

OPERATING COORDINATION PROCEDURES
FOR
MARBLE RIVER
WIND FARM
BETWEEN
MARBLE RIVER WINDPARK, LLC
AND
NEW YORK POWER AUTHORITY

TABLE OF CONTENTS

I. Introduction

II. Operating Entities

III. Outage Coordination

IV. Communications Procedure

ATTACHMENTS

A. Telephone Communications

B. Glossary of Terms

I. INTRODUCTION

- A. These Operating Coordination Procedures (these “Procedures”) outline the division of responsibility for the operation of Transmission Owner’s Attachment Facilities (owned by New York Power Authority (“NYPA”)) and Developer’s Attachment Facilities (owned by Marble River Windpark, LLC (“MRWP”)) associated with the Generating Facility (also referred to as the “Marble River Wind Farm”).
- B. “NYPA Facilities” as referred to in this document, mean the Transmission Owner’s Attachment Facilities.
- C. “MRWP Facilities” as referred to in this document, mean the Developer’s Attachment Facilities.
- D. Telephone numbers for communications are set forth in Attachment A.
- E. Capitalized terms used, but not defined in these Procedures shall have the meaning set forth in the Interconnection Agreement (“IA”), or if not set forth in these Procedures or in the IA, in the Glossary of Terms set forth in Attachment B.
- F. The Marble River Wind Farm One-Line Diagram is attached to the IA in Appendix C.

II. OPERATING ENTITIES

A. Administration

These Procedures have been developed by MRWP and NYPA pursuant to the terms of the IA. Each of MRWP and NYPA will periodically review these Procedures and suggest revisions as necessary. Any change to these Procedures must be approved in writing by both Parties. The Parties do not intend for any provision of these Procedures to conflict with the provisions of the IA. However, if any conflict does arise between the terms of these Procedures and the terms of the IA, then the terms of the IA shall prevail. Further, nothing in these Procedures shall constitute a waiver of the rights of any Party under the IA.

B. Management

The management of the Marble River Wind Farm is the responsibility of the Marble River Windpark Monitoring Technician (“Marble River MT”), who is located at the Marble River

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The management of NYPA’s System Operations is the responsibility of the Senior System Operator (“SSO”), who is located at the Energy Control Center on Glass Factory Road in the Town of Marcy, New York. The NYPA SSO is the Switching Authority for the Patnode Substation.

MRWP and NYPA are market participants in the markets operated by the New York Independent System Operator, Inc. (“NYISO”), which is located on Carman Road in the

Town of Guilderland, New York. NYPA is the designated Transmission Owner (“TO”) for the Marble River Wind Farm.

C. Operations

1. The NYPA SSO will have jurisdiction to remove from service and return to service NYPA equipment. The NYPA SSO will have jurisdiction over any changes to the output level of the Marble River Wind Farm that are due to transmission system capacity limitations.

2. The Senior Operator at the St. Lawrence/FDR (“SL”) Project is NYPA’s Switching Controller and will have jurisdiction over switching, grounding, testing, and the issuing of Clearances and Guarantees/Notifications of Switching for NYPA Facilities and over remote open/close operation of switching equipment located in the Patnode Substation on the NYPA side of demarcation.
3. The Marble River MT is MRWP’s Switching Controller and will have jurisdiction over switching, grounding, testing, and the issuing of Clearances and Guarantees/Notifications of Switching for MRWP Facilities and over remote open/close operation of switching equipment located in the Patnode Substation on the MRWP side of demarcation.

III. OUTAGE COORDINATION

A. NYPA/MRWP/NYISO Notification Requirements

NYPA will notify MRWP in the event that it becomes necessary to remove NYPA Facilities from service for NYPA work. Conversely, MRWP will notify NYPA if such an outage is required for MRWP work. If both NYPA and MRWP agree to such an outage, NYPA will coordinate the outage. All requests for scheduled outages should be submitted, when possible, at least three days prior to the start of the outage. In-service relay testing must follow the same notification and coordination procedures as outlined in this document.

B. NYPA Coordination Procedure for Prearranged Outages

1. NYPA outage requests for NYPA Facilities must be directed to the SL Outage Coordinator.

2. The SL Outage Coordinator will review the request to determine if the outage can be coordinated with other work orders that are scheduled or in progress. Requests for prearranged outages will include the scheduled date and time for removal from service and return to service of NYPA Facilities and the requested protection.
3. The SL Outage Coordinator will provide the following notification:
 - a. If the SL Outage Coordinator has determined that the outage request may not be approved, the requestor of the outage will be so informed along with the reason for disapproval.
 - b. If the SL Outage Coordinator has determined that the outage request may be approved, the request will be forwarded to the NYPA ECC Outage Coordinator who is responsible for outage coordination with MRWP and the NYISO.
4. The NYPA ECC Outage Coordinator will coordinate the outage request with the NYISO to receive final approval or disapproval. In either event, the NYPA ECC Outage Coordinator will notify the requesting NYPA personnel regarding the approval of the request or the reason for disapproval.
5. The SL Senior Operator and the Marble River MT, if necessary, will write the switching orders for their respective facilities and the requested protection.
6. The communications procedures outlined in Section IV must be followed prior to actual switching.

C. MRWP Coordination Procedure for Prearranged Outages

1. MRWP outage requests for NYPA Facilities or for outages that will impact 20MW or more of Marble River Wind Farm generation capability must be directed to the NYPA ECC Outage Coordinator.
2. The NYPA ECC Outage Coordinator will review the request to determine if the outage can be coordinated with other work orders that are scheduled or in progress. Requests for prearranged outages will include the scheduled date and time for removal from service and return to service of MRWP Facilities and the requested protection.
3. The NYPA ECC Outage Coordinator will provide the following notification:
 - a. If the NYPA ECC Outage Coordinator has determined that the outage request may not be approved, the requestor of the outage will be so informed along with the reason for disapproval.
 - b. If the outage involves the removal of NYPA Facilities from service and the NYPA ECC Outage Coordinator has determined that the outage request may be approved, the request will be forwarded to the SL Outage Coordinator.
4. The NYPA ECC Outage Coordinator will coordinate the outage request with the NYISO to receive final approval or disapproval. In either event, the NYPA ECC Outage Coordinator will notify the requesting MRWP personnel regarding the approval of the request or the reason for disapproval.
5. The Marble River MT and the SL Senior Operator, if necessary, will write the switching orders for their respective facilities and the requested protection.
6. The communications procedures outlined in Section IV must be followed prior to actual switching.

D. Coordination Procedure for Emergency Outages

Requests for emergency outages will be administered via normal channels and will be coordinated with the Marble River MT and the NYPA SSO.

IV. COMMUNICATIONS PROCEDURES

A. Removal from Service of Equipment for Performance of Work by NYPA on NYPA Facilities

1. The SL Senior Operator will request authorization from the NYPA SSO to undertake the scheduled outage.
2. The NYPA SSO will obtain concurrence from the Marble River MT and the NYISO to initiate the outage and then authorize the SL Senior Operator to proceed.
3. The SL Senior Operator will, if necessary, request the Marble River MT to issue the switching orders to remove from service any requested MRWP Facilities required to provide protection for the scheduled work.
4. The Marble River MT, after completion of any necessary switching of MRWP Facilities, will issue a Guarantee/Notification of Switching to the SL Senior Operator for the equipment under the jurisdiction of MRWP required to be out of service to permit work by NYPA.
5. The SL Senior Operator, after verifying that the equipment under NYPA jurisdiction is out of service (cleared) and properly protected, and after receiving the Guarantee/Notification of Switching from the Marble River MT, will issue a Clearance to qualified NYPA personnel or contractors, and notify the NYPA SSO promptly.

6. The NYPA SSO will notify the Marble River MT and the NYISO that the NYPA Facilities have been removed from service.

B. Return to Service of Equipment for Performance of Work by NYPA on NYPA Facilities

1. The SL Senior Operator will determine that all grounds have been removed and all Clearances have been released, and verify the actual status of the equipment concerned prior to proceeding.
2. The SL Senior Operator will, if necessary, notify the Marble River MT that the Guarantee/Notification of Switching is being released for equipment under the jurisdiction of MRWP.
3. The Marble River MT will, upon obtaining a release of the Guarantee/Notification of Switching, issue the switching orders to place the MRWP Facilities in the proper position to allow restoration to service.
4. The Marble River MT will notify the SL Senior Operator when the switching of MRWP Facilities is completed.
5. The SL Senior Operator will notify the NYPA SSO that all equipment under the jurisdiction of NYPA and MRWP is in a position to allow restoration to service.
6. The NYPA SSO will obtain authorization from the NYISO and will direct the SL Senior Operator to proceed with the restoration to service.
7. The SL Senior Operator will notify the NYPA SSO regarding the restoration times.
8. The NYPA SSO will notify the Marble River MT and the NYISO that the NYPA Facilities have been restored to service.

C. Removal from Service of Equipment for Performance of Work by MRWP on MRWP Facilities

1. The Marble River MT will request authorization from the NYPA SSO to undertake the scheduled outage.
2. The NYPA SSO will obtain concurrence from the SL Senior Operator, if necessary, and the NYISO and then authorize the Marble River MT to proceed.
3. The Marble River MT will request the SL Senior Operator, if necessary, to issue the switching orders to remove from service any requested

NYPA Facilities required to provide protection for the scheduled work.

4. The SL Senior Operator, after completion of any necessary switching of NYPA Facilities, will issue a Guarantee/Notification of Switching to the Marble River MT for the equipment under the jurisdiction of NYPA required to be out of service to permit work by MRWP.
5. The Marble River MT, after verifying that the equipment under MRWP jurisdiction is out of service (cleared) and properly protected, and after receiving the Guarantee/Notification of Switching from the SL Senior Operator, will issue a Clearance to qualified MRWP personnel or contractors and notify the NYPA SSO promptly.
6. The NYPA SSO will notify the SL Senior Operator, if necessary, and the NYISO that the MRWP Facilities have been removed from service.

D. Return to Service of Equipment for Performance of Work by MRWP on MRWP Facilities

1. The Marble River MT will determine that all grounds have been removed and all Clearances have been released, and verify the actual status of the equipment concerned prior to proceeding.
2. The Marble River MT will, if necessary, notify the SL Senior Operator that the Guarantee/Notification of Switching is being released for equipment under the jurisdiction of NYPA.
3. The SL Senior Operator will, upon obtaining a release of the Guarantee/Notification of Switching, issue the switching orders to place the NYPA Facilities in the proper position to allow restoration to service.
4. The SL Senior Operator will notify the Marble River MT when the switching of NYPA Facilities is completed.
5. The Marble River MT will notify the NYPA SSO that all equipment under the jurisdiction of MRWP and NYPA is in a position to allow restoration to service.
6. The NYPA SSO will obtain authorization from the NYISO and will direct the Marble River MT to proceed with the restoration to service.
7. The Marble River MT will notify the NYPA SSO regarding the restoration times.
8. The NYPA SSO will notify the SL Senior Operator and the NYISO that the MRWP Facilities have been restored to service.

ATTACHMENT A
TELEPHONE NUMBERS

Telephone communications between MRWP and NYPA regarding the operation of the Marble River Wind Farm will be in accordance with the NYISO Glossary of Terms.

NEW YORK POWER AUTHORITY:

Energy Control Center

Senior System Operator

- Normal Communications..... (315) 792-8228/8229

- Back-up Communications..... (315) 797-8271

Chief System Operator..... (315) 792-8200

Outage Coordinator..... (315) 792-8217

St. Lawrence/FDR Project

Senior Operator..... (315) 764-0226 Ext. 221 or 222
or (315) 769-3501

Outage Coordinator..... (315) 764-0226 Ext. 228

MARBLE RIVER WINDPARK:

Marble River Operations Center

Monitoring Technician

- Normal Communications.....

- Urgent Communications.....

ATTACHMENT B

GLOSSARY OF TERMS

CLEARANCE - A formal statement from the Operating Department that specified equipment has been isolated from necessary sources of energy (i.e., electrical, mechanical, hydraulic) and that it is as safe to work on as is feasible to make it for the work intended.

GUARANTEE/NOTIFICATION OF SWITCHING - A formal statement from the Operating Department that a certain switch or switches, device or devices are tagged in a specific position, locked where possible, and will remain so until the GUARANTEE/NOTIFICATION OF SWITCHING is released by the recipient. A GUARANTEE/NOTIFICATION OF SWITCHING does not necessarily indicate that the equipment is deenergized. The Station Guarantee/Notification of Switching policy is in accordance with the agreement that is presently in place between NYPA and the New York TOs.

SWITCHING AUTHORITY - The individual who has the responsibility for overseeing the operation of bulk power system equipment as designated in the prescribed operating instructions.

SWITCHING CONTROLLER - The individual who has responsibility for the switching of bulk power system equipment under the direction of the Switching Authority as designated in the prescribed operating instructions.