

NERC Interchange Transaction Exam (100% Correct Answers)

Generating units jointly owned by two or more Balancing Authorities may be modeled in the AGC systems as a "virtual" tie line flow (pseudo-tie). To properly account for the jointly owned unit as a pseudo-tie, each Balancing Authority must include a portion of the unit's MW output as an adjustment to the _____ in its ACE equation.

net actual interchange (NAI)

A dynamic schedule is commonly used for scheduling jointly-owned generation between Balancing Authority Areas. To properly account for the jointly-owned unit as a dynamic schedule, each Balancing Authority must include a portion of the unit's MW output as an adjustment to _____ in its ACE equation.

net scheduled interchange (NSI)

Balancing Authority A has an interchange schedule to import 600 MW from Balancing Authority B for a period of 1 hour, with a symmetrical 20 minute ramp up at the start of the schedule and a symmetrical 20 minute ramp down at the end of the schedule. If this schedule gets cut after 40 minutes, what is the total billed energy transferred to Area A for this hour?

400 MWh

A Transmission Operator (TOP) determines that an interchange transaction, scheduled to begin at the top of the hour, will result in a potential System Operating Limit (SOL) violation. What should the TOP operator do?

Modify the interchange transaction tag and communicate the modification to the Balancing Authority

Nerc Interchange Study Guide

Katrin Zwirgmaier



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National Power Grid Study United States. Department of Energy. Office of Utility Systems,1979 **National Energy Act** United States. Congress. House. Committee on Interstate and Foreign Commerce. Subcommittee on Energy and Power,1977 **DOE/RA.** ,1980 Annual Report National Environmental Research Center (Research Triangle Park, N.C.),1973 *National Power Grid Study: Technical study reports* United States. Department of Energy. Office of Utility Systems,1979 **Federal Energy Regulatory Commission Reports** United States. Federal Energy Regulatory Commission,2006-10 *The National Power Grid Study: Technical study reports* United States. Department of Energy. Office of Utility Systems,1980 **HEARINGS BEFORE THE SUBCOMMITTEE ON ENERGY AND POWER OF THE COMMITTEE ON INTERSTATE AND FOREIGN COMMERCE HOUSE OF REPRESENTATIVES NINETY-FIFTH CONGRESS ON H.R. 6831, H.R. 687, H.R. 1562, H.R. 2088, H.R. 2818, H.R. 3317, H.R. 3664, H.R. 6660, and all similar and identical bills** ,1977 *I-H3, Halawa Interchange to Halekou Interchange, Honolulu* ,1973 *Resources in Education* ,1972 **Research in Education** ,1972-05 Annual Report North American Electric Reliability Council,2001

Summary of Recent Wind Integration Studies Phillip De Mello,Cornelis P. Van Dam,California Wind Energy Collaborative,2012 Symposium on Reliability Criteria for System Dynamic Performance ,1977 *Electric Power Reliability--1969-1970* United States. Congress. House. Committee on Interstate and Foreign Commerce. Subcommittee on Communications and Power,1971 Causes And Consequences Of Map Generalization Elsa Joao,1998-05-27 This text describes late 1990s understanding of map generalisation in the context of paper maps and GIS Its particular value should be in helping to further automate and measure the process of map generalisation The research has concentrated on quantifying generalisation effects and on analysing how these effects of generalisation locked into the maps were measured Elsa Joao s book covers the background to the problems of map generlasation the methodology developed by the author to investigate the consequences of the map generalisation a detailed description of results and a conclusion that draws together consequences for the broader applications to GIS *Electric Power Reliability* United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Administrative Practice and Procedure,1971 **The Wheeling and Transmission Manual** Larry Weiss,Scott A. Spiewak,1991 Electric Power Reliability United States. Congress. Senate. Judiciary,1970

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