

# Blue Ridge Power Agency

## Fall 2018 Block Energy & Load Following RFP Term Sheet Indicative Pricing Request Products 1-4

### RFP Summary:

The City of Martinsville, VA & the Town of Richlands, VA, members of the Blue Ridge Power Agency, are requesting indicative pricing for fixed load shape & load following energy products to serve remaining load requirements in Calendar Year 2020 & Calendar Year 2021. City of Martinsville, VA and the Town of Richlands, VA annual loads total approximately 250 GWh.

### Deadlines / Pricing Preferences:

- **Deadline for Proposal Submission: 5:00 pm (EST) on December 19, 2018**
- Pricing should be based on close of business on **December 18, 2018**
- Prices should include energy only (capacity should not be included)
- Separate pricing for each product and Calendar Year Term

### Product 1: Fixed Load Shape for the City of Martinsville

- **Terms:**
  - January 1, 2020 - December 31, 2020 (1 Year)
  - January 1, 2021 - December 31, 2021 (1 Year)
- **Delivery Locations:**
  - AEP-Dayton Hub (Pnode: 34497127)
  - Blue Ridge Aggregate (Pnode: 35024709)
  - PJM Western Hub (Pnode: 51288)
- **Schedule:** Day-Ahead, Physical

Product 1a: Martinsville Fixed Load Shape for CY 2020												
	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
7x24	8.4	7.2	6.7	3.3	1.6	5.4	6.1	6.5	4.5	2.1	4.1	6.6
7x8	-	2.7	-	-	-	-	-	-	-	-	-	-
5x16	0.8	0.9	1.0	3.2	3.3	3.4	5.0	4.3	3.7	1.9	0.8	2.5
2x16	1.7	-	3.9	3.9	4.1	3.2	3.4	3.5	4.1	2.7	2.6	2.5

Product 1b: Martinsville Fixed Load Shape for CY 2021												
	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
7x24	7.8	8.8	6.0	3.4	1.7	5.2	6.1	6.3	4.1	2.2	4.2	6.4
7x8	0.9	2.2	-	-	-	-	-	-	-	-	-	-
5x16	2.1	0.1	2.8	2.8	3.3	4.4	5.4	4.6	1.3	1.6	4.5	1.7
2x16	-	-	2.7	2.9	3.8	2.2	3.2	3.6	2.8	2.3	3.1	2.4

\*Price each calendar year separately

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### **Product 2: Fixed Load Shape for the City of Richlands**

- **Terms:**
  - a) January 1, 2020 - December 31, 2020 (1 Year)
  - b) January 1, 2021 - December 31, 2021 (1 Year)
- **Delivery Locations:**
  - AEP-Dayton Hub (Pnode: 34497127)
  - Blue Ridge Aggregate (Pnode: 35024709)
  - PJM Western Hub (Pnode: 51288)
- **Schedule:** Day-Ahead, Physical

Product 2a: Richlands Fixed Load Shape for CY 2020												
	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
7x24	4.8	3.7	3.5	1.7	-	0.6	0.4	0.7	0.7	0.8	2.2	3.5
7x8	0.8	1.9	0.1	-	-	-	-	-	-	-	0.7	-
5x16	0.3	1.0	-	0.4	0.8	0.6	1.1	0.9	1.2	0.5	-	0.5
2x16	-	-	0.8	0.9	1.7	0.6	0.8	1.1	1.2	0.9	1.3	0.9

Product 2b: Richlands Fixed Load Shape for CY 2021												
	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
7x24	3.5	4.4	3.6	1.6	-	0.6	0.4	0.7	0.7	0.8	2.4	3.4
7x8	2.0	1.5	-	-	-	-	-	-	-	-	0.5	-
5x16	2.5	0.6	0.1	0.9	1.0	0.8	1.2	1.0	1.4	0.5	-	0.6
2x16	-	-	0.8	0.8	1.4	0.5	0.8	1.1	1.0	0.9	0.3	0.9

\*Price each calendar year separately

### **Product 3: Load Following for the City of Martinsville**

- **Product:** Energy-only, load following product excluding block/resource guarantees shown in Appendix A
- **Terms:**
  - a) January 1, 2020 - December 31, 2020 (1 Year)
  - b) January 1, 2021 - December 31, 2021 (1 Year)
- **Delivery Locations:**
  - AEP-Dayton Hub (Pnode: 34497127)
  - Blue Ridge Aggregate (Pnode: 35024709)
  - PJM Western Hub (Pnode: 51288)
- **Scheduling Services:** Load following entity would provide day-ahead load forecasting, demand bids, and scheduling services

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### **Product 4: Load Following for the Town of Richlands**

- **Product:** Energy-only, load following product excluding block/resource guarantees shown in Appendix B
- **Terms:**
  - a) January 1, 2020 - December 31, 2020 (1 Year)
  - b) January 1, 2021 - December 31, 2021 (1 Year)
- **Delivery Locations:**
  - AEP-Dayton Hub (*Pnode: 34497127*)
  - Blue Ridge Aggregate (*Pnode: 35024709*)
  - PJM Western Hub (*Pnode: 51288*)
- **Scheduling Services:** Load following entity would provide day-ahead load forecasting, demand bids, and scheduling services

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## Fall 2018 Block Energy RFP Term Sheet Appendix A – City of Martinsville Guarantees

### City of Martinsville Load Block Guarantees [MW]:

#### 2020 Carve-out Guarantees:

	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
7x24	9.7	9.5	9.1	9.4	9.9	10.1	10.4	10.0	9.8	10.1	10.3	9.9
5x16	5.1	5.1	-	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
2x16	-	5.1	-	-	-	5.1	5.1	5.1	-	-	-	-

#### 2021 Carve-out Guarantees:

	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
7x24	9.7	9.5	9.1	9.4	9.9	10.1	10.4	10.0	9.8	10.1	10.3	9.9
5x16	5.1	5.1	-	5.1	5.1	5.1	5.1	5.1	5.1	5.1	-	5.1
2x16	5.1	5.1	-	-	5.1	5.1	5.1	5.1	5.1	5.1	-	5.1

### City of Martinsville SEPA Carve-out Guarantees (2020-2021):

	Capacity [MW]	Scheduled HE [EST]	
Jan	1.6	8-9	(2 Hours)
Feb	1.6	8-9	(2 Hours)
Mar	1.6	8-9	(2 Hours)
Apr	1.6	7-8	(2 Hours)
May	1.6	17-18	(2 Hours)
Jun	1.6	16-18	(3 Hours)
Jul	1.6	16-18	(3 Hours)
Aug	1.6	16-18	(3 Hours)
Sep	1.6	16-18	(3 Hours)
Oct	1.6	17-18	(2 Hours)
Nov	1.6	8, 18	(2 Hours)
Dec	1.6	8, 18	(2 Hours)

\* HE = Hours Ending

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## Fall 2018 Block Energy RFP Term Sheet

### Appendix B – Town of Richlands Guarantees

#### Town of Richlands Load Block Guarantees [MW]:

2020 Carve-out Guarantees:

	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
7x24	3.8	3.7	3.6	3.7	3.9	4.0	4.1	3.9	3.8	4.0	4.0	3.9
5x16	1.9	1.9	-	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2x16	-	1.9	-	-	-	1.9	1.9	1.9	-	-	-	-

2021 Carve-out Guarantees:

	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
7x24	3.8	3.7	3.6	3.7	3.9	4.0	4.1	3.9	3.8	4.0	4.0	3.9
5x16	1.9	1.9	-	1.9	1.9	1.9	1.9	1.9	1.9	1.9	-	1.9
2x16	1.9	1.9	-	-	1.9	1.9	1.9	1.9	1.9	1.9	-	1.9

#### Town of Richlands SEPA Carve-out Guarantees (2020-2021):

	Capacity [MW]	Scheduled HE [EST]	
Jan	0.5	8-9	(2 Hours)
Feb	0.5	8-9	(2 Hours)
Mar	0.5	8-9	(2 Hours)
Apr	0.5	7-8	(2 Hours)
May	0.5	17-18	(2 Hours)
Jun	0.5	16-18	(3 Hours)
Jul	0.5	16-18	(3 Hours)
Aug	0.5	16-18	(3 Hours)
Sep	0.5	16-18	(3 Hours)
Oct	0.5	17-18	(2 Hours)
Nov	0.5	8, 18	(2 Hours)
Dec	0.5	8, 18	(2 Hours)

\* HE = Hours Ending