2007.

**Part 2. Computation of Credit Amount for Investing in Property
Serving Single-Family Dwelling in 2007.** (The information requested in
Part 2 is for a single establishment at which renewable energy
property is constructed, purchased, or leased and placed in service
in North Carolina during 2007. If you invested in renewable
energy property at more than one establishment in 2007, complete
a separate NC-478G for each establishment.)

**Line 1.** Enter the cost of renewable energy property constructed,
purchased, or leased and placed in service in North Carolina in 2007
for one single-family dwelling.

**Line 2.** Multiply Line 1 by 35%.

**Line 3.** Enter the maximum credit for the applicable type of
renewable energy property constructed, purchased,
or leased and placed in service in 2007 for one single-
family dwelling. For residential property, the maximum
credit is:

- $1,400 for solar energy equipment for domestic water
  heating
- $3,500 for solar energy equipment for active or passive
  heating or combined domestic water heating and space
  heating
- $10,500 for any other renewable energy property

**Part 3. Computation of Credit Amount for Investing in Property
Serving a Nonresidential Purpose or a Multi-Family Building in 2007.** (The information requested in Part 3 is for a single
establishment at which renewable energy property is constructed,
purchased, or leased and placed in service in North Carolina during
2007. If you invested in renewable energy property at more than
one establishment in 2007, complete a separate NC-478G for each
establishment.)

**Line 5.** Enter the cost of renewable energy property constructed,
purchased, or leased and placed in service in North Carolina in 2007
for a nonresidential purpose or a multi-family building.

**Line 6.** Multiply Line 5 by 35%.

**Line 7.** Enter the maximum credit for the applicable type of
renewable energy property constructed, purchased, or
leased and placed in service in 2007 for nonresidential
purposes or a multi-family building. For nonresidential
property, the maximum credit for each type of property is
$2,500,000. For residential property, the maximum credit per
dwelling unit is:

- $1,400 for solar energy equipment for domestic water
  heating
- $3,500 for solar energy equipment for active or passive
  heating or combined domestic water heating and space
  heating
- $10,500 for any other renewable energy property

**Line 8.** Enter the lesser of Line 6 or Line 7. This is the amount of
credit for investing in nonresidential or multi-
family renewable energy property in North Carolina
in 2007. The total credit amount for investing in
nonresidential or multi-family renewable energy property
in 2007 for ALL establishments must also be entered
in the Credit History Table. (See Part 5, 2007 Column,
Credit Amount.)

**Line 9.** Divide Line 8 by the number 5. This is the eligible
installment amount for this establishment to be taken
starting in tax year 2007.

**Part 4. Computation of Amount To Be Taken in 2007.** (The
information requested for Part 4 is a cumulative total for all
establishments and should be entered only once on the last
NC-478G filed.)

**Line 10.** Enter the amount of credit for investing in single-family
renewable property for 2007. (From Part 2, Line 4.)

**Line 11.** Enter the 2007 installment amount for investing in
nonresidential or multi-family renewable energy property.
(From Part 3, Line 9.)

**Line 12.** Enter the 2006 installment amount for investing in
nonresidential or multi-family renewable energy property.
(From 2006 NC-478G, Part 3, Line 9.)

**Line 13.** Enter the 2005 installment amount for investing in
nonresidential or multi-family renewable energy property.
(From 2005 NC-478G, Part 3, Line 9.)
Line 14. Enter the 2004 installment amount for investing in nonresidential or multi-family renewable energy property.  
(From 2004 NC-478G, Part 3, Line 9.)

Line 15. Enter the 2003 installment amount for investing in nonresidential or multi-family renewable energy property.  
(From 2003 NC-478G, Part 3, Line 9.)

Line 16. Enter the portion of credit not taken for tax years 2002 - 2006 or installments not taken for tax years 2000 - 2006.

Line 17. Add Lines 10 through 16. This is the amount of credit to take in 2007 for renewable energy property.  
(Carry amount to Line 7 of NC-478.)

Part 5. Nonresidential or Multi-Family Renewable Energy Property Credit History Table.  
(The information requested for Part 5 is a cumulative total for all establishments and should be entered only once on the last NC-478G filed. The installment portion of Credit History Table can not be completed in its entirety until after completing Part 3 of NC-478.)

Credit Amount  
In the 2007 column, enter the total credit amount for investing in nonresidential or multi-family renewable energy property in 2007.  
(From Part 3, Line 8.) In the 2003 through 2006 columns, enter the total credit amount as calculated on the prior years' NC-478G.

Installments  
In the 2003 through 2007 columns, enter the amount of installment actually taken in each tax year. The amount of installment taken includes the amount of each year's installment utilized during the tax year plus any unused portion of a prior year's carryforward taken in that tax year.  
(For more information on the Credit History Table, see the detailed example.)

Carryforwards Taken  
If any portion of a prior year's installment is taken in tax year 2007, enter the amount in the applicable column.  
(Important. Carryforwards taken do not include the amount of current year's installment taken. Carryforwards taken should only be entered if in 2007 a portion of a prior year's installment is utilized.)

Carryforwards To Take In Future  
If the current year's installment is not fully utilized in tax year 2007, enter the amount not taken as a carryforward to take in the future.  
(Important. Carryforwards to take in the future do not include eligible installments to be taken in future years. Carryforwards to take in the future should only be entered if in 2007 a portion of a current year's installment can not be utilized due to the 50% of tax limitation.)

Expired Installments  
If an installment expires, enter the amount of expired credit in the applicable column. Generally, a credit for investing in renewable energy property expires if the property is disposed of, taken out of service, or moved out of North Carolina prior to the end of the five-year period in which the credit is claimed.  
(For a detailed example on how to calculate the amount of expired installment, see the “Guidelines for Article 3A Tax Credits” available from the Department’s website.)

Pass-through entities.  
S corporations claiming the credit against income tax complete Parts 1 through 3 as one taxpayer, then allocate the amount from Part 2, Line 4 or Part 3, Line 9 among the shareholders. Complete Parts 4 and 5 by including the amounts allocated to those nonresident shareholders on whose behalf a composite return is being filed. On Part 4, Line 16, include only the carryforwards for those nonresident shareholders on whose behalf a composite return is filed in both the prior year and the current year. Partnerships complete Parts 1 through 3 as one taxpayer, then allocate the amount from Part 2, Line 4 or Part 3, Line 9 among the partners. Complete Parts 4 and 5 by including the amounts allocated to those nonresident partners on whose behalf the managing partner pays the tax. On Part 4, Line 16, include only the carryforwards for those nonresident partners on whose behalf the partnership pays tax in both the prior year and the current year. Trusts and estates complete Parts 1 through 3 as one taxpayer, then allocate the amount from Part 2, Line 4 or Part 3, Line 9 among the fiduciary and the beneficiaries. Complete Parts 4 and 5 by including only the amount that is allocated to the fiduciary.