**Offer Sheet Template
for a Generation Resource Capacity Source**

**Section 1. Description of Generation Resource**

1. Name of Generation Resource and site code (if available): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Fuel type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (e.g., natural gas, oil, coal)
3. Nameplate capacity: \_\_\_\_\_\_ MW
4. Net Maximum Sustainable Rating for Winter (this will be considered the offered capacity amount): \_\_\_\_\_\_\_ MW
5. Current Generation Resource status (new/commissioning, seasonally mothballed, mothballed, retired/decommissioned) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Name of interconnecting substation(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Resource ID (if Generation Resource is currently modeled): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Expected date of Resource availability (must be no earlier than 12/1/23 and no later than 1/9/24): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Incentive Factor: \_\_\_% (may be different from 10%)[[1]](#footnote-2)
10. If Generation Resource is in the interconnection process and has not yet completed commissioning, please provide the following:
	* GIM request number: \_\_\_\_\_\_\_\_\_\_\_\_\_
	* Current Commercial Operations Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Section 2. Generation Resource Data Requirements**

1. Variable Operations & Maintenance (O&M) costs ($/start) [from start to Low Sustained Limit (LSL), for each start type]:
* Hot Start: \_\_\_\_ ($ per start)
* Intermediate Start: \_\_\_\_ ($ per start)
* Cold Start: \_\_\_\_\_ ($ per start)
1. Variable Operations & Maintenance (O&M) at LSL: \_\_\_\_($/MWh)
2. Fuel consumption (MMBtu per start), for each start type:
* Hot Start: \_\_\_\_ (MMBTU per start)
* Intermediate Start: \_\_\_\_ (MMBTU per start)
* Cold Start: \_\_\_\_\_ (MMBTU per start)

D) Low Sustainable Limit (LSL): \_\_\_\_(MW)

E) Input/Output Equation Coefficients[[2]](#footnote-3):

 I/O = a + bx + cx^2 + dx^3 [x = MW value along the curve][[3]](#footnote-4)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | a | b | c | d |
| Coefficients |  |  |  |  |

F) Fuel Adder: \_\_\_\_\_\_($/MMBtu) (The fuel adder covers the cost of fuel storage and transportation)

G) Operating Fuel Percentage:

|  |  |  |
| --- | --- | --- |
| Fuel Type | At LSL | Above LSL |
| Gas |  |  |
| Fuel Oil |  |  |
| Solid Fuel |  |  |

**Section 3. Start-Up Times, Minimum Run Times, and Limitations**

A) Start-Up Times: [From notification to HSL being available to SCED]

* Cold Start: \_\_\_\_ (minutes)
* Intermediate Start: \_\_\_\_ (minutes)
* Hot Start: \_\_\_\_ (minutes)

B) Minimum Run Time: \_\_\_\_ (minutes)

C) Minimum Down-Time: \_\_\_\_ (minutes)

D) Time to go from Hot to Intermediate: \_\_\_\_ (minutes)

E) Time to go from Intermediate to Cold: \_\_\_\_ (minutes)

**Section 4. Total Eligible Costs**

A) Total non-fuel, non-capital eligible[[4]](#footnote-5) costs for Contract Period: $\_\_\_\_\_\_\_\_

B) Total non-fuel capital[[5]](#footnote-6) eligible costs for Contract Period: $\_\_\_\_\_\_\_\_

C) Total eligible costs (A + B) for Contract Period: $\_\_\_\_\_\_\_\_

Note: Generation Resources must submit budgeted eligible costs consistent with Section 3.14.1.11, Budgeting Eligible Costs, in an Excel format per month.

**Section 5. Calculation of Various Parameters (for reference only)**

A) Fuel cost per start ($/start) = Fuel consumption per start[[6]](#footnote-7) \* (FIP[[7]](#footnote-8) + FA[[8]](#footnote-9))

B) Fuel cost at LSL ($/MWh) = AHR[[9]](#footnote-10) at LSL \* (FIP + FA)

C) Fuel cost above LSL ($/MWh) = AHR[[10]](#footnote-11) \* (FIP + FA)

D) Standby Payment[[11]](#footnote-12) for the Contract Period = (e \* Incentive Factor[[12]](#footnote-13) + c), where

 e = Total non-fuel, non-capital eligible costs for Contract Period (Section 4 item A, above)

 c = Total non-fuel capital eligible costs for Contract Period (Section 4 item B, above)

1. Incentive Factor only applies to non-fuel, non-capital eligible costs for the Contract Period. [↑](#footnote-ref-2)
2. Needed to create the average heat rate curve. The I/O curve represents the fuel burned per hour at each MW output of the Generation Resource. [↑](#footnote-ref-3)
3. The I/O curve may be a third- or second-degree polynomial equation. [↑](#footnote-ref-4)
4. See paragraph (4)(c) of Protocols Section 3.14.1.11, Budgeting Eligible Costs. [↑](#footnote-ref-5)
5. Capital Expenditures needed to make the Generation Resource operational. [↑](#footnote-ref-6)
6. In MMBtu [↑](#footnote-ref-7)
7. Fuel Index Price ($/MMBtu) as described in Section 2 of the Protocols. [↑](#footnote-ref-8)
8. Fuel Adder ($/MMBtu) described in Section 3 above. [↑](#footnote-ref-9)
9. AHR = Average Heat Rate (MMBtu/MWh) at LSL calculated by ERCOT using the I/O curve. [↑](#footnote-ref-10)
10. AHR = Average Heat Rate (MMBtu/MWh) for the range between LSL and HSL calculated by ERCOT using the I/O curve. [↑](#footnote-ref-11)
11. Subject to various reduction factors. [↑](#footnote-ref-12)
12. The Incentive Factor will be applied to the Standby Payment on the Final Settlement. [↑](#footnote-ref-13)