d. The amount of wet wood, in tons, burned in the energy system (ID No. ES). The Permittee shall convert the ton/month wet wood burned into the total heat input rate into Energy System ES in the unit of MMBtu/month with wet wood.

e. The amount of dry wood, in tons, burned in the energy system (ID No. ES). The Permittee shall convert the ton/month dry wood burned into the total heat input rate into Energy System ES in the unit of MMBtu/month with dry wood.

f. The total hours per month that the three-hour rolling average RTO combustion zone temperature falls below the minimum combustion zone temperature set point established in accordance with Condition 6.8b (1,500F before any performance test is conducted).

g. Total hours per month that the exhaust from Energy System ES, Dryer DRY1, Dryer DRY2, or Dryer DRY3 bypasses the regenerative thermal oxidizer (ID No. RTO).

h. The total hours per month that either of Dryers DRY1, DRY2, or DRY3 is in operation.

i. The total amount of natural gas, in million cubic feet/month, burned in the boiler (ID No. BLR).

7.7 [Deleted]

7.8 The Permittee shall calculate and record the amount of NOx emissions from the entire facility in each calendar month, using the following equation:
[391-3-1-.02(6)(b)1.]

$$ER_{NOx} = [(EF_{NOx/S1} * H_B) + (EF_{NOx/BLR}) * (H_{BLR})] / 2{,}000$$

Where:

ER_{NOx}	=	Monthly NOx emission rate from the entire facility, in tons per month.
$EF_{NOx/S1}$	=	NOx emission factor for Stack S1, in lbs NOx/MMBtu, determined in the most recent performance tests per Condition 6.6a. Before the initial performance test is conducted, the Permittee is allowed to use the NOx emission factor in Table 7.8 below.
H_B	=	Monthly combined heat input into Energy Systems ES, determined and recorded in accordance with Conditions 7.6d. and e.
$EF_{NOx/BLR}$	=	U.S. EPA AP-42 NOx emission factor for Boiler BLR, 100 pounds NOx per million cubic feet of natural gas (100 lbs NOx/MMcf NG).
H_{BLR}	=	Monthly natural gas consumption by Boiler BLR, in MMcf NG/mo, determined and recorded in accordance with Condition 7.6i.
2,000	=	Conversion factor to convert pounds into tons.