

TAXABLE YEAR	TAXPAYER NAME	ACCOUNT NO./FEIN
--------------	---------------	------------------

Schedule D -- SCHEDULE OF CREDITS

1. Gross Premiums tax credit (cannot exceed Schedule C, Line 8)	(1)	
2. Tennessee Income Tax (cannot exceed Schedule B, Line 5)	(2)	
3. Green Energy Tax Credit from business plans filed prior to July 1, 2015	(3)	
4. Carbon Charge Credit from business plans filed prior to July 1, 2015	(4)	
5. Brownfield Property Credit	(5)	
6. Qualified Headquarters Relocation Expense Credit from business plans filed prior to July 1, 2015	(6)	
7. Industrial Machinery Credit from Schedule T, Line 11	(7)	
8. Jobs Tax Credit from Schedule X, Line 16	(8)	
9. Jobs Tax Credit computed in accordance with Tenn. Code Ann. Section 67-4-2109(b)(2) from Schedule X, Line 21	(9)	
10. Total Credit - Add lines 1 through 9 (Enter here and on Schedule C, Line 9)	(10)	

Schedule E -- SCHEDULE OF PAYMENTS

1. Overpayment from previous year if available	(1)	
2. First quarterly estimated payment	(2)	
3. Second quarterly estimated payment	(3)	
4. Third quarterly estimated payment	(4)	
5. Fourth quarterly estimated payment	(5)	
6. Extension payment	(6)	
7. Total payments - Add lines 1 through 6 (Enter here and on Schedule C, Line 11)	(7)	

COMPUTATION OF FRANCHISE TAX

Schedule F1 -- NON-CONSOLIDATED NET WORTH

1. Net Worth (total assets less total liabilities)	(1)	
2. Indebtedness to or guaranteed by parent or affiliated corporation (cannot be a deduction)	(2)	
3. Total lines 1 and 2	(3)	
4. Ratio (Schedules N, O, P, or R if applicable or 100%)	(4)	%
5. Total - Line 3 multiplied by Line 4 (Enter here and on Schedule A, Line 1)	(5)	

Schedule F2 -- CONSOLIDATED NET WORTH

1. Consolidated Net Worth (total assets less total liabilities)	(1)	
2. Ratio (Schedule 170NC or 170SF)	(2)	%
3. Total - Line 1 multiplied by Line 2 (Enter here and on Schedule A, Line 1)	(3)	

NOTE: Schedule F2 is to be completed only if the consolidated net worth election has been made.

Schedule G - DETERMINATION OF REAL AND TANGIBLE PROPERTY

BOOK VALUE OF PROPERTY OWNED - Cost less accumulated depreciation			In Tennessee
1. Land	(1)		
2. Buildings, leaseholds, and improvements	(2)		
3. Machinery, equipment, furniture, and fixtures	(3)		
4. Automobiles and trucks	(4)		
5. Prepaid supplies and other tangible personal property	(5)		
6. Share of entity treated as a partnership real and tangible property, provided that the entity does not file a return ...	(6)		
7. Inventories and work in progress	(7)		
a. Deduct value of exempt inventory in excess of \$30 million (Tenn. Code Ann. Section 67-4-2108(a)(6)(B)) . (7a)			()
8. a. Deduct value of certified pollution control equipment (include copy of certificate (Tenn. Code Ann. Section 67-5-604)) and			
b. Equipment used to produce electricity at a Certified Green Energy Production Facility	(8)		()
9. Deduct exempt required capital investments (Tenn. Code Ann. Section 67-4-2108(a)(6)(G))	(9)		()
10. SUBTOTAL - Add lines 1 through 7, less Line 7a through Line 9	(10)		
RENTAL VALUE OF PROPERTY USED BUT NOT OWNED			(C)
Net Annual Rental Paid for:	(A)	(B)	
	In Tennessee		
11. Real property		x8	(11)
12. Machinery & equipment used in manufacturing & processing ...		x3	(12)
13. Furniture, office machinery, and equipment		x2	(13)
14. Delivery or mobile equipment		x1	(14)
15. TENNESSEE TOTAL - Add lines 10-14 (Enter total here and on Schedule A, Line 2)			(15)

TAXABLE YEAR	TAXPAYER NAME	ACCOUNT NO./FEIN
--------------	---------------	------------------

Schedule H -- GROSS RECEIPTS

1. Gross receipts or sales per federal income tax return (1)

COMPUTATION OF EXCISE TAX

Schedule J-1 -- COMPUTATION OF NET EARNINGS FOR ENTITIES TREATED AS PARTNERSHIPS

1. Ordinary Income or Loss from Federal Form 1065, Line 22 (1)

Additions:

- 2. Additional income items specifically allocated to partners, including guaranteed payments to partners (Fed 1065 - Sch K) (2)
- 3. Any net loss or expense received from a "pass-through" entity subject to the excise tax, or any net loss or expense distributed to a publicly traded REIT (3)
- 4. Total - Add lines 1, 2, and 3 (4)

Deductions:

- 5. Additional expense items specifically allocated to partners not deducted elsewhere (Fed 1065 -Sch K) (5)
- 6. Amount subject to self-employment taxes distributable or paid to each partner or member net of any "pass-through" expense deducted elsewhere on this return (if negative, enter zero) (include on Schedule K, Line 3) (6)
- 7. Amount of contribution to qualified pension or benefit plans of any partner or member, including all IRC 401 plans (include on Schedule K, Line 3) (7)
- 8. Any net gain or income received from a "pass-through" entity subject to the excise tax, or any net gain or income distributed to a publicly traded REIT (8)
- 9. Total deductions - Add lines 5 through 8 (9)
- 10. Total - Line 4 less Line 9 (Enter here and on Schedule J, Line 1) (10)

Schedule J-2 -- COMPUTATION OF NET EARNINGS FOR A SINGLE MEMBER LLC FILING AS AN INDIVIDUAL

Additions:

- 1. Business Income from Form 1040, Schedule C (1)
- 2. Business Income from Form 1040, Schedule D (2)
- 3. Business Income from Form 1040, Schedule E (3)
- 4. Business Income from Form 1040, Schedule F (4)
- 5. Business Income from Form 4797 (5)
- 6. Other: Form _____, Schedule _____ (6)
- 7. Any net loss or expense received from a "pass-through" entity subject to the excise tax (7)
- 8. Total - Add lines 1 through 7 (8)

Deductions:

- 9. Amount subject to self-employment taxes distributable or paid to the single member (if negative, enter zero)(include on Schedule K, Line 3) (9)
- 10. Any net gain or income received from a "pass-through" entity subject to the excise tax (10)
- 11. Total deductions - Add lines 9 and 10 (11)
- 12. Total - Line 8 less Line 11 (Enter here and on Schedule J, Line 1) (12)

Schedule J-3 -- COMPUTATION OF NET EARNINGS FOR ENTITIES TREATED AS SUBCHAPTER S CORPORATIONS

1. Ordinary Income or Loss from Federal Form 1120S, Line 21 (1)

Additions:

- 2. Income items to extent includable in federal income were it not for "S" status election (Fed 1120S - Schedule K) (2)
- 3. Any net loss or expense received from a "pass-through" entity subject to the excise tax (3)
- 4. Total - Add lines 1, 2 and 3 (4)

Deductions:

- 5. Expense items to extent includable in federal expenses were it not for "S" status election (Fed 1120S - Schedule K) .. (5)
- 6. Any net gain or income received from a "pass-through" entity subject to the excise tax (6)
- 7. Total deductions - Add lines 5 and 6 (7)
- 8. Total - Line 4 less Line 7 (Enter here and on Schedule J, Line 1) (8)

Schedule J-4 -- COMPUTATION OF NET EARNINGS FOR ENTITIES TREATED AS CORPORATIONS AND "OTHER" ENTITIES

1. Federal Form 1120 - Line 28 (Taxable income or loss before net operating loss deduction and special deductions) (1)

2. Federal Form 990-T, Line 30 (unrelated business taxable income) (2)

3. Other: Form _____, Schedule _____ (3)

Additions:

4. Any net loss or expense received from a "pass-through" entity subject to the excise tax (4)

Deductions:

- 5. Any net gain or income received from a "pass-through" entity subject to the excise tax (5)
- 6. Total - Lines 1 through 4 less Line 5 (Enter here and on Schedule J, Line 1) (6)

TAXABLE YEAR	TAXPAYER NAME	ACCOUNT NO./FEIN
--------------	---------------	------------------

Schedule J - COMPUTATION OF NET EARNINGS SUBJECT TO EXCISE TAX

1. Federal income or loss (Enter amount from Schedule J-1, J-2, J-3, or J-4)	(1)	
ADDITIONS:		
2. Intangible Expenses paid, accrued, or incurred to an affiliated business entity or entities deducted for federal income tax purposes	(2)	
3. Any depreciation under the provisions of IRC Section 168 not permitted for excise tax purposes due to Tennessee permanently decoupling from federal bonus depreciation	(3)	
4. Any deduction for domestic production activities under the provisions of IRC Section 199	(4)	
5. Any gain on the sale of an asset sold within 12 months after the date of distribution to a nontaxable entity	(5)	
6. Tennessee excise tax expense (to the extent reported for federal purposes)	(6)	
7. Gross premiums tax deducted in determining federal income and used as an excise tax credit	(7)	
8. Interest income on obligations of states and their political subdivisions, less allowable amortization	(8)	
9. Depletion not based on actual recovery of cost	(9)	
10. Contribution carryover from prior period(s)	(10)	
11. Capital gains offset by capital loss carryover or carryback	(11)	
12. Excess fair market value over book value of property donated	(12)	
13. Excess rent to/from an affiliate. A taxpayer paying excess rent enters a positive amount on this line. A taxpayer receiving excess rent, to the extent added back to net earnings by its affiliate, enters a negative amount on this line.	(13)	
14. Total additions - Add lines 2 through 13	(14)	
DEDUCTIONS:		
15. Any depreciation under the provisions of IRC Section 168 permitted for excise tax purposes due to Tennessee permanently decoupling from federal bonus depreciation	(15)	
16. Any excess gain (or loss) from the basis adjustment resulting from Tennessee permanently decoupling from federal bonus depreciation	(16)	
17. Any loss on the sale of an asset sold within 12 months after the date of distribution	(17)	
18. Dividends received from corporations, at least 80% owned	(18)	
19. Contributions in excess of amount allowed by federal government	(19)	
20. Donations to Qualified Public School Support Groups and nonprofit organizations	(20)	
21. Portion of current year's capital loss not included in federal taxable income	(21)	
22. Any expense other than income taxes, not deducted in determining federal taxable income for which a credit against the federal income tax is allowable	(22)	
23. Adjustments related to the "safe harbor" lease election (see instructions)	(23)	
24. Nonbusiness earnings - Schedule M, Line 8	(24)	
25. Intangible Expenses paid, accrued, or incurred to an affiliated entity or entities. The applicable box must be checked in order to take this deduction (check all that apply):		
<input type="checkbox"/> A) Form IE-N; Attached		
<input type="checkbox"/> B) Form IE-A; Previously Submitted, Approval/Denial Pending		
<input type="checkbox"/> C) Form IE-A; Previously Submitted and Approved	(25)	
26. Intangible income from an affiliated business entity or entities if the corresponding intangible expenses have not been deducted by the affiliate(s) under Tenn. Code Ann. Section 67-4-2006(b)(2)(N)	(26)	
27. Total deductions - Add lines 15 through 26	(27)	
COMPUTATION OF TAXABLE INCOME		
28. Total business income (loss) - Add lines 1 and 14, less Line 27 (if loss, complete Schedule K)	(28)	
29. Apportionment Ratio (Schedules N, O, P, or R if applicable or 100%)	(29)	%
30. Apportioned business income (loss) (Line 28 multiplied by Line 29)	(30)	
31. Add: Nonbusiness earnings directly allocated to Tennessee (from Schedule M, Line 9)	(31)	
32. Deduct: Loss carryover from prior years (from Schedule U)	(32)	
33. Subject to excise tax (6.5%) (Line 30 plus Line 31, less Line 32) (Enter here and on Schedule B, Line 4) ..	(33)	

Schedule K - DETERMINATION OF LOSS CARRYOVER AVAILABLE -See Rule 1320-6-1-.21 of Departmental Rules and Regulations

1. Net loss from Schedule J, Line 28	(1)	
ADD:		
2. Amounts reported on Schedule J, lines 18 and 24	(2)	
3. Amounts reported on Schedule J-1, lines 6 and 7, and Schedule J-2, Line 9	(3)	
4. Reduced loss - Add lines 1 through 3 (if net amount is positive, enter "0")	(4)	
5. Excise Tax ratio (Schedules N, O, P, or R if applicable or 100%)	(5)	%
6. Current year loss carryover available (Line 4 multiplied by Line 5)	(6)	



TENNESSEE DEPARTMENT OF REVENUE
ALLOCATION AND APPORTIONMENT SCHEDULES

SCHEDULES M THROUGH R
(FORM FAE 170)

Table with 3 columns: TAXABLE YEAR, TAXPAYER NAME, ACCOUNT NO./FEIN

IMPORTANT: IF YOU USE THIS FORM, ATTACH IT TO YOUR FRANCHISE, EXCISE TAX RETURN. Allocation and apportionment schedules may be used only by taxpayers doing business outside the state of Tennessee within the meaning of Tenn. Code Ann. Sections 67-4-2010 and 67-4-2110. The burden is upon the taxpayer to show that the taxpayer has the right to apportion.

SCHEDULE M - Schedule of Nonbusiness Earnings

Note - If all earnings are business earnings as defined below, do not complete this schedule. Any nonbusiness earnings, less related expenses, are subject to direct allocation and should be reported in this schedule.

Definitions: "Business Earnings" means (1) earnings arising from transactions and activity in the regular course of the taxpayer's trade or business or (2) earnings from tangible and intangible property if the acquisition, use, management, or disposition of the property constitutes an integral part of the taxpayer's regular trade or business operations. In essence, earnings which arise from the conduct of the trade or trades or business operations of a taxpayer are business earnings, and the taxpayer must show by clear and cogent evidence that particular earnings are classifiable as nonbusiness earnings. A taxpayer may have more than one regular trade or business in determining whether income is business earnings.

"Nonbusiness Earnings" means all earnings other than business earnings.

Table with 5 columns: Description (If further description is necessary see below), Gross Amounts, *Less Related Expenses, Net Amounts, Net Amounts Allocated Directly to Tenn. Rows 1-7 are blank, row 8 is Total nonbusiness earnings, row 9 is Nonbusiness earnings allocated directly.

If necessary, describe source of nonbusiness earnings and explain why such earnings do not constitute business earnings as defined above. Enumerate these items to correspond with items listed above.

*As a general rule, the allowable deductions for expenses of a taxpayer are related to both business and nonbusiness earnings. Such items as administrative costs, taxes, insurance, repairs, maintenance, and depreciation are to be considered. In the absence of evidence to the contrary, it is assumed that the expenses related to nonbusiness rental earnings will be an amount equal to 50 percent of such earnings and that expenses related to other nonbusiness earnings will be an amount equal to 5 percent of such earnings. (See regulation 1320-6-1.23(3))

TAXABLE YEAR	TAXPAYER NAME	ACCOUNT NO./FEIN
--------------	---------------	------------------

APPORTIONMENT SCHEDULES FOR TAXPAYERS DOING BUSINESS OUTSIDE THE STATE OF TENNESSEE

Franchise and excise tax ratios are obtained by using the arithmetical average of the following ratios. If a factor's denominator (everywhere value) is zero, that factor is to be eliminated entirely and the average is to be computed from the remaining factor or factors.

SCHEDULE N - APPORTIONMENT - STANDARD (manufacturers, retailers, wholesalers, etc)				
Property	In Tennessee		Total Everywhere	
NOTE: USE ORIGINAL COST OF ASSETS	a. Beginning of Taxable year	b. End of Taxable year	a. Beginning of Taxable year	b. End of Taxable year
1. Land, buildings, leaseholds, and improvements				
2. Machinery, equipment, furniture, and fixtures				
3. Automobiles and trucks				
4. Inventories and work in progress				
5. Prepaid supplies and other property				
6. Share of partnership property (if partnership is not taxable) ...				
7. Excise tax total (Lines 1 through 6)	a.	b.	a.	b.
8. Less exempt inventory (Tenn. Code Ann. 67-4-2111(b)(1))	()	()	()	()
9. Franchise tax total (Line 7 minus Line 8)	a.	b.	a.	b.
10. Excise tax average value (add Line 7(a) & (b), divide by 2)				
11. Franchise tax average value (add Line 9(a) & (b), divide by 2)				
12. Add: Rented property (rent paid X 8)				
NOTE: Double Weighted Sales Factor	a. In Tennessee	b. Total Everywhere	c. Franchise Ratio	d. Excise Ratio
13. Excise Tax property factor (Line 10 plus Line 12)				%
14. Franchise Tax property factor (Line 11 plus Line 12) ...			%	
15. Payroll factor			%	%
16. Sales factor - (business gross receipts)			%	%
Sales factor - (business gross receipts)			%	%
17. Total Ratios			%	%
18. Apportionment Ratio - Divide Line 17 by four, or by the number of factors with everywhere values greater than zero (Enter Franchise Ratio on Sch. F1, Line 4. Enter Excise Ratio on Sch. J, Line 29)			%	%

SCHEDULE O - APPORTIONMENT - COMMON CARRIERS (railroads, motor carriers, pipelines and barges)			
	In Tennessee	Total Everywhere	Ratio
1. Total franchise mileage (odometer miles)			%
2. Tennessee intrastate receipts - Interstate gross receipts everywhere			%
3. Total Ratios	XXXXX	XXXXX	%
4. Apportionment Ratio - Divide Line 3 by two, or by the number of factors with everywhere values greater than zero (Enter Franchise Ratio on Sch. F1, Line 4, Enter Excise Ratio on Sch. J, Line 29)			%

SCHEDULE P - APPORTIONMENT - AIR CARRIERS			
	In Tennessee	Total Everywhere	Ratio
1. Originating revenue			%
2. Airmiles flown (Include in Tennessee column only airmiles flown on flights either originating from or ending in Tennessee or both)			%
3. Total Ratios	XXXXX	XXXXX	%
4. Apportionment Ratio - Divide Line 3 by two, or by the number of factors with everywhere values greater than zero (Enter Franchise Ratio on Sch. F1, Line 4, Enter Excise Ratio on Sch. J, Line 29)			%

SCHEDULE R - APPORTIONMENT - AIR EXPRESS CARRIERS			
	In Tennessee	Total Everywhere	Ratio
1. Originating revenue			%
2. Airmiles flown and groundmiles traveled (Include in Tennessee column only airmiles flown on flights either originating from or ending in Tennessee or both. Include only groundmiles traveled with respect to actual common carriage of persons or property for hire)			%
3. Total Ratios	XXXXX	XXXXX	%
4. Apportionment Ratio - Divide Line 3 by two, or by the number of factors with everywhere values greater than zero (Enter Franchise Ratio on Sch. F1, Line 4, Enter Excise Ratio on Sch. J, Line 29)			%



**TENNESSEE DEPARTMENT OF REVENUE
INDUSTRIAL MACHINERY AND RESEARCH AND DEVELOPMENT EQUIPMENT TAX CREDIT**

TAXABLE YEAR	TAXPAYER NAME	ACCOUNT NO./FEIN
--------------	---------------	------------------

Franchise and excise taxes may be reduced by a credit on industrial machinery and research and development equipment purchased during the tax period covered by the return and located in Tennessee. The credit is generally computed at 1% of the purchase price of qualified industrial machinery and research and development equipment . The credit taken on any return cannot exceed 50% of the current year's franchise and excise tax liability, but any unused credit may be carried forward 15 years under Tenn. Code Ann. Section 67-4-2009(3).

SCHEDULE T (FORM FAE 170) - INDUSTRIAL MACHINERY AND RESEARCH AND DEVELOPMENT EQUIPMENT

PART 1 TAX CREDIT COMPUTATION

1. Purchase price of industrial machinery and research and development equipment	(1)	
2. Percentage allowed (generally 1%, see note below)	(2)	%
3. Original credit (Line 1 multiplied by Line 2)	(3)	
4. Credit available from prior year(s) (from Schedule V)	(4)	
5. Total credit available (Add Lines 3 and 4).....	(5)	
6. Franchise and Excise Tax liability before any credits (from Schedule A, Line 3 plus Schedule B, Line 5) (6)	(6)	
7. Limitation on credit (50% of line 6)	(7)	
8. Franchise and Excise Tax liability before any credits (from Schedule A, Line 3 plus Schedule B, Line 5) (8)	(8)	
9. Credits from Schedule D, Lines 1 through 6 and Schedule D, Line 9	(9)	
10. Tax before industrial machinery credit (Line 8 less Line 9)	(10)	
11. Amount available in current year (Least of Lines 5, 7, or 10; Enter here and on Schedule D, Line 7) ...	(11)	

PART 2 RECAPTURE OF TAX CREDIT

In the event that any industrial machinery or research and development equipment is sold or removed and credit has been taken against franchise and/or excise taxes, the following formula is to be used to recapture the tax credit taken for each item of machinery. If the credit has not been taken due to the 50% annual limitation, carryover should be adjusted accordingly.

Credit taken on purchase of industrial machinery or research and development equipment X percentage of useful life remaining at time of sale or removal = amount of credit to be recaptured.

Total amount of recapture to be used to increase franchise and excise tax liability (Enter here and on Schedule B, Line 6) \$ _____

Note: The percentage allowed on Part 1, Line 2 above is 1%, unless the taxpayer has met the requirements of Tenn. Code Ann. Section 67-4-2009(3)(l) and has been approved by the Commissioner of Revenue for an enhanced rate based on the investment amount. The statutory minimum investment requirements and applicable rates are shown on the following chart:

Minimum Required Capital Investment	Rate of Credit
\$100,000,000	3%
\$250,000,000	5%
\$500,000,000	7%
\$1,000,000,000	10%

TAXABLE YEAR

TAXPAYER NAME

ACCOUNT NO./FEIN

SCHEDULE U and V - LOSS CARRYOVER/INDUSTRIAL MACHINERY AND RESEARCH AND DEVELOPMENT EQUIPMENT CREDIT CARRYOVER

IMPORTANT INFORMATION APPLICABLE TO LOSS CARRYOVER

1. Net operating losses may be carried forward for up to fifteen (15) years until fully utilized.
2. Tenn. Code Ann. Section 67-4-2006(c)(8) requires that loss carryover be reduced by the Tennessee portion of discharge of indebtedness income excluded from federal gross income under I.R.C. section 108(a) where the bankruptcy discharge occurs on or after October 1, 2013. See Excise Tax Report of Bankruptcy Discharge form and the above referenced code section for more information.

SCHEDULE U - SCHEDULE OF LOSS CARRYOVER

Year	Period Ended (MM/YY)	Original Return or As Amended	Used In Prior Year(s)	Expired	Loss Carryover Available
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Total Amount (Enter here and on Schedule J, Line 32)					

SCHEDULE V - SCHEDULE OF INDUSTRIAL MACHINERY AND RESEARCH AND DEVELOPMENT EQUIPMENT CREDIT CARRYOVER

IMPORTANT INFORMATION APPLICABLE TO INDUSTRIAL MACHINERY AND RESEARCH AND DEVELOPMENT CREDIT CARRYOVER

Unused credit may be carried forward for up to fifteen (15) years.
Reference: Tenn. Code Ann. Section 67-4-2009(3)(c).

Year	Period Ended (MM/YY)	Original Return or As Amended	Used In Prior Year(s)	Expired	Industrial Machinery Credit Carryover Available
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Total Amount (Enter here and on Schedule T, Line 4)					