

- 1 Newington Station, Unit No. 1 – oil, natural gas
- 2 Schiller Station, Unit No. 4 – coal, oil
- 3 Schiller Station, Unit No. 5 – biomass
- 4 Schiller Station, Unit No. 6 – coal, oil
- 5 Merrimack Station, Combustion Turbine CT-1 – light oil
- 6 Merrimack Station, Combustion Turbine CT-2 – light oil
- 7 Schiller Station, Combustion Turbine CT-1 – light oil
- 8 Lost Nation, Combustion Turbine – light oil
- 9 White Lake, Combustion Turbine – light oil

10 During the period January 1 through January 9, these units were all available with
 11 one exception. This exception was:

Unit	Outage Start	Outage Stop	Duration	Cause
Schiller Unit 5	1/4/18 09:05	1/4/18 16:30	7.42 hrs	ID fan electrical breaker contacts opened and were reset

12 The electrical equipment breaker opening is an unusual circumstance that does
 13 occasionally occur even with the thorough preventative maintenance programs that
 14 are in place. A thorough inspection and troubleshooting effort was used resulting in
 15 nothing observed that was out of the ordinary, thus this event only required

2018 Fossil Unit Outages

Only one outage occurred during the period of Eversource's ownership of January 1 – January 10, 2018.

Schiller Unit No. 5

Outage	Start	End	Duration Hours	Outage Cause Description
A	1/4/18 09:05	1/4/18 16:30	7.42	Induced fan electric breaker contact mechanism failure

- 1 Newington Station, Unit No. 1 – oil, natural gas
- 2 Schiller Station, Unit No. 4 – coal, oil
- 3 Schiller Station, Unit No. 5 – biomass
- 4 Schiller Station, Unit No. 6 – coal, oil
- 5 Merrimack Station, Combustion Turbine CT-1 – light oil
- 6 Merrimack Station, Combustion Turbine CT-2 – light oil
- 7 Schiller Station, Combustion Turbine CT-1 – light oil
- 8 Lost Nation, Combustion Turbine – light oil
- 9 White Lake, Combustion Turbine – light oil

10 During the period January 1 through January 9, these units were all available with
 11 ~~two~~ one exceptions. ~~This~~ ~~ese~~ ~~two~~ exceptions ~~was~~ were:

Unit	Outage Start	Outage Stop	Duration	Cause
Schiller Unit 5	1/1/18 18:00	1/2/18 02:30	8.50 hrs	Frozen wood caused a bridge in the #2 silo reducing fuel flow until cleared by an operator
Schiller Unit 5	1/4/18 09:05	1/4/18 10:30 16:30	7.42 hrs	ID fan electrical breaker contacts opened and were reset

~~12 Both incidents are not unusual. Wet and frozen biomass fuel is an ongoing~~
~~13 challenge with Schiller Unit No. 5 since the biomass fuel is stored outdoors.~~
~~14 Numerous equipment modifications and procedural changes have been made to~~
~~15 minimize fuel flow interruptions from occurring causing significant reductions in~~
~~16 the frequency and duration of these types of events, however, they still occur on~~
~~17 occasion.~~

~~18~~12 The electrical equipment breaker opening is an unusual circumstance that does
~~19~~13 occasionally occur even with the thorough preventative maintenance programs that
~~20~~14 are in place. A thorough inspection and troubleshooting effort was used resulting in
~~21~~15 nothing observed that was out of the ordinary, thus this event only required

2018 Fossil Unit Outages

Only ~~two~~one outages occurred during the period of Eversource's ownership of January 1 – January 10, 2018.

Schiller Unit No. 5

Outage	Start	End	Duration Hours	Outage Cause Description
A	1/1/18 18:00	1/2/18 02:30	8.50	Frozen wood chips caused bridging in No. 2 wood silo interrupting fuel flow to the boiler
<u>BA</u>	1/4/18 09:05	1/4/18 10:30 <u>16:30</u>	7.42	Induced fan electric breaker contact mechanism failure