

EGC PARTICIPATION AGREEMENT GUIDELINES

(December 2007)

GUIDELINE 1 - DEFINITION OF TERMS

As used in these guidelines:

1.1 "Customer" shall mean a customer of Distributor purchasing power under one of the following rate schedules:

- (a) Standard Service Schedules GSA, GSB, GSC, or GSD,
- (b) Time-of-Day Service Schedules TGSA, TGSB, TGSC, or TGSD,
- (c) Standard Manufacturing Service Schedules MSB, MSC, or MSD, or
- (d) Time-of-Day Manufacturing Service Schedules TMSB, TMSC, or TMSD;

except that "Customer" shall not be deemed to include customers taking service under the seasonal service provisions of schedules GSA or TGSA. (All references to a rate schedule in this Guideline 1.1 shall be deemed to refer to that schedule as modified, changed, replaced, or adjusted from time to time in accordance with the provisions of the Power Contract.)

Further, "Customer" shall not be deemed to include customers with a total contract demand of more than 50 MW and with one or more of the following load characteristics (Nonconforming Loads):

- (i) expected load swings of approximately 50 MW or more and ramp rates of approximately 10 MW or more per minute,
- (ii) loads with expected daily reactive power ramp rates of 50 MVAR or more per minute,
- (iii) loads known to create voltage flicker exceeding the limits set out in the Institute of Electrical and Electronics Engineers (IEEE) Standard 1453, or
- (iv) loads known to create harmonic current distortions exceeding the limits set out in IEEE Standard 519;

provided, however, that for purposes of determining eligibility for any Nonconforming Load that is expanding under Guideline 3, if in TVA's sole discretion, the expansion load itself exhibits no Nonconforming Load characteristics (without regard to size), the expansion load could qualify for credits under the Program.

1.2 "Power Supply Contract" shall mean a contract between Distributor and a Customer for the sale of power through a specific delivery point.

1.3 "Participation Agreement" shall mean an agreement entered into between Distributor and a Customer in accordance with Guideline 2 or Guideline 3 below.

1.4 Contract Demand

1.4.1 Standard Service. Under a Power Supply Contract with a Standard Service Schedule, "Contract Demand" shall mean the amount of firm power made available under that contract.

1.4.2 Time-of-Day Service. Under a Power Supply Contract with a Time-of-Day Service Schedule, "Contract Demand" shall mean the amount of firm power made available under that contract during onpeak periods.

1.5 Actual Firm Demand

1.5.1 Standard Service. Under a Power Supply Contract with a Standard Service Schedule, "Actual Firm Demand" shall mean an amount equal to the highest billing demand for firm power in any month computed under the Power Supply Contract but without regard to the exception language (Demand Ratchet) set out in the section headed "Determination of Demand" of that rate schedule.

1.5.2 Time-of-Day Service. Under a Power Supply Contract with a Time-of-Day Service Schedule, "Actual Firm Demand" shall mean an amount equal to the highest onpeak billing demand for firm power in any month computed under the Power Supply Contract but without regard to the exception language (Demand Ratchet) set out in the section headed "Determination of Demand" of that rate schedule.

1.6 "Base Amount" shall mean the highest Actual Firm Demand established at the Customer's delivery point during the 12-consecutive-month period immediately preceding the effective date of the Participation Agreement. (In the event that the necessary demand metering data is not available for any part of such a period, Distributor and TVA will jointly develop a reasonable approximation of the metered demands necessary to determine a particular Base Amount.)

1.7 "Total Metered Demand" shall mean the highest average during any 30-consecutive-minute period beginning or ending on a clock hour of the total load at the Customer's delivery point metered in kW.

1.8 "Total Metered Base Amount" shall mean the highest Total Metered Demand established during the 12-consecutive-month period immediately preceding the effective date of the Participation Agreement.

1.9 "SIC Customer" shall mean a Customer with a Contract Demand of at least 100 kW using power taken under a written Power Supply Contract to conduct activities which are classified with one of the following 2-digit Standard Industrial Classification (SIC) codes:

- Division B: Mining 10 through 14, inclusive
- Division D: Manufacturing 20 through 39, inclusive
- Division E: 40 - Railroad Transportation
42 - Motor Freight Transportation and Warehousing
44 - Water Transportation
45 - Transportation by Air

It is recognized that the above SIC codes have been selected to encourage new and expanded electrical loads in cases where the price of electricity has a particularly significant impact upon location, expansion, or fuel choice decisions. TVA may from time to time, by written notice to Distributor, modify the above listing of SIC codes when it deems it necessary to do so in order to better serve such purpose. In addition, in the event that TVA determines that a particular Customer is within the intended scope of the EGC Program but is excluded only because of the technical definition of an SIC code category, TVA and the Distributor may agree to consider that Customer to be an SIC Customer.

1.10 "All-Electric Customer" shall mean a Customer with a Contract Demand of at least 250 kW using power under a written Power Supply Contract where

- (a) the Customer's space conditioning is accomplished solely by an all-electric heating, ventilating, and air conditioning system (HVAC System),
- (b) at least fifty percent (50%) of the Customer's interior floor space at that location is heated and cooled by the all-electric HVAC System, and
- (c) at least fifty percent (50%) of the rated electric load served under the Power Supply Contract is for interior lighting, cooking, and the HVAC System.

GUIDELINE 2 - NEW CUSTOMERS

2.1 Qualification. An SIC Customer or an All-Electric Customer is eligible to enter into a Participation Agreement under 2.2 below if the Customer

- (a) initiates operations at an entirely new facility through a new delivery point, or
- (b) restarts an existing facility with no current Contract Demand which has been operationally shut down for a period of at least 12 consecutive months.

2.2 New Customer Participation Agreement. To participate in the EGC Program, a Customer qualifying under 2.1 above must enter into a Participation Agreement. The Participation Agreement shall:

- (a) be in a form furnished or approved by TVA;

(b) include (i) a certification by the Customer showing that it qualifies under 2.1 above and (ii) a requirement that the Customer promptly notify Distributor of any change in any aspect of such qualifying status;

(c) provide for a monthly credit to the Customer for the time period and in the credit amount specified in Guideline 4.2, 4.3, 4.4, or 4.5 below for each kW of the Customer's Actual Firm Demand in the month (up to and including the kW amount of the Contract Demand); provided, however, to receive a credit in any month

(i) an SIC Customer must establish an Actual Firm Demand of at least 100 kW in that month, and

(ii) an All-Electric Customer must establish an Actual Firm Demand of at least 250 kW in that month;

(d) provide that a Customer billed under part 2 of the section of schedule GSA or TGSA entitled "Base Charges" shall not receive a credit in any month which exceeds fifty percent (50%) of the amount of the charges billed to the Customer under that section; and

(e) provide for the automatic termination of the Participation Agreement if the Customer (i) does not qualify for a credit under (c), and where applicable (d), above within 12 months of the effective date of the Participation Agreement or (ii) ceases at any time to qualify for participation in the EGC Program under 2.1 above.

GUIDELINE 3 - EXPANSION CUSTOMER

3.1 Qualification

3.1.1 SIC Customer. An SIC Customer is eligible to enter into a Participation Agreement under 3.2 below if the Customer

(a) initiates an expansion of its facilities served through an existing delivery point, and

(b) on or before the effective date of the Participation Agreement, enters into a written Power Supply Contract specifying a Contract Demand which is at least 100 kW greater than the Base Amount applicable for that Customer.

3.1.2 All-Electric Customer. An All-Electric Customer is eligible to enter into a Participation Agreement under 3.2 below if the Customer

(a) initiates an expansion of its facilities served through an existing delivery point, and

(b) on or before the effective date of the Participation Agreement, enters into a written Power Supply Contract specifying a Contract Demand which

is at least 250 kW greater than the Base Amount applicable for that Customer.

3.1.3 Other Qualified Customer. A Customer is eligible to enter into a Participation Agreement under 3.2 below if the Customer

(a) initiates an expansion of its facilities (served through an existing delivery point) where it adds at least 250 kW in load for the purpose(s) of all-electric space conditioning, all-electric water conditioning, and/or all-electric cooking, and

(b) on or before the effective date of the Participation Agreement, enters into a written Power Supply Contract specifying a Contract Demand which is at least 250 kW greater than the Base Amount applicable for that Customer.

3.2 Expansion Customer Participation Agreement. To participate in the EGC Program, a Customer qualifying under 3.1 above must enter into a Participation Agreement. The Participation Agreement shall:

(a) be in a form furnished or approved by TVA;

(b) include (i) a certification by the Customer showing that it qualifies under 3.1 above and (ii) a requirement that the Customer promptly notify Distributor of any change in any aspect of such qualifying status;

(c) provide for a monthly credit to the Customer for the time period and in the amount specified in Guideline 4.2, 4.3, 4.4, or 4.5 below for each kW by which the Customer's Actual Firm Demand (up to and including the kW amount of the Contract Demand) in the month exceeds the applicable Base Amount; provided, however, that

(i) for an SIC Customer, no credit shall be applicable unless such Actual Firm Demand exceeds the Base Amount by at least 100 kW, and

(ii) for an All-Electric Customer, or a Customer that qualifies under 3.1.3 above, no credit shall be applicable unless such Actual Firm Demand exceeds the Base Amount by at least 250 kW;

(d) provide that a Customer billed under part 2 of the section of schedule GSA or TGSA entitled "Base Charges" shall not receive a credit in any month which exceeds fifty percent (50%) of the amount of the charges billed to the Customer under that section;

(e) provide that where any type of power other than firm power was available at the Customer's delivery point at any time during the period used to calculate the applicable Base Amount

(i) for an SIC Customer no credit shall be applicable in any month unless the highest Total Metered Demand (up to and including the kW amount of

the amount of power available) in that month exceeds the Total Metered Base Amount by at least 100 kW,

(ii) for an All-Electric Customer, or a Customer that qualifies under 3.1.3 above, no credit shall be applicable in any month unless the highest Total Metered Demand (up to and including the kW amount of the total amount of power available) in that month exceeds the Total Metered Base Amount by at least 250 kW, and

(iii) the kW amount eligible for a credit will be the lesser of the kW amount calculated under (c) above or the kW amount by which the highest Total Metered Demand (up to and including the kW amount of the total amount of power available) in the month exceeds the Total Metered Base Amount; and

(f) provide for the automatic termination of the Participation Agreement if (i) the Customer does not qualify for a credit under (c), and where applicable (d) and (e), above within 12 months of the effective date of the Participation Agreement or (ii) ceases at any time to qualify for participation in the EGC Program under 3.1 above.

GUIDELINE 4 - CREDITS

4.1 Credit Method. Distributor shall make available to each Customer that qualifies for participation in the Program:

(a) one of the two credit options set forth in 4.2 and 4.3 below, for those customers which qualify for participation in the Program before October 1, 2003, or

(b) one of the two credit options set forth in 4.4 and 4.5 below, for those customers which qualify for participation in the Program on or after October 1, 2003

and shall specify in the Participation Agreement with such Customer the credit option so selected.

4.2 Declining 6 Year Credit Option. If this credit option is selected, Distributor shall apply the following schedule of credit amounts in calculating the credits to be applied under a Participation Agreement, entered into before October 1, 2003. Such credits will be applied for a 6-year period beginning with the first month in which the Customer qualifies for a credit under 2.2(c) or 3.2(c) above.

\$6.00 per kW for the first 12-consecutive-month period.

\$5.00 per kW for the second 12-consecutive-month period.

\$4.00 per kW for the third 12-consecutive-month period.

\$3.00 per kW for the fourth 12-consecutive-month period.

\$2.00 per kW for the fifth 12-consecutive-month period.

\$1.00 per kW for the sixth 12-consecutive-month period.

4.3 Flat 3 Year Credit Option. If this credit option is selected, Distributor will apply a credit amount of \$6.00 per kW in calculating the credits to be applied under a Participation Agreement, entered into before October 1, 2003. Such credits will be applied for a 3-year period beginning with the first month in which the Customer qualifies for a credit under 2.2(c) or 3.2(c) above.

4.4 Declining 8 Year Credit Option. If this credit option is selected, Distributor shall apply the following schedule of credit amounts in calculating the credits to be applied under a Participation Agreement entered into on or after October 1, 2003. Such credits will be applied for an 8-year period beginning with the first month in which the Customer qualifies for a credit under 2.2(c) or 3.2(c) above.

\$6.00 per kW for the first 12-consecutive-month period.

\$5.25 per kW for the second 12-consecutive-month period.

\$4.50 per kW for the third 12-consecutive-month period.

\$3.75 per kW for the fourth 12-consecutive-month period.

\$3.00 per kW for the fifth 12-consecutive-month period.

\$2.25 per kW for the sixth 12-consecutive-month period.

\$1.50 per kW for the seventh 12-consecutive-month period.

\$0.75 per kW for the eighth 12-consecutive-month period.

4.5 Flat 4 Year Credit Option. If this credit option is selected, Distributor will apply a credit amount of \$6.00 per kW in calculating the credits to be applied under a Participation Agreement entered into on or after October 1, 2003. Such credits will be applied for a 4-year period beginning with the first month in which the Customer qualifies for a credit under 2.2(c) or 3.2(c) above.

GUIDELINE 5 - EXPANSION DURING GROWTH CREDIT PARTICIPATION

It is recognized that a Customer receiving credits under the EGC Program may subsequently expand its facilities in a manner which would qualify the Customer for additional credits under Guideline 3.1 above. In such event, the Customer may enter into a Participation Agreement (Additional Credit Agreement) to cover credits for the expanded load except that

(a) a Customer shall not be eligible to enter into such an Additional Credit Agreement within the 12-month period immediately following the month in

which the Customer begins to receive credits under any Participation Agreement, and

(b) the Additional Credit Agreement shall provide that any kW amount of Actual Firm Demand for which the Customer receives a credit under the Additional Credit Agreement shall not be counted for purposes of determining the credit applicable under any previous EGC agreements which are still effective.