

**ORANGE AND ROCKLAND UTILITIES, INC.**INDEX OF SCHEDULES  
June 15, 2018 Update  
Gas and Common Plant Forecast

<b><u>SCHEDULE</u></b>	<b><u>TITLE OF SCHEDULE</u></b>	<b><u>WITNESS</u></b>
1	Gas Capital Expenditures by Project O&R Forecast January 2018 to December 2021	Accounting Panel
2	Gas Plant Additions by Project O&R Forecast January 2018 to December 2021	"
3	Common Capital Expenditures by Project O&R Forecast January 2018 to December 2021	"
4	Common Plant Additions by Project O&R Forecast January 2018 to December 2021	"

**Orange and Rockland Utilities, Inc.**  
**Gas Rate Case**  
**Gas Capital Expenditures by Project**  
**O&R Forecast January 2018 to December 2021**  
**June 15, 2018 Update**  
**(\$000s)**

Case 18-G-0068  
 June 15, 2018 Update  
 Exhibit AP-G4  
 Schedule 1

<u>Project Description</u>	<u>In Service Date</u>	<u>Jan-18 to Dec-18</u>	<u>Rate Year 1 Jan-19 to Dec-19</u>	<u>Rate Year 2 Jan-20 to Dec-20</u>	<u>Rate Year 3 Jan-21 to Dec-21</u>
<b><u>Gas Capital Expenditures:</u></b>					
Blankets	Various	\$ 43,253.9	\$ 37,516.9	\$ 36,401.4	\$ 37,409.9
<b>All Other Projects</b>					
GCC Facility Upgrades	Jun 2017	75.0	50.0	50.0	50.0
GCC Improvements Project	Jun 2017	200.0	150.0	125.0	150.0
GCC Network Upgrades	Jun 2017	100.2	100.0	100.0	100.0
ORU GMD/GIMS Enhancements (Software)	Jul 2018	299.0	-	-	-
Prometric Testing Center	Nov 2018	1,825.0	-	-	-
Stony Point Downgrade	Nov 2018	218.7	-	-	-
Install New CP Rectifier at Eckerson Lane	Dec 2018	49.8	-	-	-
Tuxedo Farms Reinforcement	Dec 2018	1,100.1	-	-	-
Upgrade Filter-Separator at Sloatsburg Gate Station	Dec 2019	99.6	198.1	-	-
Upgrade Heater at Buena Vista Gate Station	Dec 2019	100.0	300.0	-	-
Goshen Gas Training Center	Feb 2020	200.0	1,800.0	300.0	-
MU Congers Road New City	Dec 2020	308.9	614.9	300.1	-
Upgrade Middeltown Plant Yard Reg Station	Dec 2020	-	-	398.0	-
ORU Gas Mobile Dispatch Replacement (Software)	Dec 2021	700.0	900.0	973.4	1,926.6
Tappan GS Storm Hardening	Dec 2021	-	-	-	284.8
Upgrade Crooked Hill Regulator Station	Dec 2021	-	6.1	105.9	402.8
Upgrade Dassori Rd Regulator Station	Dec 2021	-	-	-	217.9
Pipeline Integrity Gate Station Upgrades	Dec 2022	-	200.0	500.0	750.0
Sloatsburg/Tuxedo Reinforcement	Dec 2022	229.9	500.0	2,000.0	2,000.0
Tuxedo Farms Development	Dec 2023	750.0	1,000.2	500.0	500.0
AMI Program	Various	5,708.9	5,102.8	2,176.5	-
		<b>11,965.1</b>	<b>10,922.1</b>	<b>7,528.9</b>	<b>6,382.1</b>
<b>Total Gas Capital Expenditures</b>		<b>\$ 55,219.0</b>	<b>\$ 48,439.0</b>	<b>\$ 43,930.3</b>	<b>\$ 43,792.0</b>

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Orange and Rockland Utilities, Inc.  
**Gas Rate Case**  
**Gas Plant Additions by Project**  
**O&R Forecast January 2018 to December 2021**  
**June 15, 2018 Update**  
**(\$000s)**

Case 18-G-0068  
June 15, 2018 Update  
Exhibit AP-G4  
Schedule 2

<u>Project Description</u>	<u>In Service Date</u>	<u>Jan-18 to Dec-18</u>	<u>Rate Year 1 Jan-19 to Dec-19</u>	<u>Rate Year 2 Jan-20 to Dec-20</u>	<u>Rate Year 3 Jan-21 to Dec-21</u>
<b>Gas Plant Additions:</b>					
Blankets	Various	\$ 42,392.1	\$ 36,873.4	\$ 35,758.0	\$ 36,762.1
<b>All Other Projects</b>					
GCC Facility Upgrades	Jun 2017	75.0	50.0	50.0	50.0
GCC Improvements Project	Jun 2017	200.0	150.0	125.0	150.0
GCC Network Upgrades	Jun 2017	100.2	100.0	100.0	100.0
MR BS Route 9W Tomkins Cove	Jul 2018	175.1	-	-	-
ORU GMD/GIMS Enhancements (Software)	Jul 2018	798.6	-	-	-
MR BS Route 284 Phase 6 - Westtown	Sep 2018	116.5	-	-	-
Prometric Testing Center	Nov 2018	1,825.0	-	-	-
Stony Point Downgrade	Nov 2018	233.3	-	-	-
Install New CP Rectifier at Eckerson Lane	Dec 2018	49.8	-	-	-
Middletown Main Replacement LP-HP Conversion	Dec 2018	192.8	-	-	-
Port Jervis Main Replacement LP-HP	Dec 2018	210.8	-	-	-
Tuxedo Farms Reinforcement	Dec 2018	1,100.1	-	-	-
Upgrade Filter-Separator at Sloatsburg Gate Station	Dec 2019	-	297.7	-	-
Upgrade Heater at Buena Vista Gate Station	Dec 2019	-	400.0	-	-
Goshen Gas Training Center	Feb 2020	-	-	2,300.0	-
MU Congers Road New City	Dec 2020	-	-	1,100.0	-
Upgrade Middletown Plant Yard Regulator Station	Dec 2020	-	-	398.0	-
ORU Gas Mobile Dispatch Replacement (Software)	Dec 2021	-	-	-	4,500.0
Tappan GS Storm Hardening	Dec 2021	-	-	-	254.8
Upgrade Crooked Hill Regulator Station	Dec 2021	-	-	-	474.7
Upgrade Dassori Rd Regulator Station	Dec 2021	-	-	-	217.9
AMI Program	Various	5,708.9	5,102.8	2,176.5	-
		<b>10,786.1</b>	<b>6,100.5</b>	<b>6,249.5</b>	<b>5,747.4</b>
<b>Total Gas Plant Additions</b>		<b>\$ 53,178.2</b>	<b>\$ 42,973.9</b>	<b>\$ 42,007.5</b>	<b>\$ 42,509.5</b>

Orange and Rockland Utilities, Inc.  
 Electric Rate Case  
 Common Capital Expenditures by Project  
 O&R Forecast January 2018 to December 2021  
 June 15, 2018 Update  
 (\$000s)

Case 18-G-0068  
 June 15, 2018 Update  
 Exhibit AP-G4  
 Schedule 3

<u>Project Description</u>	<u>In Service Date</u>	<u>Jan-18 to Dec-18</u>	<u>Rate Year 1 Jan-19 to Dec-19</u>	<u>Rate Year 2 Jan-20 to Dec-20</u>	<u>Rate Year 3 Jan-21 to Dec-21</u>
<b><u>Common Capital Expenditures:</u></b>					
Blankets	Various	\$ 11,429.7	\$ 10,270.9	\$ 9,099.3	\$ 8,518.1
Regular Projects Under \$500k	Various	2,011.5	967.4	489.5	1,016.6
<b>Regular Projects Over \$500k</b>					
Green Button Connect (GBC) Software	Sep 2018	108.3	-	-	-
Enterprise Security Platform	Dec 2018	500.0	-	-	-
Willow Brook Dam Enhancements	Sep 2019	50.0	1,725.0	-	-
Off Cycle Enrollment Software RAIS and CIMS	Dec 2019	-	994.0	-	-
Priority Customer Repository - NUCON Enhancement	Dec 2019	375.0	400.0	-	-
Contractor Oversight System Mobile Enhancement	Dec 2020	-	500.0	421.2	-
Innovative Time of Use Pricing Software	Dec 2020	-	249.9	500.0	-
Port Jervis Exterior and Window Replacement	Aug 2021	-	-	-	500.0
Automated Outage Communication	Dec 2021	-	300.0	300.0	300.0
Building Roof Program	Dec 2022	-	-	250.0	250.0
CCA and Data Aggregation	Dec 2022	250.0	250.0	250.0	250.0
Corporate Website Upgrade	Dec 2022	629.9	565.5	419.2	430.0
OMS Enhancements	Dec 2022	-	-	-	1,158.9
REV Settlement and Regulatory Requirements	Dec 2022	500.0	500.0	1,000.0	1,000.0
Customer Information System (CIS) Replacement	Jul 2023	734.0	1,273.2	9,454.2	8,084.9
O&R CUS Integration	Dec 2023	-	200.0	200.0	200.0
AMI Program	Various	9,677.7	5,251.4	3,430.5	-
Mainframe Upgrade	Various	840.1	1,889.2	1,405.9	603.5
		<b>13,665.0</b>	<b>14,098.2</b>	<b>17,631.0</b>	<b>12,777.3</b>
<b>Total Common Capital Expenditures</b>		<b>\$ 27,106.2</b>	<b>\$ 25,336.5</b>	<b>\$ 27,219.8</b>	<b>\$ 22,312.0</b>

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Electric Rate Case  
Common Plant Additions by Project  
O&R Forecast January 2018 to December 2021  
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Schedule 4

<u>Project Description</u>	<u>In Service Date</u>	<u>Jan-18 to Dec-18</u>	<u>Rate Year 1 Jan-19 to Dec-19</u>	<u>Rate Year 2 Jan-20 to Dec-20</u>	<u>Rate Year 3 Jan-21 to Dec-21</u>
<b><u>Common Plant Additions:</u></b>					
Blankets	Various	\$ 11,559.7	\$ 10,414.0	\$ 9,229.3	\$ 8,648.2
Regular Projects Under \$500k	Various	1,484.0	1,834.8	420.9	1,200.6
<b>Regular Projects Over \$500k</b>					
SVOC Power Systems Project	Jul 2018	1,190.1	-	-	-
Green Button Connect (GBC) Software	Sep 2018	663.0	-	-	-
Enterprise Security Platform	Dec 2018	1,546.5	-	-	-
Willow Brook Dam Enhancements	Sep 2019	-	1,775.0	-	-
Innovative Time of Use Pricing Software	Dec 2020	-	-	749.9	-
Off Cycle Enrollment Software RAIS and CIMS	Dec 2019	-	1,634.1	-	-
Priority Customer Repository - NUCON Enhancement	Dec 2019	-	775.0	-	-
Contractor Oversight System Mobile Enhancement	Dec 2020	-	-	921.2	-
Automated Outage Communication	Dec 2021	-	-	-	900.0
AMI Program	Various	9,677.7	5,251.4	3,430.5	-
Mainframe Upgrade	Various	840.1	1,889.2	1,405.9	603.5
		<b>13,917.4</b>	<b>11,324.7</b>	<b>6,507.5</b>	<b>1,503.5</b>
<b>Total Common Plant Additions</b>		<b>\$ 26,961.1</b>	<b>\$ 23,573.5</b>	<b>\$ 16,157.7</b>	<b>\$ 11,352.3</b>