

| D Task Name | Baseline Finish | Finish | Finish Variance 200 | 9 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 1 |
|---|---------------------------|------------------------------|---------------------|--|
| Construction Phase | NA | Thu 8/14/14 | 0 days | Vision Phase 1111111 |
| 345kV TRANSMISSION LINE 67-68 OH BY-PASS PROJECT | NA | Wed 6/13/12 | 0 days | ♥345kV, TRANS ISSION LINE 67-68 OH BY PASS PROJECT |
| 345kV TRANSMISSION LINE 67-68 OH BY-PASS PROJECT | Tue 10/29/13 | Wed 6/13/12 | -359 days | |
| PLANNING | Fri 5/4/12 | Thu 11/17/11 | -121 days | |
| PROJECT PLANNING COMPLETED | NA Tieratus | Tue 11/15/11 | 0 days | 11/15 ♦ PROJECT PLANNING COMPLETED |
| ESTIMATES PROJECT FETIMATESCOMPLETED | Fri 2/24/12 | Mon 11/21/11 | -69 days | 44/46 A DROJECT ESTIMATESCOMPLETED |
| PROJECT ESTIMATESCOMPLETED SCHEDULES | Fri 2/24/12 Wed 1/4/12 | Wed 11/16/11 Wed 11/23/11 | -72 days | 11/16 ♦ RROJECT ESTIMATESCOMPLETED |
| PROJECT SCHEDULES COMPLETED | Wed 1/4/12 Wed 1/4/12 | Wed 11/23/11 Wed 11/23/11 | -30 days | 11/23 PROJECT SCHEDULES COMPLETED |
| FUNDING | Fri 2/10/12 | Thu 3/15/12 | 24 days | 11/23 TROSECT 30 IEDULES COMFLETED |
| PROJECT FUNDING SECURED | NA | Thu 3/15/12 | 0 days | 3/15 ♦ PROJECT FUNDING SECURED |
| ENGINEERING & DESIGN | Mon 6/3/13 | Fri 3/16/12 | -316 days | 3/19 \$ 1 100225 1 01151110 0 2 5 0 1 2 1 |
| PROJECT ENGINEERING & DESIGN COMPLETED | NA | Fri 3/16/12 | 0 days | 3/16 ♦ PROJECT ENGINEERING & DESIGN COMPLETED |
| PROCUREMENT | Fri 2/8/13 | Fri 4/6/12 | -220 days | |
| PROJECT PROCUREMENT COMPLETED | NA | Fri 3/30/12 | 0 days | 3/30 ♦ PROJECT PROCUREMENT COMPLETED |
| CONSTRUCTABILITY REVIEWS | Fri 1/6/12 | Mon 3/19/12 | 51 days | |
| PROJECT CONSTRUCTABILITY REVIEWS COMPLETED | NA | Mon 3/19/12 | 0 days | 3/19 ♦ PROJECT CONSTRUCTABILITY REVIEWS COMPLETED |
| PURCHASING - BID PROCESS | Mon 4/15/13 | Fri 4/6/12 | -266 days | |
| PROJECT PURCHASE ORDERS COMPLETED | NA | Tue 1/3/12 | 0 days | 1/3 PROJECT PURCHASE ORDERS COMPLETED |
| OUTAGES | Fri 1/13/12 | Mon 11/28/11 | -34 days | |
| PROJECT OUTAGE SCHEDULES COMPLETED | NA | Mon 11/28/11 | 0 days | 11/28 ♦ PROJECT OUTAGE SCHEDULES COMPLETED |
| CONSTRUCTION | Tue 10/29/13 | Mon 5/28/12 | -371 days | |
| PROJECT CONSTRUCTION COMPLETED COMMISSIONING OF BYPASS | NA | Mon 5/28/12 | 0 days | 5/28 ♦ PROJECT CONSTRUCTION COMPLETED |
| COMMISSIONING OF BYPASS | Thu 3/15/12 | Wed 5/30/12 | 54 days | |
| ENERGIZED CLOSE OUT | NA | Wed 5/30/12 | 0 days | 5/30 ♦ ENERGIZED |
| CLOSE OUT | Thu 4/26/12 | Wed 6/13/12 | 34 days | |
| PROJECT CLOSE OUT COMPLETED | NA | Wed 6/13/12 | 0 days | 6/13 ♦ PROJECT CLOSE OUT COMPLETED |
| PROJECT COMPLETED | NA | Wed 6/13/12 | 0 days | 6/13 ♦ PROJECT COMPLETED |
| Snake Hill Substation Project | NA | Fri 2/15/13 | 0 days | Snake Hill Substation Project |
| Snake Hill Substation OH Transmission Tap D374BA 10-2481 | Mon 11/14/11 | Fri 2/15/13 | 362 days | |
| OH Transmission Preliminary Design Completed | Mon 6/14/10 | Mon 6/14/10 | 0 days | 6/14 ♦ OH Transmission Preliminary Design Completed |
| OH Transmission Final Design Completed | Wed 12/15/10 | Wed 12/22/10 | 5 days | 12/22 	OH Transmission Final Design Completed |
| OH Transmission Long Lead Items Ordered Submit Requisition for OH Transmission Construction | Thu 12/30/10 | Mon 2/8/10 | -233 days | 2/8 OH Transmission Long Lead Items Ordered |
| Submit Requisition for OH Transmission Construction | Thu 1/27/11 | Mon 4/5/10 | -213 days | 4/5 ♦ Submit Requisition for OH Transmission Construction |
| P.O. Issued For OH Transmission Construction | Fri 4/29/11 | Wed 5/9/12 | 289 days | ♦ P.O. Issued For OH Transmission Construction |
| Temporary Tap Work for Energizing Station Substation Energized with Temporary Tap | NA | Tue 7/24/12 | 0 days | |
| Substation Energized with Temporary Tap | NA Na | Tue 7/24/12 | 0 days | 7/24 ♦ Substation Energized with Temporary Tap |
| FINAL OH Transmission Complete | Mon 11/14/11 | Fri 2/15/13 | 362 days | ♦ 2/15 FINAL OH Transmission Complete |
| Snake Hill Substation D374BX 10-7130 Substation Preliminary Design (Civil / Electrical) Completed | Fri 2/3/12 Mon 6/21/10 | Wed 8/8/12 Mon 6/21/10 | 157 days 0 days | 6/21 ♦ Substation Preliminary Design (Civil / Electrical) Completed |
| Submit Substation Town / Planning Board Site Plan Package | Tue 6/15/10 | Tue 6/15/10 | 0 days | 6/15 Submit Substation Town / Planning Board Site Plan Package |
| Substation Long Lead Items Ordered | Tue 3/9/10 | Tue 3/9/10 | 0 days | 3/9 Substation Long Lead Items Ordered |
| Substation Long Lead Items Ordered Substation Final Design (Civil / Electrical) Completed | Wed 12/8/10 | Tue 11/9/10 | -21 days | 11/9 Substation Final Design (Civil / Electrical) Completed |
| Substation Town / Planning Board Resolution | Wed 10/13/10 | Thu 11/25/10 | 31 days | 11/25 Substation Town / Planning Board Resolution |
| • | Thu 12/30/10 | Mon 4/11/11 | 72 days | 4/∲1 ♦ Substation Building Permit Secured |
| Substation Building Permit Secured Submit Requisition for Substation / UG Distribution Civil Construction | Thu 12/9/10 | Tue 12/14/10 | 3 days | 12/14 Submit Requisition for Substation / UG Distribution Civil Construction |
| P.O. Issued For Substation / UG Distribution Civil Construction | Wed 3/9/11 | Fri 3/25/11 | 12 days | 3/25 	→ P.O. Issued For Substation / UG Distribution Civil Construction |
| E-HASP Approved For Substation / UG Distribution Civil Construction | Wed 3/16/11 | Wed 4/20/11 | 25 days | 4/20♠ E-HASP Approved For Substation / UG Distribution Civil Construction |
| Site Clearing / Grubbing Completed | Thu 2/24/11 | Fri 5/27/11 | 66 days | 5/27 ♦ Site Clearing / Grubbing Completed |
| Customer Rock Removal / Cuts Completed | Wed 2/2/11 | Mon 8/8/11 | 132 days | ♦ 8/8 ♦ Customer Rock Removal / Cuts Completed |
| Start Substation Civil Construction | Thu 3/17/11 | Mon 8/1/11 | 97 days | Al1 Start Substation Civil Construction |
| Start Substation Electrical Construction | Mon 6/27/11 | Mon 2/27/12 | 186 days | ♦ 2/27 ♦ Start Substation Electrical Construction |
| Start Substation Final Checkout | Fri 11/4/11 | Mon 6/11/12 | 184 days | ♦ 6/11 ♦ Start Substation Final Checkout |
| Substation Energized | Thu 1/5/12 | Tue 7/24/12 | 171 days | ♦ 7/24 ♦ Substation Energized |
| Snake Hill Substation UG Dist. Exits D374CX 50-1812 | Fri 11/4/11 | Fri 7/13/12 | 212 days | |
| Task ♦ Project Summary | | Inactive Task | | Duration-only Finish-only |
| ct: PSC - Major Capital Projects M Split External Tasks | | Inactive Milestone | \Diamond | Manual Summary Rollup Progress |
| Wed 1/23/13 Milestone External Mileston | • • | Inactive Summary | | Manual Summary Deadline □ |
| • | • | • | | |
| Summary Baseline Finish | | Manual Task | | Start-only C |



| Task Name | | | | Baseline Finish | Finish | Finish Variance 2 | 009 2010 2 | 011 2012 | 2013 | 2014 2015 | 2016 2017 | 2018 2019 202 |
|--|---------------------------------------|--------------------------|--------------------|-----------------------------|----------------------------|-------------------|---|---|-----------------|--------------------------------|---------------------------|--------------------------------|
| LIG Distribution Proliminary | Design (Civil / Electrica | I) Completed | | Tue 10/12/10 | Man 9/2/40 | | | | | H1 H2 H1 H2 | H1 H2 H1 H2 | H1 H2 H1 H2 H |
| UG Distribution Preliminary E UG Distribution Final Design | | • | | Tue 10/12/10 Tue 1/25/11 | Mon 8/2/10 Mon 1/31/11 | -52 days | | Distribution Preliminary De UG Distribution Final De | | - T | | |
| UG Distribution Long Lead It | · · · · · · · · · · · · · · · · · · · | pieteu | | Wed 1/12/11 | Tue 2/1/11 | 4 days | | UG Distribution Long Le | | | | |
| Start UG Distribution Civil Co | | | | NA | Tue 7/5/11 | 14 days 0 days | 2/1 | 7/5 Start UG Distribution | | | | |
| Submit Requisition for UG D | | lation P O | | Wed 4/20/11 | Tue 4/26/11 | 4 days | 1/2 | , | | bution Cable Installation P.C | | |
| P.O. Issued For UG Distribut | | idiloii i .o. | | Thu 7/28/11 | Fri 12/9/11 | 98 days | 7/2 | | | ibution Cable Installation | | |
| E-HASP Approved For UG D | | lation | | Tue 8/9/11 | Mon 12/19/11 | 98 days | | * * | | G Distribution Cable Installa | tion | |
| Start UG Distribution Cable I | | 1441011 | | Wed 8/10/11 | Tue 3/6/12 | 162 days | | | | | | |
| UG Distribution Complete | nstallation | | | Fri 11/4/11 | Fri 7/13/12 | 212 days | | ♦ 7/13 ♦ UG I | | | | |
| · · | of COIst/ Drooks | r Danlasamant | | | | _ | | ▼Template - Sugarlo | | | | |
| Template - Sugarloa | | r Kepiacement | | NA To 5/0/44 | Fri 5/16/14 | 0 days | | V romplate Gagqija | i ooki bio | and replacement | | |
| Sugarloaf 69kV Breaker Rep | placement | | | Tue 5/6/14 | Tue 5/6/14 | 0 days | | 1111 | • | | | |
| PLANNING | Studies Ossesleted | | | Mon 11/14/11 | Mon 11/14/11 | 0 days | | 0/40 A Milestone Die | | Commission | | |
| Milestone - Planning S | | 4 | | Mon 9/19/11 | Mon 9/19/11 | 0 days | | 9/19 Milestone - Plan | | | | |
| Milestone - Initial Proje | ect Documents Comple | rtea | | Mon 11/14/11 | Mon 11/14/11 | 0 days | | 11/14 🄷 Milestone - In | iliai Project i | Documents Completed | | |
| ESTIMATES | for the Orientate d | | | Wed 6/13/12 | Wed 6/13/12 | 0 days | | 0/40 0 11/1- | | | | |
| Milestone - Project Est | timates Completed | | | Wed 6/13/12 | Wed 6/13/12 | 0 days | | 6/13 Willest | one - Projec | t Estimates Completed | | |
| SCHEDULES Milestone Project Sel | hadula Campleted | | | Fri 10/19/12 | Fri 10/19/12 | 0 days | | 40/40 | /ilooton- D | roject Schodula Camalata I | | |
| Milestone - Project Scl | nedule Completed | | | Fri 10/19/12 | Fri 10/19/12 | 0 days | | 10/19 🔷 N | villestone - Pi | roject Schedule Completed | | |
| FUNDING Milestone Project Ful | Illy Authorized O Assessed | rioted Completed | | Tue 6/26/12 | Tue 6/26/12 | 0 days | | C/40 A BATT- | | M Fully Author: 0 Az | winted Completed | |
| Milestone - Project Ful | | • | | Tue 6/19/12 | Tue 6/19/12 | 0 days | | ' | - | t Fully Authorized & Approp | - I | |
| Milestone - Capital Fu | • • • | eteu | | Tue 6/26/12 | Tue 6/26/12 | 0 days | | b/26 ♦ Miles | one - Capita | al Funding Requests Comple | eted | |
| ENGINEERING & DESIG | | .1 | | Sat 5/18/13 | Sat 5/18/13 | 0 days | | F/O A M'11 | | | | |
| Milestone - Substation | · | ea . | | Tue 5/8/12 | Tue 5/8/12 | 0 days | | | | tion Civil Design Completed | | |
| Milestone - Relay Prot | · | .l. (l | | Sat 5/18/13 | Sat 5/18/13 | 0 days | | | | tone - Relay Protection Com | | |
| Milestone -Substation | | | | Tue 5/22/12 | Tue 5/22/12 | 0 days | | • | | ion Electrical Design Compl | | |
| | | elay Design Completed | | Wed 9/5/12 | Wed 9/5/12 | 0 days | | 9/5 🍑 Mil | lestone - Sub | bstation Major Equipment & | Relay Design Completed | |
| APPROVALS & PERMITS | | | | Fri 9/7/12 | Fri 9/7/12 | 0 days | | | | | 1, . | |
| Milestone - Building Pe | ermit Secured Complet | ed | | Fri 9/7/12 | Fri 9/7/12 | 0 days | | 9/7 🍑 Mi | lestone - Bui | ilding Permit Secured Comp | oleted | |
| PROCUREMENT | | | | Thu 1/31/13 | Thu 1/31/13 | 0 days | | | L | | | |
| Milestone - Substation | | Completed | | Thu 1/31/13 | Thu 1/31/13 | 0 days | | 1/31 | Milestone | - Substation Equipment & | Material Completed | |
| CONSTRUCTABILITY RE | | l . (l | 0.1-1-6 | Thu 4/25/13 | Thu 4/25/13 | 0 days | | | | - Coloradia Florida II | | J |
| Operations | i Electrical Drawings Co | ompleted & Released to S | Substation | Thu 4/25/13 | Thu 4/25/13 | 0 days | | 4/ | 25 🍑 Milesto | one - Substation Electrical L | Drawings Completed & Rele | eased to Substation Operations |
| PURCHASING - BID PRO | OCESS | | | Wed 9/26/12 | Wed 9/26/12 | 0 days | | | | | | |
| Milestone - Substation | Civil Contractor PO A | warded Completed | | Wed 9/26/12 | Wed 9/26/12 | 0 days | | 9/26 🤷 M | ilestone - Su | bstation Civil Contractor PC | Awarded Completed | |
| EH&S | | | | Fri 10/12/12 | Fri 10/12/12 | 0 days | | | | | | |
| Milestone - Substation | Civil EHASP Complete | ed | | Fri 10/12/12 | Fri 10/12/12 | 0 days | | 10/12 🤷 N | lilestone - Su | ubstation Civil EHASP Com | oleted | |
| OUTAGES | • | | | Sun 7/14/13 | Sun 7/14/13 | 0 days | | • | | | | |
| Milestone - All Project | Outages Scheduled | | | Sun 7/14/13 | Sun 7/14/13 | 0 days | | | 7/14 🤷 Mile | estone - All Project Outages | Scheduled | |
| CONSTRUCTION | | | | Fri 5/2/14 | Fri 5/2/14 | 0 days | | | II. * | | | |
| Milestone - Substation | Civil Construction Cor | npleted | | Mon 4/22/13 | Mon 4/22/13 | 0 days | | | 22 🄷 Milesto | one - Substation Civil Const | ruction Completed | |
| Milestone - Substation | | • | | Fri 2/22/13 | Fri 2/22/13 | 0 days | | | | e - Substation Electrical Co | • | |
| Milestone - Electrical (| Construction (O&R) Co | mpleted | | Wed 4/23/14 | Wed 4/23/14 | 0 days | | | 11.7 | 1/23 🤷 Milestone - Electrica | 1 - | pleted |
| Milestone - Station Ch | . , | • | | Wed 4/30/14 | Wed 4/30/14 | 0 days | | | | 4/30 Milestone - Station (| ' ' | |
| Milestone - EHV/Subs | · | ruction Completed | | Fri 5/2/14 | Fri 5/2/14 | 0 days | | |] | 5/2 Milestone - EHV/Sul | • | ction Completed |
| CLOSE OUT | <u> </u> | 1 | | Tue 5/6/14 | Tue 5/6/14 | 0 days | | | | | | . |
| Milestone - Post Proje | ct Analysis Completed | | | Tue 5/6/14 | Tue 5/6/14 | 0 days | | | | 5/6 	Milestone - Post Pro | ject Analysis Completed | |
| Milestone - Civil and E | | pleted | | Thu 5/2/13 | Thu 5/2/13 | 0 days | | | 0/2 A Milest | tone - Civil and Electrical As | 7 1 1 | |
| PROJECT COMPLETE | • | | | Fri 5/16/14 | Fri 5/16/14 | 0 days | | | | 5/16 PROJECT COMPLE | | |
| 17 - 138kV Transmis | ssion Line 29 E | Project | | NA | Thu 8/14/14 | 0 days | □17 - 138kV Tra | ansmission Line 28 Project | | <u> </u> | | |
| 138kV Transmission Line 28 | | | | Tue 5/27/14 | | | | | | | | |
| PLANNING | т тојест - кашаро 10 5 | uyanvai | | | Thu 8/14/14 Wed 2/10/10 | 57 days | | | | | | |
| Milestone 1 - Planning | 1 Studies | | | Wed 9/2/09 Wed 7/29/09 | Wed 2/10/10 Wed 1/6/10 | 115 days | △1/6 | Dhaminan Strebline | | | | |
| Milestone 2 - Initial Pro | , | | | | | 115 days | , , , , , , , , , , , , , , , , , , , | Hraamminggssuutess ? - Initial Project Document | | | | |
| ESTIMATES | ojeci Documents | | | Wed 9/2/09 | Wed 2/10/10 | 115 days | willestone 2 | minai Froject Document | 1 | | | |
| | Estimatos | | | Tue 8/7/12 | Wed 2/17/10 | -644 days | 2/47 A Milester - 3 | R - Project Estimates | | | | |
| Milestone 3 - Project E | sumates | | | Tue 8/7/12 | Wed 2/17/10 | -644 days | ∠/1/ ◆ Milestone 3 | 3 - Project Estimates | | | | |
| | Task | • | Project Summary | | Inactive Task | | Duration-only | Fir | nish-only | ם | | |
| it. I do iviajor dapitar i rojecto ivi | Split | | External Tasks | | Inactive Milestone | \Diamond | Manual Summary Rollu | p Pro | ogress | | | |
| Wed 1/23/13 | Milestone | ♦ | External Milestone | ♦ | Inactive Summary | | Manual Summary | De De | eadline | $\hat{\mathbf{T}}$ | | |
| | | | | | | | | | | | | |



| | | | | | | | | | | | 1 | 1 | |
|--|---------------------------|--------------------------|-----------------|-----------------------------|---|--------------------|--|-----------------------------|--------------------|--------------------------------|-------------------------------|--------------------------|------------|
| ID Task Name | | | | Baseline Finish | Finish | Finish Variance 20 | 009 2010 2 H1 H2 H1 H2 | 2011 2012 H1 H2 H1 H2 | 2013 H1 H2 | 2014 2015 H1 H2 H1 H2 | 2016 2017 H1 H2 H1 H2 | 2018 2019 H1 H2 H1 H2 | 2020 H1 |
| 19 SCHEDULES | | | | Wed 9/23/09 | Tue 10/30/12 | 809 days | | | | | | | |
| 20 Milestone 4- Project S | Schedule | | | Wed 9/23/09 | Tue 10/30/12 | 809 days | • | 10/30 🄷 | Nilestone 4- | Project Schedule | | | |
| 25 FUNDING | | | | Thu 3/22/12 | Tue 11/20/12 | 173 days | | | | | | | |
| , | t Fully Authorized & App | propriated | | Thu 3/15/12 | Tue 11/20/12 | 178 days | | ' | | - Project Fully Authorized & | Appropriated | | |
| 32 Milestone 6- Capital F | Funding Requests | | | Thu 3/22/12 | Mon 12/19/11 | -68 days | | 12/19 🤷 Milestone 6 | Capital Fund | ding Requests | | | |
| 38 ENGINEERING & DESIG | IGN | | | Wed 12/4/13 | Fri 3/11/11 | -715 days | | | | | | | |
| 39 Milestone 7 - OH Trai | ansmission Design | | | Wed 1/16/13 | Fri 3/11/11 | -484 days | 3/11 | Milestone 7 - OH Trans | nission Des | sign | | | |
| 45 APPROVALS & PERMIT | TS | | | Thu 3/28/13 | Fri 1/28/11 | -565 days | | | | | | | |
| 46 Milestone 8 - Municip | pal Approvals-PSC | | | Wed 11/21/12 | Fri 1/28/11 | -473 days | 1/28 | Milestone 8 - Municipal | Approvals-PS | sc | | | |
| 55 PROCUREMENT | | | | Wed 2/26/14 | Mon 2/11/13 | -274 days | | | ' | | | | |
| | ansmission Equipment 8 | & Material Procured | | Wed 5/8/13 | Mon 2/11/13 | -62 days | | 2/11 | Milestone | e 9 - OH Transmission Equi | pment & Material Procured | | |
| | | /IEWS/PURCHASING - BI | ID PROCESS/P.O. | Wed 1/1/14 | Thu 4/11/13 | -191 days | | | | | | | |
| | ansmission Civil Bid Pac | | | NA NA | Fri 1/4/13 | 0 days | | 1/4 | Milestone | 10-OH Transmission Civil B | id Package | | |
| | ansmission Structure B | | | NA NA | Thu 4/11/13 | 0 days | | | ri . | one 11- OH Transmission S | | | |
| | ansmission Electrical Bi | | | NA NA | Thu 4/11/13 | 0 days | | | | one 12- OH Transmission El | | | |
| 92 CONSTRUCTION | a Electrical Di | .a. aunugu | | Thu 2/27/14 | Thu 4/11/13 | 120 days | | 4/ | WINESIG | One is on manadilission El | Journal Blu I ackage | | |
| | ransmission Construction | on Civil Make Ready Phas | 90 | NA | Tue 10/1/13 | 0 days | | | | | | | |
| | ransmission Construction | | 36 | | | | | | | 9/14 A Milestone 44 C | U Transmission Canatrus | ion Civil On Call Phase | |
| | | | | NA NA | Thu 8/14/14 | 0 days | | | 40/00 ^ | | OH Transmission Construct | | |
| | ransmission Construction | | | | Tue 10/29/13 | 0 days | | | 10/29 | Milestone 15 - OH Transmi | SSION CONSTRUCTION STRUCTU | iidi riidse | |
| | ransmission Construction | on Electrical Phase | | NA Tue 2/4/44 | Wed 7/2/14 | 0 days | | | | | | | |
| 101 COMMISSIONING OF L | | | | Tue 3/4/14 | Mon 6/30/14 | 83 days | | | | 0.000 0.000 | | | |
| 102 Milestone 17 - Transr | smission Line Checks | | | Tue 3/4/14 | Thu 6/26/14 | 82 days | | | | 6/26 Milestone 17 - Tra | insmission Line Checks | | |
| 106 ENERGIZED | | | | Tue 5/27/14 | Mon 6/30/14 | 23 days | | | | 6/30 ENERGIZED | | | |
| 107 CLOSE OUT | | | | Tue 3/18/14 | Thu 7/31/14 | 97 days | | | | | | | |
| 108 Milestone 18- Post Pi | | | | Thu 3/6/14 | Fri 7/11/14 | 91 days | | | | 7/11 ♦ Milestone 18- Pos | | | |
| | ture/Civil and Electrical | As Builts | | Tue 3/18/14 | Thu 7/31/14 | 97 days | | | | 7/31 ♦ Milestone 19 - St | tructure/Civil and Electrical | l As Builts | |
| Design - Permittin | g Phase | | | NA | Mon 8/3/15 | 0 days | Design - Permitting | g Phase | | | | | |
| 1 Shoreline Stabilizat | | | | NA | Thu 12/12/13 | 0 days | | Shoreline | Stabilization | TL 311 | | | |
| 1 Shoreline Stabilization - TL | | | | NA | Wed 12/11/13 | 0 days | | | | | | | |
| | . 011 | | | NA NA | | | | | 10/2 🛦 | Pormite | | | |
| 2 Permits | | | | | Thu 10/3/13 | 0 days | | 0.00 | 10/3 ♦ | | | | |
| 7 Purchasing | val. | | | NA | Thu 2/28/13 | 0 days | | 2/28 | Purchas | - | _ | | |
| 18 Road Access & Site Wor | | | | NA | Wed 12/11/13 | 0 days | | | II | Road Access & Site Work | | | |
| 66 PROJECT CLOSE OUT PR | | | | NA | Thu 12/12/13 | 0 days | 49 11-41 - 5 - 10 | Substation Builder | 12/12 < | PROJECT CLOSE OUT P | ROCESS COMPLETED | | |
| 2 13 - Hartley Road S | | ect | | NA | Wed 7/16/14 | 0 days | □13 - Hartley Road S | substation Project | | | | | |
| 1 13 - Hartley Substation Proj | pject | | | Tue 5/27/14 | Wed 7/16/14 | 35.79 days | | | | | | | |
| 2 PLANNING | | | | Wed 9/2/09 | Wed 9/2/09 | 0 days | | | | | | | |
| 3 Milestone 1 - Plannin | • | | | Wed 7/29/09 | Wed 7/29/09 | 0 days | 7/29 	Milestone 1 - Plan | | | | | | |
| 8 Milestone 2 - Initial P | Project Documents | | | Wed 9/2/09 | Wed 9/2/09 | 0 days | 9/2 🤷 Milestone 2 - Init | tial Project Documents | | | | | |
| 12 ESTIMATES | | | | Tue 8/7/12 | Mon 12/30/13 | 363.79 days | | | | | | | |
| 13 Milestone 3 - Project | t Estimates | | | Tue 8/7/12 | Mon 12/30/13 | 363.79 days | | ♦ | 12/30 | Milestone 3 - Project Est | imates | | |
| 17 SCHEDULES | | | | Wed 9/23/09 | Tue 3/5/13 | 899 days | | | | | | | |
| 18 Milestone 4 - Project | t Schedule | | | Wed 9/23/09 | Tue 3/5/13 | 899 days | ♦ | 3/9 | Milestor | ne 4 - Project Schedule | | | |
| 22 FUNDING | | | | Thu 3/22/12 | Mon 1/6/14 | 466.79 days | | | | | | | |
| 23 Milestone 5 - Project | t Fully Authorized & App | propriated | | Thu 3/15/12 | Fri 12/21/12 | 200.5 days | | ♦ 12/21 | Milestone 5 | 5 - Project Fully Authorized | & Appropriated | | |
| 27 Milestone 6 - Capital | | | | Thu 3/22/12 | Mon 1/6/14 | 466.79 days | | • | 11 | Milestone 6 - Capital Fur | | | |
| 32 ENGINEERING & DESIG | <u> </u> | | | Wed 12/4/13 | Mon 12/9/13 | 2.79 days | | | | | | | |
| 33 Milestone 7 - UG Dist | | | | Wed 1/2/13 | Mon 3/18/13 | 53 days | | 3/1 | Milesto | ne 7 - UG Distribution Civil I | Design | | |
| | stribution Electrical Des | ian | | Wed 6/5/13 | Fri 4/5/13 | -43 days | | 4 | TI * | one 8 - UG Distribution Elec | | | |
| 45 Milestone 9 - OH Trai | | <u> </u> | | Wed 1/16/13 | Fri 4/19/13 | 67 days | | 41 | * * | one 9 - OH Transmission De | • | | |
| 51 Milestone 10 - Substa | | | | Tue 9/11/12 | Fri 12/28/12 | 78 days | | 12/28 | 11 * | 10 - Substation Civil Design | - | | |
| | ation Electrical Design | | | Tue 9/11/12 | Mon 12/9/13 | 323.79 days | | 12.40 | 11 | Milestone 11 -Substation | | | |
| | ation Major Equipment & | & Relay Design | | Wed 12/4/13 | Mon 12/9/13 | 2.79 days | | | 12/3 | -Substation | Electrical Design | | |
| | | A Molay Design | | | Mon 6/30/14 | | | | | | | | |
| 99 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | Thu 3/28/13 | | 327 days | 2/40 A Milester | 12 Environmental Studie | <u></u> | | | | |
| 82 APPROVALS & PERMIT | onnental Studies | | | Thu 3/18/10 Wed 11/21/12 | Thu 3/18/10 Mon 6/30/14 | 0 days | o/ to 🔷 Willestone | e 13 - Environmental Studie | 3 | 6/30 	Milestone 14 - Mu | nicinal Annroyale | | |
| 83 Milestone 13 - Enviro | sinal Approvale | | | Weu 11/21/12 | WOT 0/30/14 | 418 days | | • | 11 | o/30 ♥ Willestone 14 - Mu | incipai Approvais | | |
| 83 Milestone 13 - Enviro | cipal Approvals | | | | Inactive Task | | Duration-only | Fi | inish-only | _ | | | |
| 83 Milestone 13 - Enviro | cipal Approvals Task | * | Project Summary | • | | | | | | | | | |
| 83 Milestone 13 - Enviro 88 Milestone 14 - Munici | | ♦ | E tour d'Engle | | Inactive Milestone | \Diamond | Manual Summary Rollu | up P | rogress | | | | |
| 83 Milestone 13 - Enviro 88 Milestone 14 - Munici Project: PSC - Major Capital Projects M | Task Split | | External Tasks | * | | ♦ | • | • | - | Û | - | | |
| 83 Milestone 13 - Enviro | Task | • | E tour d'Engle | * | Inactive Milestone Inactive Summary Manual Task | \$ | Manual Summary Rollu Manual Summary Start-only | • | rogress eadline | \$ | - | | |



| ID Task Name | | | | Baseline Finish | Finish | Finish Variance 20 | | 2011 2012 1 H1 H2 H1 H2 | | 2014 2015 | 2016 2017 | 2018 2019 | 2020 |
|--|-----------------------------|--------------------------|---------------------|-----------------------------|---------------------------|------------------------|----------------------|-----------------------------|---------------------------|---------------------------------|-------------------------------|-----------------------------|----------------|
| 113 Milestone 15 - Buildir | ng Permit Secured | | | Mon 3/4/13 | Tue 3/5/13 | 1 day | H1 H2 H1 H2 | | | e 15 - Building Permit Secu | | HI HZ HI HZ | H1 H2 |
| 121 Milestone 16 - UG Ro | oad Opening Permits Sec | cured | | Mon 7/27/09 | Fri 5/17/13 | 995 days | ♦ | 5 | /17 🄷 Milest | one 16 - UG Road Opening | Permits Secured | | |
| 124 PROCUREMENT | | | | Wed 2/26/14 | Mon 6/16/14 | 77.5 days | | | | | | | |
| 125 Milestone 17 - UG Di | stribution Equipment & M | Material Procured | | Wed 10/23/13 | Fri 2/28/14 | 92 days | | | 2/28 | Milestone 17 - UG Dist | ribution Equipment & Mate | rial Procured | |
| 140 Milestone 18 - OH Tr | ansmission Equipment & | Material Procured | | Wed 5/8/13 | Mon 6/16/14 | 287.5 days | | | | 6/16 Milestone 18 - OH | Transmission Equipment & | Material Procured | |
| 149 Milestone 19- Substa | ition Equipment & Materia | al | | NA | Mon 6/16/14 | 0 days | | | | 6/16 🌢 Milestone 19- Sub | station Equipment & Materi | al | |
| 177 BID PACKAGES & CON | ISTRUCTABILITY REVIE | EWS | | Wed 1/1/14 | Mon 1/6/14 | 2.79 days | | | | | | | |
| 178 Milestone 20 - UG Di | stribution Civil Bid Packa | age Completed & Releas | ed to Purchasing | Mon 1/28/13 | Fri 4/19/13 | 59 days | | 4/1 | 19 🔷 Milesto | ne 20 - UG Distribution Civ | il Bid Package Completed 8 | Released to Purchasing | |
| 183 Milestone 21 - UG Di | stribution Electrical Bid P | Package Completed & Ro | eleased to | Mon 7/1/13 | Wed 9/4/13 | 47 days | | | 9/ ♦ ♦ M | ilestone 21 - UG Distributio | n Electrical Bid Package Co | mpleted & Released to Pur | rchasing |
| 188 Milestone 22 - OH Tr | ansmission Bid Package | Completed & Released | to Purchasing | Mon 2/11/13 | Wed 8/7/13 | 127 days | | | ♦ 8/7 ♦ Mil | estone 22 - OH Transmissi | on Bid Package Completed | & Released to Purchasing | |
| 193 Milestone 23 -Civil Co) Completed & Release | ontractor PO - TREE/CLE | EARING (Soil erosion ar | nd sediment control | Fri 7/27/12 | Wed 11/28/12 | 88 days | | 11/28 🔷 | Milestone 23 | -Civil Contractor PO - TRE | E/CLEARING (Soil erosion | and sediment control) Com | npleted & Rele |
| | tion Civil Contractor PO | Completed & Released | to Purchasing | NA | Wed 11/28/12 | 0 days | | 11/28 🄷 | Milestone 24 | -Substation Civil Contract | or PO Completed & Release | ed to Purchasing | |
| 202 Milestone 25 - Substa Operations | ation Electrical Drawings | Completed & Released | to Substation | Wed 1/1/14 | Mon 1/6/14 | 2.79 days | | | 1/6 < | Milestone 25 - Substatio | n Electrical Drawings Comp | eted & Released to Substa | ation Operatio |
| 207 PURCHASING - BID PR | OCESS | | | Fri 9/20/13 | Tue 1/21/14 | 87 days | | | | | | | |
| | stribution Civil PO Award | ded | | Fri 4/19/13 | Fri 9/13/13 | 105 days | | | 9/13 ♠ M | ilestone 26 - UG Distribution | on Civil PO Awarded | | |
| | stribution Electrical PO Av | | | Fri 9/20/13 | Tue 11/26/13 | 47 days | | | | | tion Electrical PO Awarded | | |
| | ansmission PO Awarded | 1 | | Fri 7/26/13 | Tue 1/21/14 | 127 days | | | | Milestone 28 - OH Trans | | | |
| 298 Milestone 29- Civil Co | ontractor PO TREE/CLE | EARING (Soil erosion and | d sediment control | Fri 9/20/13 | Tue 2/19/13 | -153 days | | 2/19 | Milestone | 29- Civil Contractor PO T | REE/CLEARING (Soil erosio | on and sediment control) A | warded |
| 329 Milestone 30 - Substa | ation Civil Contractor PO | Awarded | | NA | Tue 2/19/13 | 0 days | | 2/19 | Milestone | 30 - Substation Civil Cont | ractor PO Awarded | | |
| 360 EH&S | | | | Fri 8/30/13 | Wed 2/19/14 | 123 days | | | | | | | |
| 361 Milestone 31 - All EH | ASPs Initially Reviewed | & Approved by EH&S | | Fri 8/30/13 | Wed 2/19/14 | 123 days | | | 42/19 | Milestone 31 - All EHA | SPs Initially Reviewed & Ap | proved by EH&S | |
| 383 OUTAGES | | | | Fri 8/7/09 | Fri 5/16/14 | 1245 days | | | | | | | |
| 384 Milestone 32 - All Pro | ject Outages Scheduled | | | Fri 8/7/09 | Fri 5/16/14 | 1245 days | ♦ | | | /16 🧼 Milestone 32 - All P | roject Outages Scheduled | | |
| 389 CONSTRUCTION | | | | Thu 2/27/14 | Fri 6/27/14 | 85.79 days | | | | | | | |
| 390 Milestone 33 - UG Di | stribution Civil Constructi | ion | | Tue 9/3/13 | Tue 4/1/14 | 150 days | | | | 1 🄷 Milestone 33 - UG Di | stribution Civil Construction | n | |
| 399 Milestone 34 - UG Di | stribution Electrical Cons | struction | | Thu 1/2/14 | Mon 6/9/14 | 112 days | | | | ♦6/9 ♦ Milestone 34 - UG | Distribution Electrical Cons | truction | |
| 410 Milestone 35 - OH Tra | ansmission Construction | l | | Tue 12/31/13 | Fri 6/27/14 | 127.79 days | | | | 6/27 🤷 Milestone 35 - OH | Transmission Construction | n | |
| | ation Civil Construction | | | Fri 5/31/13 | Tue 12/3/13 | 132 days | | | | Milestone 36 - Substation | | | |
| 445 Milestone 37 - Substa | ation Electrical Construct | tion | | Thu 2/27/14 | Fri 6/20/14 | 80.79 days | | | | 6/20 Milestone 37 - Sul | ostation Electrical Construc | tion | |
| 497 COMMISSIONING OF S | | | | Tue 3/4/14 | Wed 6/25/14 | 80.79 days | | | | | | | |
| 498 Milestone 38 - Station | n Checks | | | Tue 3/4/14 | Wed 6/25/14 | 80.79 days | | | | 6/25 Milestone 38 - Sta | tion Checks | | |
| 503 ENERGIZED | | | | Tue 5/27/14 | Wed 6/25/14 | 20.79 days | | | | 6/25 ENERGIZED | | | |
| 504 CLOSE OUT | | | | Tue 3/18/14 | Wed 7/16/14 | 85.79 days | | | | | | | |
| 505 Milestone 39 - Post P | • • | | | Thu 3/6/14 | Wed 7/9/14 | 88.79 days | | | | | | | |
| 508 Milestone 40 - Civil a | nd Electrical As Builts | | | Tue 3/18/14 | Wed 7/16/14 | 85.79 days | | | | | vil and Electrical As Builts | | |
| 512 PROJECT COMPLETED | | | | Tue 6/10/14 | Wed 7/16/14 | 25.79 days | | | | 7/16 PROJECT COMP | LETED | | |
| 3 14 - New Hempstea | | • | | NA | Mon 12/1/14 | 0 days | | 14 - New Hempstead SS B | Bank & Switch | igear Project | | | |
| 1 New Hempstead SS Bank 8 | & Switchgear Project - D2 | 258BA - 10-2476; OH - T | 292BX - 40-XXXX; | Tue 6/21/16 | Mon 12/1/14 | -406 days | | | | | | | |
| 2 PLANNING | | | | Tue 2/7/12 | Wed 7/31/13 | 386.68 days | | | | | | | |
| 3 Milestone 1 - Plannin | <u> </u> | | | Wed 1/4/12 | Tue 5/10/11 | -171 days | 5/ | /10 🤷 Milestone 1 - Plannin | 117 | | | | |
| 8 Milestone 2 - Initial P | roject Documents | | | Tue 2/7/12 | Wed 7/31/13 | 386.68 days | | • | 7/31 🄷 Mile | estone 2 - Initial Project Do | cuments | | |
| 12 ESTIMATES | | | | Thu 12/18/14 | Wed 6/13/12 | -657 days | | | l . <u>.</u> . | | | | |
| 13 Milestone 3- Project I | Estimates | | | Thu 12/18/14 | Wed 6/13/12 | -657 days | | 6/13 ♦ Milest | one 3- Projec | π Estimates ♦ | | | |
| 18 SCHEDULES | Cabadula | | | Fri 2/24/12 | Thu 7/11/13 | 359.25 days | | | 7/44 | | | | |
| 19 Milestone 4 - Project | ocnedule | | | Fri 2/24/12 | Thu 7/11/13 | 359.25 days | | | //11 ♦ Mile | stone 4 - Project Schedule | | | |
| 24 FUNDING | Fully Authorized 9 Azzz | aprioted | | Mon 8/4/14 | Mon 1/7/13 | -411 days | | 6/00 A BATT- | tono E Brain | 04 Eully (A) (44 o min o -1 0 A | anriated | | |
| , | Fully Authorized & Appro | upriated | | Mon 7/28/14 | Wed 6/20/12 | -549 days | | • | II - | ct Fully Authorized & Appr | · . | | |
| 30 Milestone 6 - Capital 36 ENGINEERING & DESIG | <u> </u> | | | Mon 8/4/14 | Mon 1/7/13 | -411 days | | 1/7 | winestone (| - Capiter Fulluling Reques | 13 | | |
| 37 Milestone 7 - UG Dist | | | | Fri 2/19/16 Fri 3/20/15 | Thu 8/7/14 Tue 1/29/13 | -401 days -558 days | | 4/00 | Milostona | 7 - UG Distribution Civil De | seign | | |
| | tribution Electrical Design | n | | Fri 3/20/15 Fri 10/16/15 | Tue 1/29/13 Tue 12/10/13 | -558 days | | 1/29 | l Ir | Milestone 8 - UG Distribut | T | | |
| Williestoffe 0 - OG DIS | | | Danie et C | 11110/10/13 | | TOO Gays | Duration ::I | | <u>'</u> | | Liourium pusigii | | |
| | Task | • | Project Summary | | Inactive Task | | Duration-only | | nish-only | <u> </u> | _ | | |
| Project: PSC - Major Capital Projects M | Split | | External Tasks | | Inactive Milestone | \Diamond | Manual Summary Rolls | up Pro | ogress | | - | | |
| Date: Wed 1/23/13 | Milestone | ♦ | External Milestone | ♦ | Inactive Summary | \bigvee | Manual Summary | De De | eadline | $\hat{\mathbf{T}}$ | | | |
| The state of the s | | | | | | _ | | _ | | | | | |
| | Summary | | Baseline Finish | ~ | Manual Task | | Start-only | | | | | | |



| ID Task Name | | | | Baseline Finish | Finish | Finish Variance 2 | 2009 2010 2 | 2011 2012 | 2013 | 2014 2015 | 2016 2017 | 2018 2019 2020 H1 H2 H1 H2 H1 |
|--------------------------------------|-----------------------------|-----------------------------|---------------------|------------------|----------------------------|------------------------|------------------------|---------------------------------------|--|-------------------------------|--|-----------------------------------|
| 49 Milestone 9 - Subst | ation Civil Design | | | Thu 11/27/14 | Mon 3/4/13 | -453 days | ПІ ПІ ПІ ПІ | | | 9 - Substation Civil Design | | HI HZ HI HZ HI |
| 55 Milestone 10 -Subs | tation Electrical Design | | | Thu 11/27/14 | Tue 6/18/13 | -377.3 days | | | 11 ' | tone 10 -Substation Electric | | |
| 61 Milestone 11 - Subs | station Major Equipment | t & Relay Design | | Fri 2/19/16 | Thu 8/7/14 | -401 days | | | | 8/7 ♦ Milestone 11 - Su | ubstation Major Equipment | Relay Design |
| 87 APPROVALS & PERM | IITS | | | Mon 6/15/15 | Mon 6/10/13 | -525 days | | | | | | |
| 88 Milestone 12 - All M | Municipal Approvals | | | Wed 11/21/12 | Mon 6/10/13 | 143 days | | • | €/10 ♦ Milest | one 12 - All Municipal App | rovals | |
| Milestone 13 - SEQ | RA Completed | | | NA | Wed 2/27/13 | 0 days | | 2/27 | 11 * | 13 - SEQRA Completed | | |
| 01 Milestone 14 - Build | ling Permit Secured | | | Wed 5/20/15 | Thu 6/6/13 | -509 days | | | | one 14 - Building Permit Se | | |
| 09 Milestone 15 - UG F | Road Opening Permits S | Secured | | Mon 4/14/14 | Wed 8/8/12 | -439 days | | 8/8 🍑 Mile | estone 15 - UG | Road Opening Permits Se | cured | |
| 13 PROCUREMENT | | | | Fri 5/13/16 | Wed 7/23/14 | -472 days | | | | | | |
| | Distribution Equipment 8 | | | Fri 3/4/16 | Fri 8/23/13 | -660 days | | | 8/23 ♦ Mil | | Equipment & Material Proc | |
| | station Equipment & Mat | | | Fri 5/13/16 | Wed 7/23/14 | -472 days | | | | 7/23 • Milestone 17 - Su | bstation Equipment & Mate | fial |
| | NSTRUCTABILITY REV | | | Fri 3/18/16 | Thu 4/18/13 | -761 days | | | | | | |
| 56 Milestone 18 - UG I | Distribution Civil Bid Pac | ckage Completed & Relea | sed to Purchasing | Wed 4/15/15 | Wed 7/11/12 | -721 days | | 7/11 ♦ Mile : | stone 18 - UG | Distribution Civik Bid Packa | age Completed & Released | o Purchasing |
| Milestone 19 - UG I | Distribution Electrical Bio | d Package Completed & F | Released to | Wed 11/11/15 | Wed 7/11/12 | -871 days | | 7/11 	♦ Mile: | stone 19 - UG | Distribution Electrical Bid | Package Completed & Relea | sed to Purchasing |
| | | e (Including UGD Civil - In | iterconnection) | Wed 3/4/15 | Fri 3/22/13 | -508.5 days | | 3/2 | 2 🄷 Mileston | e 20 - Substation Civil Bid I | Package (Including UGD Civ | il - Interconnection) Completed & |
| | | gs Completed & Released | d to Substation | Fri 3/18/16 | Thu 4/18/13 | -761 days | | 4/ | 18 🄷 Milesto | ne 21 - Substation Electrica | Drawings Completed & Re | leased to Substation Operations |
| 75 PURCHASING - BID P | | | | Tue 2/2/16 | Mon 4/29/13 | -721 days | | | | | | |
| | | arded Completed (Back S | iide) | NA | Fri 9/21/12 | 0 days | | · · · · · · · · · · · · · · · · · · · | 11 1 | | arded Completed (Back Sid | e) |
| | Distribution Electrical PC | <u>'</u> | | Tue 2/2/16 | Fri 9/21/12 | -878 days | | · · · · · · · · · · · · · · · · · · · | | JG Distribution Electrical P | · | |
| | station Civil Contractor F | PO Awarded | | Tue 5/26/15 | Mon 4/29/13 | -541 days | | 4/ | /29 ♦ Milesto | ne 24 - Substation Sivil Co | ntractor PO Awarded | |
| 6 EH&S | | | | Tue 1/12/16 | Fri 5/17/13 | -692 days | | | | | | |
| | HASPs Initially Reviewe | ed & Approved by EH&S | | Tue 1/12/16 | Fri 5/17/13 | -692 days | | 5 | /17 ♦ Milesto | one 25 - All EHASPs Initially | Reviewed & Approved by I | H&S |
| 1 OUTAGES | | | | Fri 1/13/12 | Wed 9/24/14 | 706 days | | | | | | |
| | roject Outages Schedul | ed | | Fri 1/13/12 | Wed 9/24/14 | 706 days | | • | | 9/24 🄷 Milestone 26 - A | All Project Outages Schedu | led |
| 7 CONSTRUCTION | | | | Thu 6/2/16 | Mon 12/1/14 | -393 days | | 1011 | | | | |
| | Distribution Civil Constru | | | Thu 11/19/15 | Tue 12/11/12 | -767 days | | 12/11 🌢 | Milestone 27 | - UG Distribution Civil Cor | | |
| | Distribution Electrical Co | | | Mon 5/16/16 | Wed 10/15/14 | -413 days | | | | <u> </u> | UG Distribution Electrical C | 1 1 |
| | tation Civil Construction | | | Tue 9/8/15 | Wed 11/5/14 | -219 days | | | | | Substation Civil Construct | |
| | tation Electrical Constru | | | NA Thu s/o/as | Mon 12/1/14 | 0 days | | | | | Substation Electrical Cons | |
| 6 COMMISSIONING OF | CTION PROCESS CON | VIPLETED | | Thu 6/2/16 | Wed 10/1/14 | -436 days | | | | 10/19 PROJECT CON | STRUCTION PROCESS CO | JWPLETED |
| 7 Milestone 31- Statio | | | | Tue 6/7/16 | Mon 10/6/14 | -436 days | | | _ | /19 Milestone 31- Statio | n Chaeka Bhasa I | |
| | on Checks - Phase I | | | NA Tue 6/7/16 | Mon 5/19/14 Mon 10/6/14 | 0 days | | | | • | Station Checks - Phase II | |
| ENERGIZED - PHASE | | | | Tue 6/7/16 | Mon 5/19/14 | -436 days | | | | /19 	ENERGIZED - PHAS | The state of the s | |
| 7 ENERGIZED - PHASE | | | | Tue 6/7/16 | Mon 10/6/14 | -536 days -436 days | | | 1 | 10/6 ENERGIZED - I | | |
| ENERGIZED - PHASE | | | | NA | Mon 12/1/14 | 0 days | | | | 12/1 • ENERGIZED | 1 1 | |
| 9 CLOSE OUT PROJEC | | | | Tue 6/21/16 | Mon 10/20/14 | -436 days | | | | | 111/02 111 | |
| 0 Milestone 33- Post | | | | Thu 6/9/16 | Wed 10/15/14 | -431 days | | | | 10/15 	Milestone 33- | Post Project Analysis | |
| | and Electrical As Builts | | | Tue 6/21/16 | Mon 10/20/14 | -436 days | | | | * | Civil and Electrical As Built | |
| B PROJECT CLOSE OUT P | | D | | Tue 6/21/16 | Mon 10/20/14 | -436 days | | | | | OSE OUT PROCESS COMPI | |
| 11 - Little Tor Sub | | | | NA | Mon 8/3/15 | | <u> </u> | 11 - Little Tor Substation F | Project | | | |
| 11 - Little Tor Substation F | | 10-1075: OHT - D387PC | - 10-2139· HGD - D3 | Tue 5/27/14 | Mon 8/3/15 | 0 days 309 days | | | - | • | | |
| PLANNING | 10,000 00 - D001DX - | 10 1070, 0111 - 000700 | 10 2 100, 000 - 00 | Wed 9/2/09 | Tue 2/15/11 | 379 days | | | | | | |
| Milestone 1 - Plann | ina Studies | | | Wed 7/29/09 | Tue 1/11/11 | 379 days | ♦ 1/11 ♦ | Milestone 1 - Planning St | ludies | | | |
| Milestone 2 - Initial | | | | Wed 9/2/09 | Tue 2/15/11 | 379 days | · I | ♦ Milestone 2 - Initial Proj | 11 | s | | |
| ESTIMATES | ., = | | | Tue 8/7/12 | Tue 7/23/13 | 250 days | | |] | - | | |
| Milestone 3 - Project | ct Estimates | | | Tue 8/7/12 | Tue 7/23/13 | 250 days | | | 7/23 🌢 Mile | stone 3 - Project Estimates | | |
| SCHEDULES | | | | Wed 9/23/09 | Fri 11/14/14 | 1343 days | | • | | | | |
| | ct Schedule Completed | | | Wed 9/23/09 | Fri 11/14/14 | 1343 days | ♦ | | | 11/14 🍑 Milestone 4 - | Project Schedule Complete | d |
| FUNDING | , | | | Thu 3/22/12 | Mon 7/15/13 | 342 days | | | | • | | |
| Milestone 5 - Project | ct Fully Authorized & App | propriated | | NA | Fri 11/18/11 | 0 days | | 11/18 🍑 Milestone 5 - | Project Fully | Authorized & Appropriated | | |
| 6 Milestone 6 - Capita | al Funding Requests | | | Thu 3/22/12 | Mon 7/15/13 | 342 days | | • | 7/15 🄷 Mile | stone 6 - Capital Funding R | equests | |
| 1 ENGINEERING & DES | BIGN | | | Wed 12/4/13 | Wed 7/30/14 | 170 days | | | <u> </u> | | | |
| | Task | ♦ | Project Summary | V | Inactive Task | | Duration-only | Fi | nish-only | 3 | | |
| ject: PSC - Major Capital Projects M | Split | | External Tasks | | Inactive Milestone | \Diamond | Manual Summary Rollu | p Pr | rogress | | | |
| | | | E toward Milestons | | Inactive Summary | | Manual Summary | D- | eadline | Φ | | |
| ite: Wed 1/23/13 | Milestone | ~ | External Milestone | | madavo dammary | ~ | wanda Ganinary | ▼ D(| caumic | V | | |



| Task Name | | | | Baseline Finish | Finish | Finish Variance | 2009 2010 : | 2011 | 2012 | 2013 2014 | 2015 | 2016 2017 | 2018 | 2019 2020 |
|---|---------------------------------------|----------------------|--------------------|----------------------------|----------------------------|-----------------|--|-------------|----------|-----------------------------------|--------------------|--------------------------------|-----------------|--------------------|
| 2 Milestone 7- UG Dis | stribution Civil Design | | | Wed 12/4/13 | Wed 10/23/13 | -30 days | H1 H2 H1 H2 | H1 H2 | H1 H2 | H1 H2 H1 H2 10/23 Milestone 7- | | H1 H2 H1 H2 | H1 H2 | H1 H2 H1 |
| | | | | | | -30 days | | | | 11 | | | | |
| | stribution Electrical Design | | | NA | Wed 12/4/13 | 0 days | | | | | | ion Electrical Design | | |
| Milestone 9- OH Tra Milestone 10- Subst | · · · · · · · · · · · · · · · · · · · | | | NA | Wed 11/6/13 | 0 days | | | | 11/6 • Milestone 9- | | | | |
| | | | | NA | Tue 7/2/13 | 0 days | | | | 7/2 Milestone 10- Sub | | | | |
| | ation Electrical Design | | | NA | Tue 7/2/13 | 0 days | | | | 7/2 Milestone 11- Sub | | | | |
| | ation Major Equipment & Rela | ay Design | | NA | Wed 7/30/14 | 0 days | | | | 7/30 ♦ Mil | lestone 12- Su | bstation Major Equipment & | Relay Design | ۱ |
| APPROVALS & PERM | | | | Thu 3/28/13 | Thu 8/21/14 | 366 days | | | | | | | | |
| Milestone 13-All Sul | ostation Permits Secured | | | Mon 7/27/09 | Thu 8/21/14 | 1325 days | ◆ | | | 8/21 ♦ M | ilestone 13-All | Substation Permits Secured | þ | |
| PROCUREMENT | | | | Wed 2/26/14 | Thu 2/19/15 | 256 days | | | | | | | | |
| Milestone 14- UG D | istribution Equipment & Mater | ial Procured | | Wed 2/26/14 | Thu 8/7/14 | 116 days | | | | ◆8/7 ♦ Mi | lestone 14- UC | G Distribution Equipment & № | Material Procu | ured |
| Milestone 15- OH T | ransmission Equipment & Mat | terial Procured | | Wed 10/23/13 | Thu 11/27/14 | 286 days | | | | 11/27 | Milestone 15 | 5- OH Transmission Equipme | ent & Material | Procured |
| Milestone 16- Subst | ation Equipment & Material P | rocured | | Wed 5/8/13 | Thu 2/19/15 | 467 days | | | | 2/1 | 9 🄷 Milestone | e 16- Substation Equipment | & Material Pro | ocured |
| BID PACKAGES & CO | NSTRUCTABILITY REVIEWS | 3 | | Wed 1/1/14 | Wed 8/27/14 | 170 days | | | | | | | | |
| Milestone 17- UG D | istribution Civil Bid Package C | Completed & Release | ed to Purchasing | Mon 1/28/13 | Fri 8/2/13 | 134 days | | | | ♦ 8/2 ♦ Milestone 17- UC | 3 Distribution | Civil Bid Package Completed | d & Released | to Purchasing |
| Milestone 18- UG D | istribution Electrical Bid Packa | age Completed & Re | eleased to | Mon 7/1/13 | Fri 8/2/13 | 24 days | | | | 8/2 Milestone 18- UC | G Distribution | Electrical Bid Package Com | pleted & Rele | ased to Purchasing |
| | ransmission Bid Package Con | npleted & Released | to Purchasing | Mon 2/11/13 | Fri 8/2/13 | 124 days | | | | ♦ 8/2 ♦ Milestone 19- Of | H Transmissio | n Bid Package Completed & | Released to | Purchasing |
| Milestone 20- Subst | ation Civil Bid Package Comp | oleted & Released to | Purchasing | Fri 7/27/12 | Tue 10/8/13 | 313 days | | | • | 10/8 🍑 Milestone 20- | Substation Ci | vil Bid Package Completed & | Released to | Purchasing |
| | ation Electrical Drawings Con | npleted & Released | to Substation | Wed 1/1/14 | Wed 8/27/14 | 170 days | | | | 8/27 ♠ M | lilestone 21- S | ubstation Electrical Drawing | s Completed | & Released to Subs |
| Operations PURCHASING - BID P | ROCESS | | | Fri 9/20/13 | Fri 2/28/14 | 115 days | | | | | | | | |
| Milestone 22- UG D | istribution Civil PO Awarded | | | Fri 4/19/13 | Fri 2/28/14 | 226 days | | | | ♦ 2/28 ♦ Mileston | e 22- UG Distr | ribution Civil PO Awarded | | |
| Milestone 23- UG D | istribution Electrical PO Award | ded | | Fri 9/20/13 | Fri 2/28/14 | 115 days | | | | | e 23- UG Distr | ribution Electrical PO Award | ed | |
| Milestone 24- OH T | ransmission PO Awarded | | | Fri 7/26/13 | Wed 1/15/14 | 124 days | | | | | 24- OH Transı | mission PO Awarded | | |
| Milestone 25- Subst | ation Civil PO Awarded | | | Thu 10/18/12 | Mon 12/30/13 | 313 days | | | • | 12/30 Milestone | 25- Substation | Civil PO Awarded | | |
| EH&S | | | | Fri 8/30/13 | Fri 2/7/14 | 115 days | | | • | II I | | | | |
| Milestone 26- Project | ct Construction EHASP | | | Fri 8/30/13 | Fri 2/7/14 | 115 days | | | | △2/7 Milestone | e 26- Project C | onstruction EHASP | | |
| OUTAGES | | | | Fri 8/7/09 | Mon 3/16/15 | 1462 days | | | | | | | | |
| | oject Outages Scheduled | | | Fri 8/7/09 | Mon 3/16/15 | 1462 days | | | | 3/- | 16 A Mileston | ne 27- All Project Outages So | heduled | |
| Milestone 27- All Pro | ojost Gutagoo Gorioudioa | | | Thu 2/27/14 | Wed 4/22/15 | 299 days | ~ | | | | | | | |
| | istribution Civil Construction | | | Thu 2/27/14 | Tue 7/15/14 | 98 days | | | | 7415 A Mil | ostono 28- IIG | Distribution Civil Construct | ion | |
| | istribution Electrical Construct | tion Completed (OS | D) | NA | Fri 1/30/15 | 0 days | | | | | | 29- UG Distribution Electric | | on Completed (OS P |
| | ransmission Construction | lion Completed (Oxi | IN) | NA NA | Fri 6/6/14 | | | | | | 1 * | Transmission Construction | ai Construction | on Completed (Oak |
| | | | | | | 0 days | | | | | | 31 -Substation Civil Constru | 4:00 | |
| | ation Civil Construction | O | | NA | Mon 1/5/15 | 0 days | | | | | | | | |
| | tation Electrical Construction | Completed (O&R) | | NA Total Old Mark | Wed 4/22/15 | 0 days | | | | 4 | H22 Willesto | one 32 - Substation Electrica | Constructio | n Completed (O&K) |
| COMMISSIONING OF | | | | Tue 3/4/14 | Mon 4/27/15 | 299 days | | | | | 1607 | 0.00 | | |
| Milestone 33- Statio | n Checks | | | Tue 3/4/14 | Mon 4/27/15 | 299 days | | | | | | one 33- Station Checks | | |
| ENERGIZED | | | | Tue 5/27/14 | Mon 4/27/15 | 239 days | | | | | 1/27 ENER | GIZED | | |
| CLOSE OUT | | | | Tue 3/18/14 | Mon 8/3/15 | 359 days | | | | | | | | |
| Milestone 34- Post I | • | | | Tue 3/18/14 | Mon 8/3/15 | 359 days | | | | • | | lestone 34- Post Project Ana | | |
| Milestone 35 - Civil | and Electrical As Builts | | | Tue 3/18/14 | Mon 6/29/15 | 334 days | | | | | 6/29 ♦ Mile | stone 35 - Civil and Electrica | I As Builts | |
| Future Projects | | | | NA | Mon 7/2/18 | 0 days | Future Projects | | | | | | | |
| 21 - Port Jervis Ex | pansion Project | | | NA | Mon 7/2/18 | 0 days | 21 - Port Jervis I 13 - Port Jervis I 14 - Port Jervis I 16 - Port Jervis I 16 - Port Jervis I 17 - Port Jervis I 18 - Port Jervis I | Expansion P | roject | | | | | |
| | on Expansion Project - D167 | 'BA D167CC D1 | 167CA | Tue 6/3/14 | Mon 7/2/18 | 1064 days | | | | | | | | |
| PLANNING | | | | | Mon 11/9/09 | _ | | | | | | | | |
| PROJECT PLANNING | COMPLETED | | | Mon 11/9/09 Mon 11/9/09 | Mon 11/9/09 Mon 11/9/09 | 0 days | 11/9 • PROJECT PLA | ANNING COM | MPLETED | | | | | |
| ESTIMATES | | | | Tue 2/7/12 | Wed 6/15/16 | 1136 days | 1100000 | | | | | | | |
| PROJECT ESTIMATE | COMPLETED | | | Tue 2/7/12 | Wed 6/15/16 | 1136 days | | | ♦ | | | 6/15 PROJECT ESTIMA | TE COMPLET | ED |
| SCHEDULES | | | | Mon 11/16/09 | Wed 10/26/16 | 1812 days | | | | | | | | |
| PROJECT SCHEDULE | COMPLETED | | | Wed 10/14/09 | Wed 10/26/16 | 1835 days | ♦ | | | | | 10/26 ♦ PROJECT SCI | HEDULE CON | PLETED |
| FUNDING | | | | Fri 5/11/12 | Wed 12/21/16 | 1203 days | | | | | | | | |
| PROJECT FUNDING C | COMPLETED | | | Fri 5/11/12 | Wed 6/22/16 | 1073 days | | | • | | | 6/22 PROJECT FUNDIN | G COMPLETE | D |
| | Task | > | Project Summary | — | Inactive Task | | Duration-only | | Fi | inish-only | | | | |
| ct: PSC - Major Capital Projects M | Split | | External Tasks | | Inactive Milestone | \Diamond | Manual Summary Rollu | qı | Pi | rogress | | _ | | |
| Ct: PSC - Major Capital Projects M Wed 1/23/13 | • | | External Milestone | | _ | v . | ŕ | | | · · | | | | |
| | Milestone | ~ | external Milestone | — | Inactive Summary | V | Manual Summary | | | eadline | | | | |
| | Summary | | Baseline Finish | | Manual Task | | Start-only | | | | | | | |

Major Capital Projects Master Schedule -Highlight Milestones



| ID Ta | sk Name | Baseline Finish | Finish | Finish Variance | 2009 | 2010 | 2011 | 1 | 2012 | | 2013 | | 2014 | 201 | 5 | 2016 | | 2017 | 2 | 018 20 | 019 | 2020 |
|-------|---|-----------------|--------------|-----------------|-----------|--------|--------|--------|---------|-------|----------|----------|--------------------|------|------|-------|------|----------|--------|--------------|------------|------------|
| 10 | | - 462442 | | | H1 H2 | H1 F | 12 H1 | 1 H2 | 2 H1 | H2 | H1 | H2 | H1 | H2 H | 1 H2 | 2 H1 | H2 | H1 | H2 | H1 H2 | H1 H2 | H1 F |
| 40 | ENGINEERING & DESIGN | Tue 1/29/13 | Thu 4/6/17 | 1092 days | | | | | | | | | | | | | | | | | | |
| 96 | PROJECT ENGINEERING & DESIGN COMPLETED | Tue 1/29/13 | Thu 4/6/17 | 1092 days | | | | | | | • | | | | | | 4 | 4/6 🔷 PR | OJE¢ | FENGINEER IN | NG & DESIG | OMPLE |
| 97 | APPROVALS & PERMITS | Thu 9/13/12 | Tue 9/13/16 | 1043 days | | | | | | | | | | | | | | | | | | |
| 150 | PROJECT APPROVALS & PERMITS SECURED | Tue 2/7/12 | Wed 5/4/16 | 1106 days | | | | | • | | | | | | | 5/4 🤷 | PROJ | ECT APPR | ROVAL | S & PERMITS | SECURED | o |
| 151 | PROCUREMENT | Tue 4/23/13 | Mon 11/27/17 | 1199 days | | | | | | | | | | | | | | | | | | |
| 190 | PROJECT EQUIPMENT & MATERIAL PROCUREMENT COMPLETED | Tue 4/23/13 | Mon 11/27/17 | 1199 days | | | | | | | • | | | | | | | 11/2 | 27 🔷 I | PROJECT EQU | JIPMENT & | MATERIAL |
| 191 | BID PACKAGES & CONSTRUCTABILITY REVIEWS | Tue 2/26/13 | Thu 5/4/17 | 1092 days | | | | | | | | | | | | | | | | | | |
| 216 | PROJECT BID PACKAGES & CONSTRUCTABILITY REVIEWS COMPLETED | Tue 2/26/13 | Thu 5/4/17 | 1092 days | | | | | | | | | | | | | | 5/4 ♦ PF | ROJEC | T BID PACKA | GES & CO | NSTRUCTA |
| 217 | PURCHASING - BID PROCESS | Fri 2/8/13 | Wed 8/16/17 | 1178 days | | | | | | | | | | | | | | | | | | |
| 311 | PROJECT PURCHASE ORDERS SECURED | Fri 2/8/13 | Wed 8/16/17 | 1178 days | | | | | | | | | | | | | | 8/16 🧅 | PRO | JECT PURCH | ASE ORDE | RS SECURI |
| 312 | EH&S | Fri 1/18/13 | Fri 7/14/17 | 1170 days | | | | | | | | | | | | | | | | | | |
| 330 | PROJECT EH&S PROCESS COMPLETED | Fri 1/18/13 | Fri 7/14/17 | 1170 days | | | | | | | • | | | | | | | 7/14 🔷 | PROJ | ECT EH&S PR | ROCESS CO | OMPLETED |
| 331 | OUTAGES | Wed 10/14/09 | Wed 10/14/09 | 0 days | | | | | | | | | | | | | | | | | | |
| 336 | PROJECT OUTAGE SCHEDULE PROCESS COMPLETED | Wed 10/14/09 | Wed 10/14/09 | 0 days | 10/14 🔷 1 | ROJECT | OUTAGE | E SCHE | DULE PI | ROCES | \$ сом | PLETE |) | | | | | | | | | |
| 337 | CONSTRUCTION | Tue 6/3/14 | Mon 6/11/18 | 1049 days | | | | | | | | | | | | | | | | | | |
| 527 | PROJECT CONSTRUCTION PROCESS COMPLETED | Wed 8/7/13 | Fri 5/25/18 | 1252 days | | | | | | | | ♦ | | | | | | | 5/: | 25 🔷 PROJEC | CT CONST | RUCTION P |
| 528 | COMMISSIONING OF STATION | Fri 4/25/14 | Thu 6/14/18 | 1079 days | | | | | | | | | | | | | | | | | | |
| 534 | ENERGIZED | Fri 4/25/14 | Thu 6/14/18 | 1079 days | | | | | | | | | \rightarrow | | | | | | 6 | /14 🄷 ENERG | SIZED | |
| 535 | CLOSE OUT | Tue 6/3/14 | Mon 7/2/18 | 1064 days | | | | | | | | | | | | | | | | | | |
| 544 | PROJECT CLOSE OUT PROCESS COMPLETED | Tue 6/3/14 | Mon 7/2/18 | 1064 days | | | | | | | | | \rightarrow | | | | | | | 7/2 PROJI | ECT CLOSE | E OUT PRO |
| 545 | Projected Construction Completion | Tue 6/3/14 | Mon 7/2/18 | 1064 days | | | | | | | | | ^ | | | | | | | 7/2 Projec | ted Constr | uction Com |

Task Inactive Task Finish-only Project Summary Duration-only External Tasks Project: PSC - Major Capital Projects M Date: Wed 1/23/13 Inactive Milestone Manual Summary Rollup Progress External Milestone Manual Summary Deadline $\hat{\mathbb{T}}$ Milestone Inactive Summary Baseline Finish Manual Task Summary Start-only