Effective Date	12/3/2019

Impacted Manual #(s)/Manual Title(s):

Manual 27: Open Access Transmission Tariff Accounting
Manual 28: Operating Agreement Accounting

Conforming Order(s):

Electric Storage Participation in Markets Operated by Regional Transmission Organizations and Independent System Operators (Issued February 15, 2018)
Docket Nos. RM16-23-000; AD16-20-000; Order No. 841

Associated Issue Tracking Title:	Electric Storage Participation - FERC Order 841

Committee Approval Path - What committee(s) have already seen these changes?

First Read 6.20.2019 Market Settlement Subcommittee
First Read 7.10.2019 Market Implementation Committee
Endorsement 8.7.2019 Market Implementation Committee
First Read 8.22.2019 Markets and Reliability Committee
Endorsement 9.26.2019 Markets and Reliability Committee

MRC 1st read date:	8/22/2019
MRC voting date:	9/26/2019

Impacted Manual sections:

M27: New section 8: "Energy Storage Resource Charging Energy"
M28: Existing Section 13.1 "Station Power Accounting Procedure" and new section 22: "Energy Storage Resource Charging Energy"

Reason for change:

Compliance with FERC Order 841: Electric Storage Resource Participation model to allow ESRs to participate in all markets where technically feasible.

Summary of the changes:

M27: Section 8: Define Direct Charging Energy and Non-Dispatched Charging Energy, what constitutes Dispatched Charging Energy, what is the netting interval for identifying charging energy, how can the EDC identify NDCE for calculation of NSPL, what are the billing items for the different categories of ESR charging energy.
M28: Section 13.1: Clarify that Direct Charging Energy is not Station Power, and end-use load used for driving an electric car is neither Station Power nor Direct Charging Energy.
Section 22: Define Direct Charging Energy vs Load Serving Charging Energy, how is LSCE distinguished from DCE, how are final adjustments to initial settlements accomplished, what are the billing items for the different categories of ESR charging energy.