

SCR's and EDRP

In the Installed Reserve Margin Study

- Roles in setting IRM**
- History**
- Current Methodology**
- Impacts**

SCR's and EDRP Roles

- **New York State Reliability Council (Executive Committee) sets IRM annually**
- **Installed Capacity Subcommittee (of NYSRC) performs technical study**
- **On ICS level, NYISO acts as advisor and performs (MARS) simulations of system**

SCR's and EDRP History

- ✦ **2001 – 154 MW of SCR's modeled in Zones A (85 MW), J (29 MW), and C (40 MW)**
- ✦ **2002 – 515 MW of energy limited SCR's in Zones A-K (twenty hours in July, August)**
- ✦ **2003 – 560 MW of SCR's and 354 MW of EDRP as Emergency Operating Procedures**
- ✦ **2004 – 652/225 MW SCR/EDRP as above. EDRP limited to 5 calls/month**

SCR's and EDRP

Current Methodology

- ✦ **EDRP values based on registration and discounted by experience (2002 filing)**
- ✦ **SCR values based on ICAP market registration discounted by experience (conservative)**
- ✦ **Both EDRP and SCR broken out into monthly values peaking in summer**
- ✦ **EDRP calls limited to 5 per month (per zone)**

SCR's and EDRP

Impacts

- **225 MW of EDRP with 5 call limit equals 185 MW with no calls**
- **Limiting SCR's during shoulder or winter months has no effect on IRM**
- **All SCR's and EDRP improve system reliability (as measured by MARS)**
- **Adding SCR's upstate raises IRM, while downstate additions lower IRM**