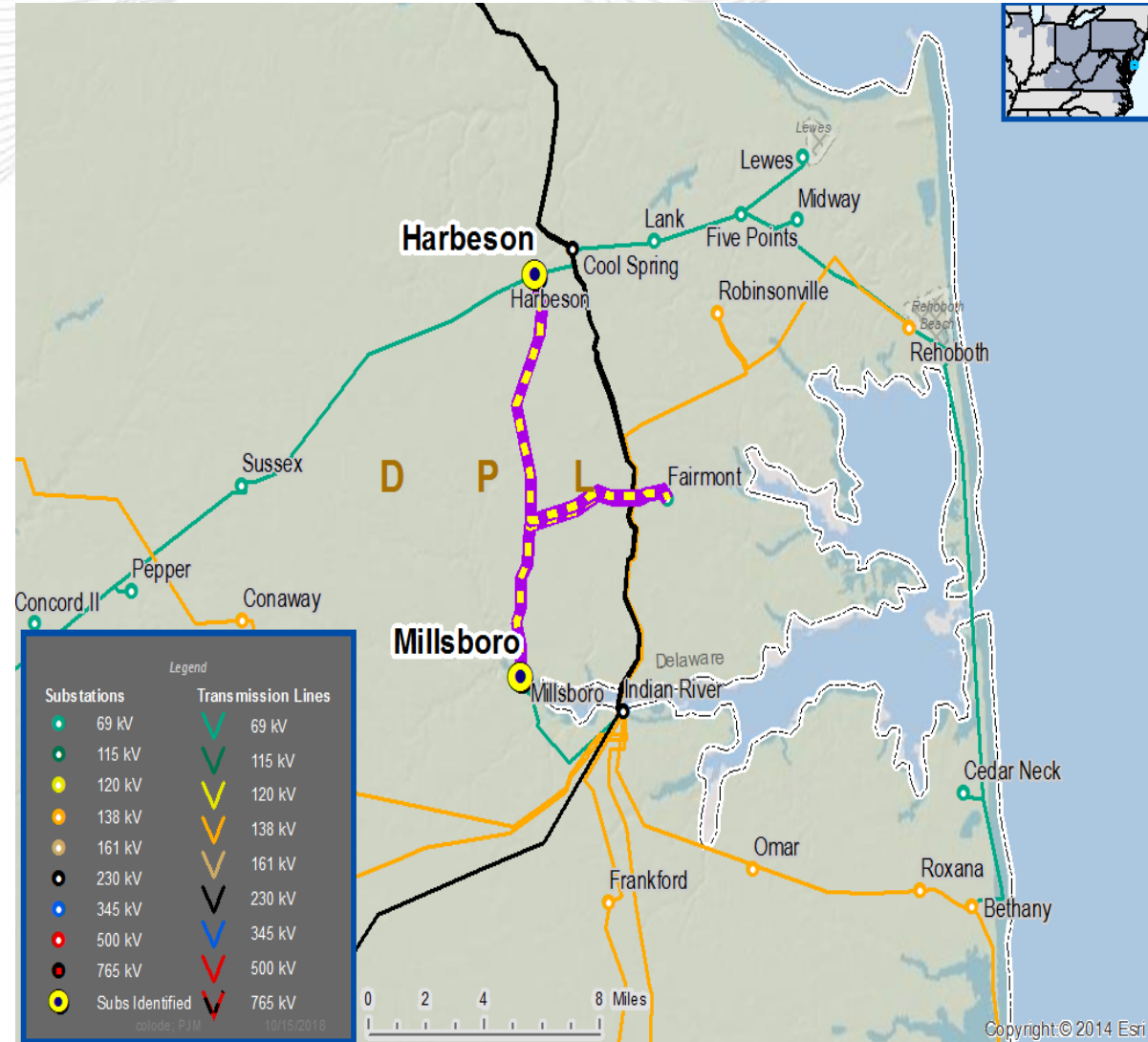




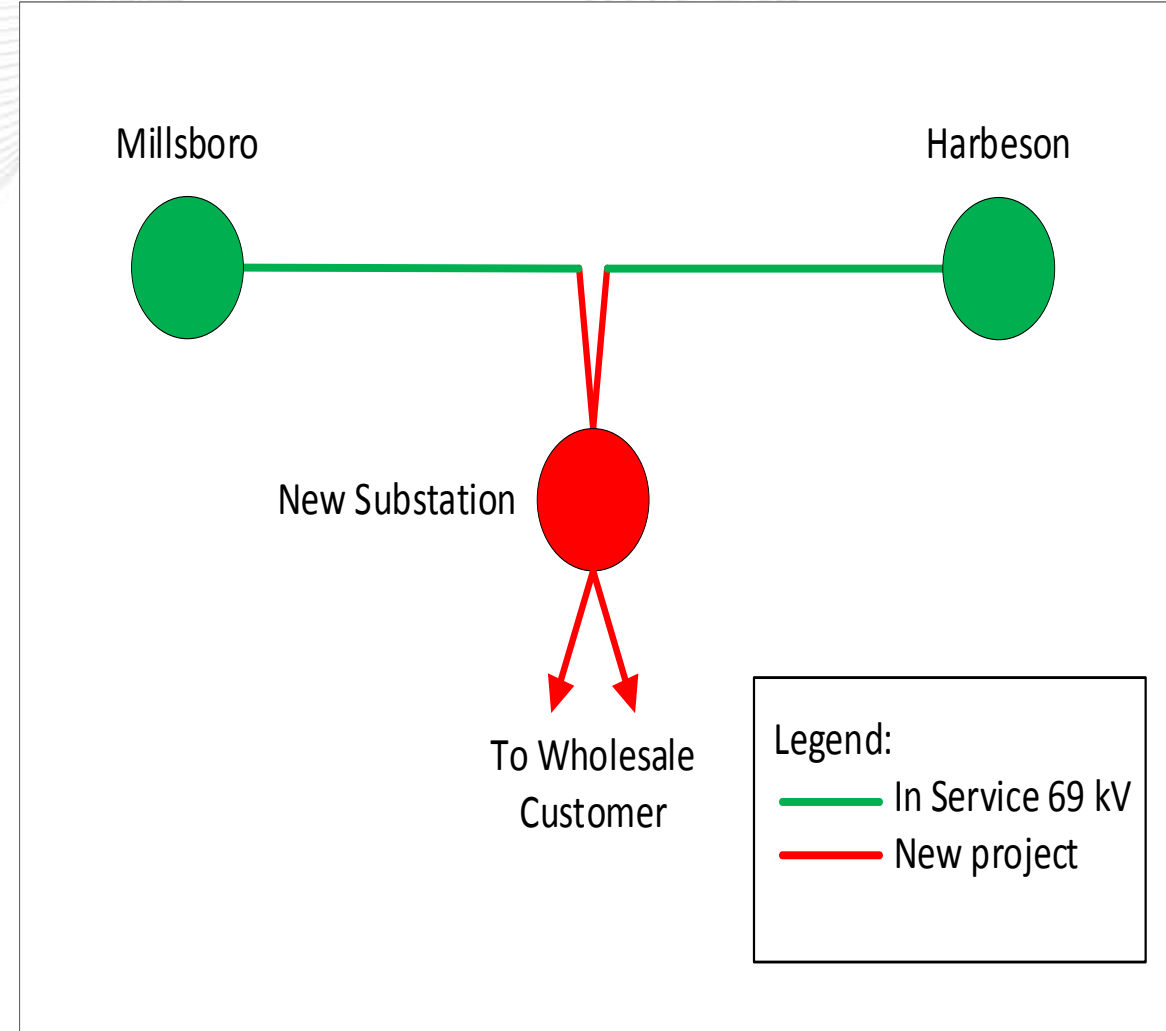
Sub Regional RTEP Committee Mid-Atlantic - PHI Solution Meeting

December 7, 2018

- Need Number: DPL-2018-0001
 - Need Presented: 10/29/2018
 - Meeting Date: 12/7/2018
 - Process Stage: Solution
 - Supplemental Project Driver: Customer Request
-
- Problem Statement:
 - Customer has requested a new 69 kV interconnection point off the Harbeson – Millsboro 69kV line due to deteriorating infrastructure at existing tap and load growth within the cooperative.
-
- Specific Assumption References:
 - SRRTEP Assumptions presentation from January 26, 2018
 - New transmission customer connections



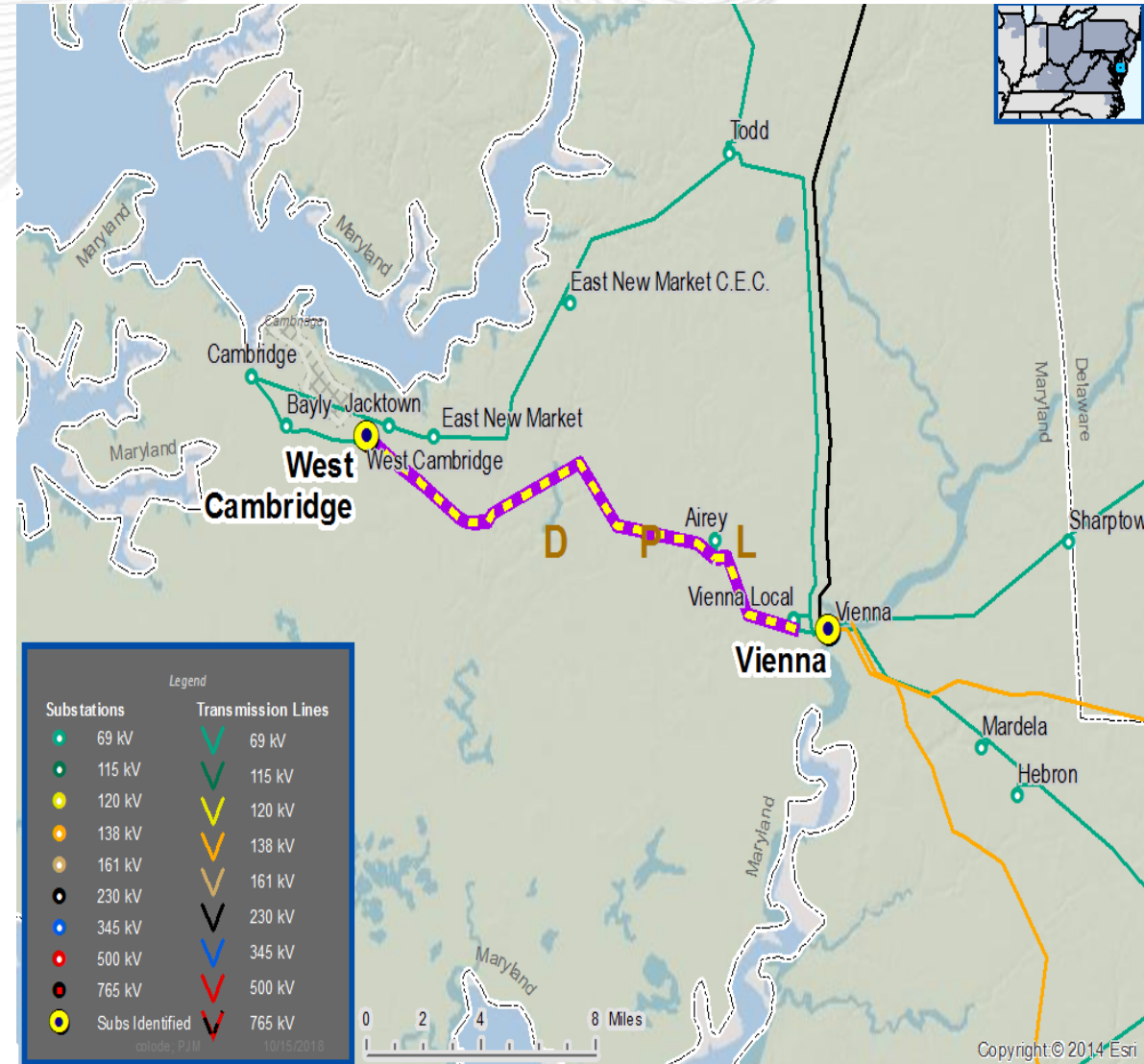
- Need Number: DPL-2018-0001
- Proposed Solution:
 - Construct a new 4-breaker 69 kV Ring Bus near existing tap location on land provided by customer
 - Estimated Cost: \$6.5M
 - Projected In-Service Date: 12/31/2020
- TO Alternatives Considered:
 - Alternative 1
 - Replace equipment at existing tap
 - Does not provide adequate protection and is not up to current design standards
 - Does not provide second source requested by customer



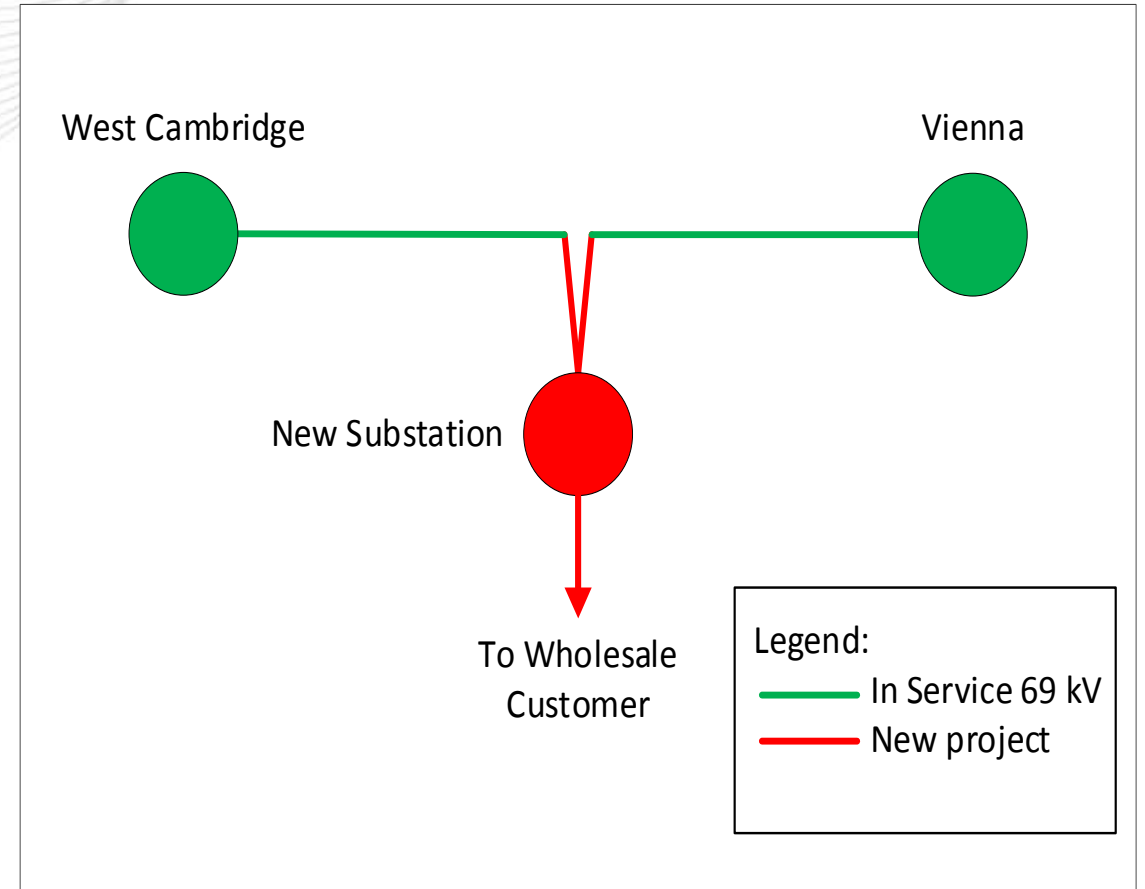
- Need Number: DPL-2018-0003
- Need Presented: 10/29/2018
- Meeting Date: 12/7/2018
- Process Stage: Solution
- Supplemental Project Driver: Customer Request

- Problem Statement:
 - Customer has requested a new point of interconnection between DPL's West Cambridge and Vienna 69kV Substations to address reliability concerns.

- Specific Assumption References:
 - SRRTEP Assumptions presentation from January 26, 2018
 - New transmission customer connections



- Need Number: DPL-2018-0003
- **Proposed Solution:**
- Construct a new 3-breaker 69 kV Ring Bus tying into the West Cambridge to Vienna 69 kV line
 - Estimated Cost: \$6.1M
 - Projected In-Service Date: 5/31/2022
- **TO Alternatives Considered:**
- No Alternatives considered
 - Proposed solution requested specifically by customer for their needs





Revision History

11/26/2018 – V1 – Original version posted to pjm.com

3/5/2019– V2 – On Slide #3 bubble diagram replaced