## Table 2, Summary of Compliance Requirements

City of Tallahassee
Sam O. Purdom Generating Station

Draft/Proposed Permit No. 1290001-011-AV
Facility ID No. 1290011

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

| **E.U. ID No.** | **Brief Description** |
|---|---|
| 007 | Fossil Fuel Fired Steam Generator, Unit No. 7 |

| Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing Time Frequency | Frequency Base Date * | Min. Compliance Test Duration | CMS** | See permit condition(s) |
|---|---|---|---|---|---|---|---|
| VE | Gas/Oil | DEP Method 9 | annual & renewal | | 1-hour test | | III.A.16. - 21., 26. & 27. |
| VE-SB | Gas/Oil | DEP Method 9 | annual & renewal | | 1-hour test | | III.A.16. - 21., 26. & 27. |
| PM | Gas/Oil | EPA Method 17, 5, 5B,or 5F | annual & renewal | | 3 1-hour test runs | | III.A.16. - 19., 22., 25. & 27. |
| PM-SB | Gas/Oil | EPA Method 17, 5, 5B,or 5F | annual & renewal | | 3 1-hour test runs | | III.A.16. - 19., 22., 25. & 27. |
| $SO_2$ | Oil | EPA Method 6, 6A, 6B,or 6C | | | 3 1-hour test runs | | III.A.16. - 19., 23. & 24. |
| $SO_2$ | Gas/Oil | Appendix D, 40 CFR 75 | | | | | III.A.16. - 19., 23. & 24. |
| $SO_2$ | Oil | Fuel sampling & analysis for 1.70% S by weight | Each Delivery | | | Yes | III.A.16. - 19., 23. & 24. |
| Facility-wide emissions cap - $SO_2$ | Oil | | | | | Yes | FW12. & III.A.33. |
| Facility-wide emissions cap - NOx | Gas/Oil | | | | | Yes | FW14. & III.A.34. |
| Arsenic | Used Oil | ASTM Standard D140-70 | Each Delivery | | | | III.A.32. |
| Cadmium | Used Oil | ASTM Standard D140-70 | Each Delivery | | | | " |
| Chromium | Used Oil | ASTM Standard D140-70 | Each Delivery | | | | " |
| Lead | Used Oil | ASTM Standard D140-70 | Each Delivery | | | | " |
| Total Halogens | Used Oil | ASTM Standard D140-70 | Each Delivery | | | | " |
| Flash Point | Used Oil | ASTM Standard D140-70 | Each Delivery | | | | " |
| PCBs | Used Oil | ASTM Standard D140-70 | Each Delivery | | | | " |

Notes:
* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.
**CMS [=] continuous monitoring system

## Table 2, Summary of Compliance Requirements

City of Tallahassee
Sam O. Purdom Generating Station

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| E.U. ID No. | Brief Description |
|---|---|
| 008 | Simple Cycle Combustion Turbine Unit No. 1 |
| 009 | Simple Cycle Combustion Turbine Unit No. 2 |

| Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing Time Frequency | Frequency Base Date * | Min. Compliance Test Duration | CMS** | See permit condition(s) |
|---|---|---|---|---|---|---|---|
| VE | natural gas and/or No. 2 fuel oil | DEP Method 9 | renewal *** | | 30-minute test | No | III.B.11. - 16. |
| $SO_2$ | No. 2 fuel oil | Fuel sampling & analysis for 0.05% S by weight | N/A | | NA | No | III.B.11. - 16. |
| Facility-wide emissions cap - $SO_2$ | natural gas and/or No. 2 fuel oil | | | | | No | FW12. & III.B.22. |
| Facility-wide emissions cap - NOx | natural gas and/or No. 2 fuel oil | | | | | No | FW14. & III.B.23. |

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**CMS [=] continuous monitoring system
N/A represents not applicable.
*** unless operate less than 400 hours/year.

## Table 2, Summary of Compliance Requirements

City of Tallahassee — Draft/Proposed Permit No. 1290001-011-AV

Sam O. Purdom Generating Station — Facility ID No. 1290011

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

| **E.U. ID No.** | **Brief Description** |
|---|---|
| 011 | Auxiliary Boiler |

| Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing Time Frequency | Frequency Base Date * | Min. Compliance Test Duration | CMS** | See permit condition(s) |
|---|---|---|---|---|---|---|---|
| VE | Gas | DEP Method 9 | renewal *** | | 1-hour test | No | III.C.12. - 18. |
| PM | Gas | N/A | N/A | | NA | No | III.C.12. - 18. |
| $SO_2$ | Gas | N/A | N/A | | NA | No | III.C.12. - 18. |
| Facility-wide emissions cap - $SO_2$ | Gas | | | | | No | FW12. & III.C.25. |
| Facility-wide emissions cap - NOx | Gas | | | | | No | FW14. & III.C.26. |

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N/A represents not applicable.

*** unless operate less than 400 hours/year.

## Table 2, Summary of Compliance Requirements

City of Tallahassee — Draft/Proposed Permit No. 1290001-011-AV

Sam O. Purdom Generating Station — Facility ID No. 1290011

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| E.U. ID No. | Brief Description |
|---|---|
| 014 | Combined Cycle Combustion Turbine Unit No. 8 |

| Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing Time Frequency | Frequency Base Date * | Min. Compliance Test Duration | CMS** | See permit condition(s) |
|---|---|---|---|---|---|---|---|
| NOx | natural gas and/or No. 2 fuel oil | CEMS/EPA Method 20 | Continous/Annual (Concurrent with RATA) | | 30-day rolling avg./3 1-hour test runs | Yes | III.D.22. -31. |
| CO | natural gas and/or No. 2 fuel oil | EPA Method 10 | annual & renewal | | 3 1-hour test runs | No | III.D.22. -31. |
| VE | natural gas and/or No. 2 fuel oil | EPA Method 9 | annual & renewal*** | | 1-hour test | No | III.D.22. -31. |
| $PM_{10}$, SAM, & $SO_2$ | natural gas and/or No. 2 fuel oil | good combustion techniques & VE serves as surrogate | N/A | | N/A | | III.D.22. -31. |
| $SO_2$ | natural gas and/or No. 2 fuel oil | Appendix D, 40 CFR 75 | | | | Yes | III.D.22. -31. |
| $SO_2$ | No. 2 fuel oil | Fuel sampling & analysis for 0.05% S by weight | Daily / Transfer | | | | III.D.22. -31. |
| $CO_2$ | All | | N/A | | N/A | Yes | |
| Facility-wide emissions cap - $SO_2$ | No. 2 fuel oil | | | | | Yes | FW12. & III.D.36. |
| Facility-wide emissions cap - NOx | natural gas and/or No. 2 fuel oil | | | | | Yes | FW14. & III.D.37. |

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