



| Legend | |
|-------------------|-----------------|
| Market Simulation | CA ISO Holiday |
| External Testing | Deployment Week |

3/2/20 - 3/8/20
 3/9/20 - 3/15/20
 3/16/20 - 3/22/20
 3/23/20 - 3/29/20
 3/30/20 - 4/5/20
 4/6/20 - 4/12/20
 4/13/20 - 4/19/20
 4/20/20 - 4/26/20
 4/27/20 - 5/3/20
 5/4/20 - 5/10/20
 5/11/20 - 5/17/20
 5/18/20 - 5/24/20
 5/25/20 - 5/31/20
 6/1/20 - 6/7/20
 6/8/20 - 6/14/20
 6/15/20 - 6/21/20
 6/22/20 - 6/28/20
 6/29/20 - 7/5/20
 7/6/20 - 7/12/20
 7/13/20 - 7/19/20
 7/20/20 - 7/26/20
 7/27/20 - 8/2/20
 8/3/20 - 8/9/20
 8/10/20 - 8/16/20
 8/17/20 - 8/23/20
 8/24/20 - 8/30/20
 8/31/20 - 9/6/20
 9/7/20 - 9/13/20
 9/14/20 - 9/20/20
 9/21/20 - 9/27/20
 9/28/20 - 10/4/20
 10/5/20 - 10/11/20
 10/12/20 - 10/18/20
 10/19/20 - 10/25/20
 10/26/20 - 11/1/20
 11/2/20 - 11/8/20
 11/9/20 - 11/15/20
 11/16/20 - 11/22/20
 11/23/20 - 11/29/20
 12/1/20 - 12/7/20
 12/8/20 - 12/14/20
 12/15/20 - 12/21/20
 12/22/20 - 12/28/20
 12/29/20 - 1/4/21

MAP Stage Environment Window

| | | | |
|---|---|---|---|
| CRR Data Transparency Enhancements - Market Sim | CRR Data Transparency Enhancements - Market Sim (03/03-03/31) | | |
| ESDER Phase 3b - Load Shift Product - Market Sim | | ESDER Phase 3b - Load Shift Product - Market Sim (07/27-09/04) | |
| Dispatch Operating Target Tariff Clarification - Market Sim | | Dispatch Operating Target Tariff Clarification - Market Sim (07/27-09/04) | |
| Intertie Deviation Settlement - Market Sim | | Intertie Deviation Settlement - Market Sim (07/27-09/04) | |
| Excess Behind the Meter Production - Market Sim | | Excess Behind the Meter Production - Market Sim (07/27-09/04) | |
| Market Settlement Timeline Transformation - Market Sim | | Market Settlement Timeline Transformation - Market Sim (07/27-09/04) | |
| EIM Enhancements 2020 - Market Sim | | EIM Enhancements 2020 - Market Sim (07/27-09/04) | |
| ADS UI Replacement - Market Sim | | ADS UI Replacement - Market Sim (07/27-09/04) | |
| FERC841 Requested Adjustments - Market Sim | | FERC841 Adjustments - Market Sim (07/27-09/04) | |
| EIM - Public Service Company of New Mexico - Market Sim | | | EIM - Public Service Company of New Mexico - Market Sim (12/01-01/31) |
| EIM - North-Western Energy - Market Sim | | | EIM - North-Western Energy - Market Sim (12/01-01/31) |
| EIM - Los Angeles Dept. of Water & Power - Market Sim | | | EIM - Los Angeles Dept. of Water & Power - Market Sim (12/01-01/31) |
| EIM - Turlock Irrigation District - Market Sim | | | EIM - Turlock Irrigation District - Market Sim (12/01-01/31) |
| EIM - BANC Phase 2 / WAPA - Market Sim | | | EIM - BANC Phase 2 / WAPA - Market Sim (12/01-01/31) |

EIM Parallel Operations Environment Window

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|--|--|
| EIM - Salt River Project - EIM Parallel Operations | EIM - Salt River Project - EIM Parallel Operations (02/01-03/31) |
| EIM - Seattle City Light - EIM Parallel Operations | EIM - Seattle City Light - EIM Parallel Operations (02/01-03/31) |

Production Environment Window

| | | | |
|---|--|---|--|
| Fall 2019 Release CMRI, SIBR, BSAP Deployments | Fall 2019 Release CMRI, SIBR, BSAP Deployments (TBD) | | |
| EIM - Salt River Project | EIM - Salt River Project (04/01) | | |
| EIM - Seattle City Light | EIM - Seattle City Light (04/01) | | |
| CRR Data Transparency Enhancements | CRR Data Transparency Enhancements (04/15) | | |
| Settlements - Spring 2020 Release | Settlements - Spring 2020 Release (05/01) | | |
| CCDEBE Phase 1 Activation | CCDEBE Phase 1 (TBD May) | | |
| Capacity Procurement Mechanism Soft Offer Cap Effective Trade Date | Capacity Procurement Mechanism Soft Offer Cap Effective Trade Date (06/01) | | |
| ESDER Phase 3 - DRRS | ESDER Phase 3 - DRRS (09/09) | | |
| ESDER Phase 3b - Load Shift Product | ESDER Phase 3b - Load Shift Product (10/01) | | |
| Dispatch Operating Target Tariff Clarification | Dispatch Operating Target Tariff Clarification (10/01) | | |
| Intertie Deviation Settlement | Intertie Deviation Settlement (10/01) | | |
| Excess Behind the Meter Production Deployment | Excess Behind the Meter Production Deployment (10/01) | | |
| Market Settlement Timeline Transformation Deployment | Market Settlement Timeline Transformation Deployment (10/01) | | |
| EIM Enhancements 2020 | EIM Enhancements 2020 (10/01) | | |
| ADS UI Replacement | ADS UI Replacement (10/01) | | |
| FERC841 Requested Adjustments | FERC841 Adjustments (10/01) | | |
| Excess Behind the Meter Production Activation Effective Trade Date | | Excess Behind the Meter Production Activation Effective Trade Date (01/01) | |
| Market Settlement Timeline Transformation Activation Effective Trade Date | | Market Settlement Timeline Transformation Activation Effective Trade Date (01/01) | |



| Calendar | Release / Implementation <i>(Updated Monthly)</i> | Deployment | Market Simulation Start - End | | Activation | Project Manager |
|--------------------------|---|------------|-------------------------------|----------|------------|------------------|
| Independent 2020 | Commitment Costs and Default Energy Bid Enhancements Phase 1 | Feb 2020 | 9/3/19 | 11/26/19 | Apr 2020 | Ray Riley |
| | CRR Data Transparency Enhancements | Apr 2020 | 2/18/20 | 4/3/20 | Apr 2020 | Deann MacDougall |
| | Capacity Procurement Mechanism Soft Offer Cap | N/A | N/A | N/A | Jun 2020 | Diane Schroeder |
| Spring 2020 | EIM - Salt River Project | 4/1/20 | 12/1/19 | 1/31/20 | Apr 2020 | Joanne Alai |
| | EIM - Seattle City Light | 4/1/20 | 12/1/19 | 1/31/20 | Apr 2020 | Ayman Fattah |
| Fall 2020 | Energy Storage and Aggregated Distributed Energy Resource, Phase 3B | 10/1/20 | 7/27/20 | 9/4/20 | Oct 2020 | Mohan Koya |
| | Dispatch Operating Target Tariff Clarifications | 10/1/20 | 7/27/20 | 9/4/20 | Oct 2020 | John Williams |
| | Intertie Deviation Settlement | 10/1/20 | 7/27/20 | 9/4/20 | Oct 2020 | Amy Nunn |
| | Excess Behind the Meter Production | 10/1/20 | 7/27/20 | 9/4/20 | Jan 2021 | Ray Riley |
| | Market Settlement Timeline Transformation | 10/1/20 | 7/27/20 | 9/4/20 | Jan 2021 | LeAnn McLaughlin |
| | EIM Enhancements 2020 | 10/1/20 | 7/27/20 | 9/4/20 | Oct 2020 | David Luk |
| | ADS User Interface Replacement | 10/1/20 | 7/27/20 | 9/4/20 | Oct 2020 | John Williams |
| Spring 2021 | FERC Order 841 - FERC Requested Adjustments | 10/1/20 | 7/27/20 | 9/4/20 | Oct 2020 | David Luk |
| | EIM - Public Service Company of New Mexico | 4/1/21 | 12/1/20 | 1/31/21 | Apr 2021 | Ayman Fattah |
| | EIM - Northwestern Energy | 4/1/21 | 12/1/20 | 1/31/21 | Apr 2021 | Ayman Fattah |
| | EIM - LADWP | 4/1/21 | 12/1/20 | 1/31/21 | Apr 2021 | Joanne Alai |
| | EIM - BANC Ph2/WAPA | 4/1/21 | 12/1/20 | 1/31/21 | Apr 2021 | Ayman Fattah |
| 2021 | EIM - Turlock Irrigation District | 4/1/21 | 12/1/20 | 1/31/21 | Apr 2021 | David Luk |
| | System Market Power Mitigation | TBD | TBD | TBD | TBD | Adrian Chiosea |
| Fall 2021 | Day Ahead Market Enhancements | 10/1/21 | 7/26/21 | 9/3/21 | Oct 2021 | Adrian Chiosea |
| | Resource Adequacy Enhancements | 10/1/21 | 7/26/21 | 9/3/21 | Oct 2021 | Adrian Chiosea |
| | Energy Storage and Aggregated Distributed Energy Resource Phase 4 | 10/1/21 | 7/26/21 | 9/3/21 | Oct 2021 | Adrian Chiosea |
| | Transmission Access Charge Structure Enhancements | 10/1/21 | 7/26/21 | 9/3/21 | Oct 2021 | Adrian Chiosea |
| | Import Bidding and Market Parameters | 10/1/21 | 7/26/21 | 9/3/21 | Oct 2021 | Ray Riley |
| Spring 2022 | Contingency Modeling Enhancements - Transmission | 10/1/21 | 7/26/21 | 9/3/21 | Oct 2021 | Mohan Koya |
| | EIM - Avista | 4/1/22 | 12/1/21 | 1/31/22 | Apr 2022 | Adrian Chiosea |
| | EIM - Tacoma Power | 4/1/22 | 12/1/21 | 1/31/22 | Apr 2022 | Adrian Chiosea |
| | EIM - Bonneville Power Administration | 4/1/22 | 12/1/21 | 1/31/22 | Apr 2022 | Joanne Alai |
| Fall 2022 | EIM - Tucson Electric Power | 4/1/22 | 12/1/21 | 1/31/22 | Apr 2022 | Adrian Chiosea |
| | Commitment Costs and Default Energy Bid Enhancements Phase 2 | 10/1/22 | 7/25/22 | 9/2/22 | Oct 2022 | Adrian Chiosea |
| | Storage as a Transmission Facility | 10/1/22 | 7/25/22 | 9/2/22 | Oct 2022 | Adrian Chiosea |
| | Extend Day-Ahead Market Enhancements to EIM Entities | 10/1/22 | 7/25/22 | 9/2/22 | Oct 2022 | Adrian Chiosea |