

**Exhibit 18. Total Peak Hour Gas Demand by GPCM Location**  
**Sensitivities**

Note: A few GPCM locations include gas demands located in multiple PPAs. The following locations are included in the indicated PPAs:

Illinois Northern: Included in PJM figures  
Illinois Southern: Included in MISO North/Central figures  
Indiana: Included in PJM figures  
Kentucky: Included in TVA figures  
Michigan Lower Peninsula: Included in MISO North/Central figures  
Mississippi: Included in MISO South  
New Jersey: Included in PJM figures  
Ohio: Included in PJM figures

RGDS S13, RGDS S14, RGDS S16, RGDS S23 and RGDS S37 are not included in this Exhibit because neither the RCI nor the electric sector gas demands change from the RGDS S0 gas demands presented in Exhibit 14.

Figure E18-1. RGDS S1 Total Peak Hour Gas Demand – IESO

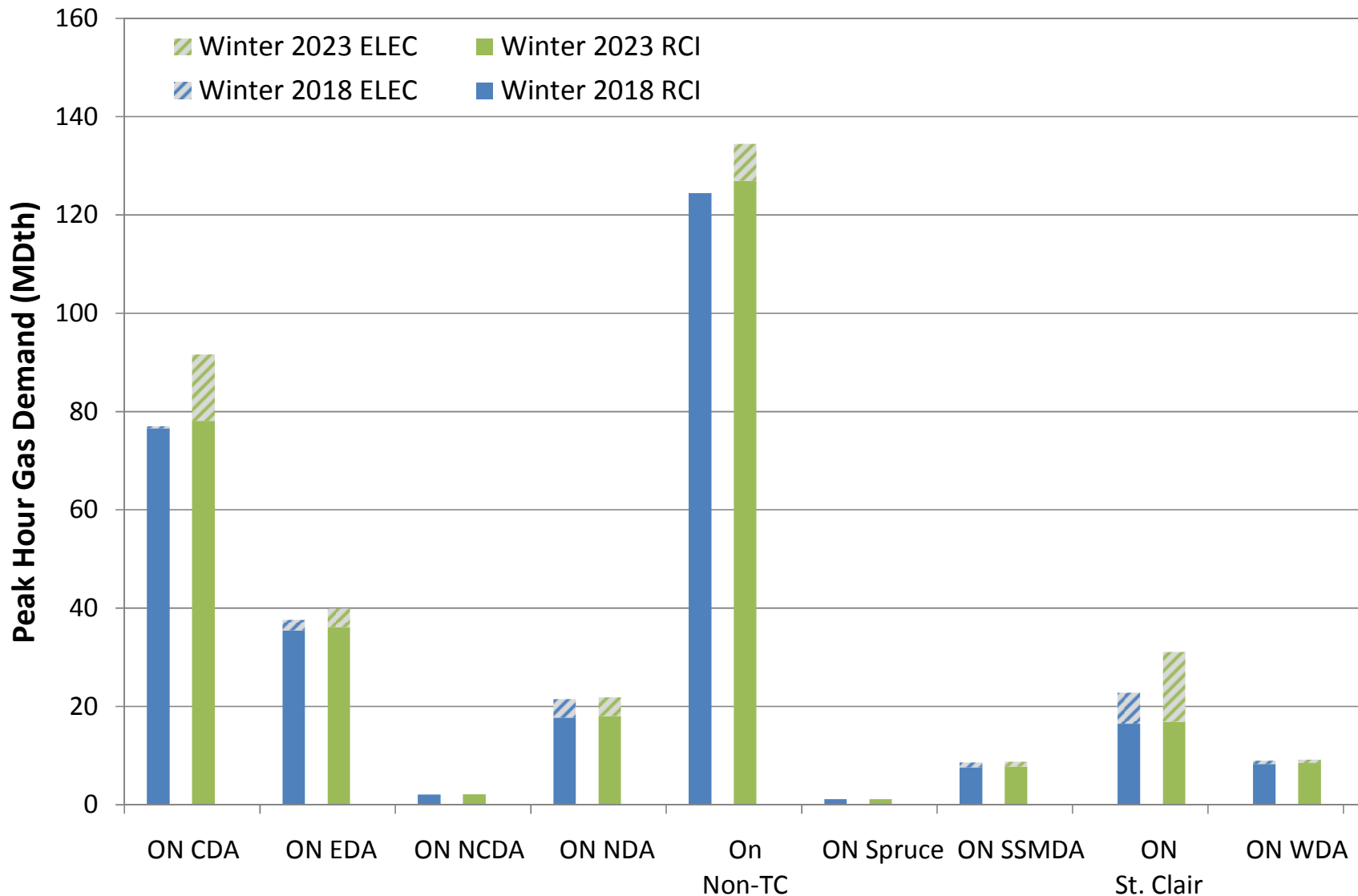


Figure E18-2. RGDS S1 Total Peak Hour Gas Demand – ISO-NE

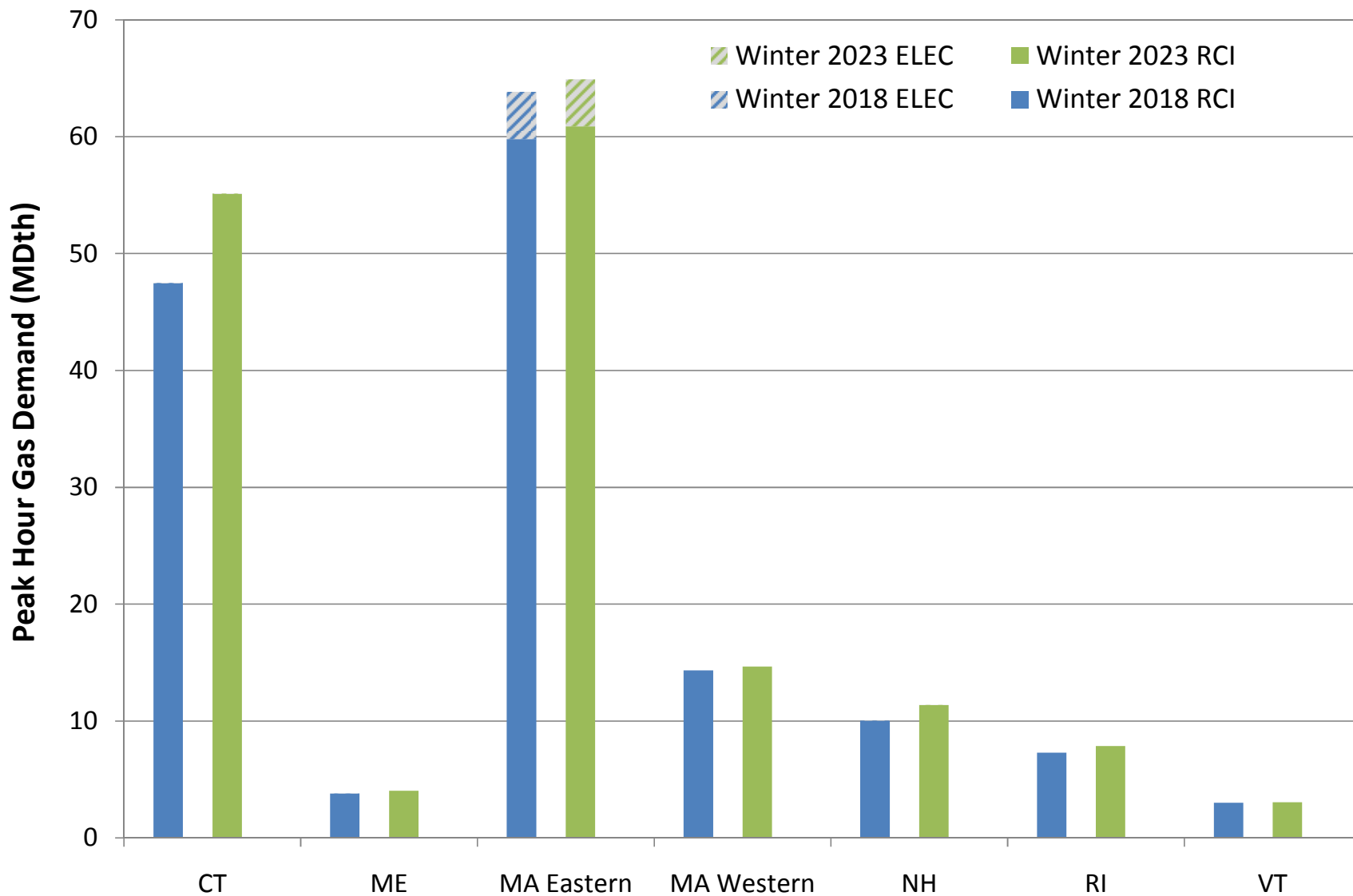


Figure E18-3. RGDS S1 Total Peak Hour Gas Demand – MISO North/Central

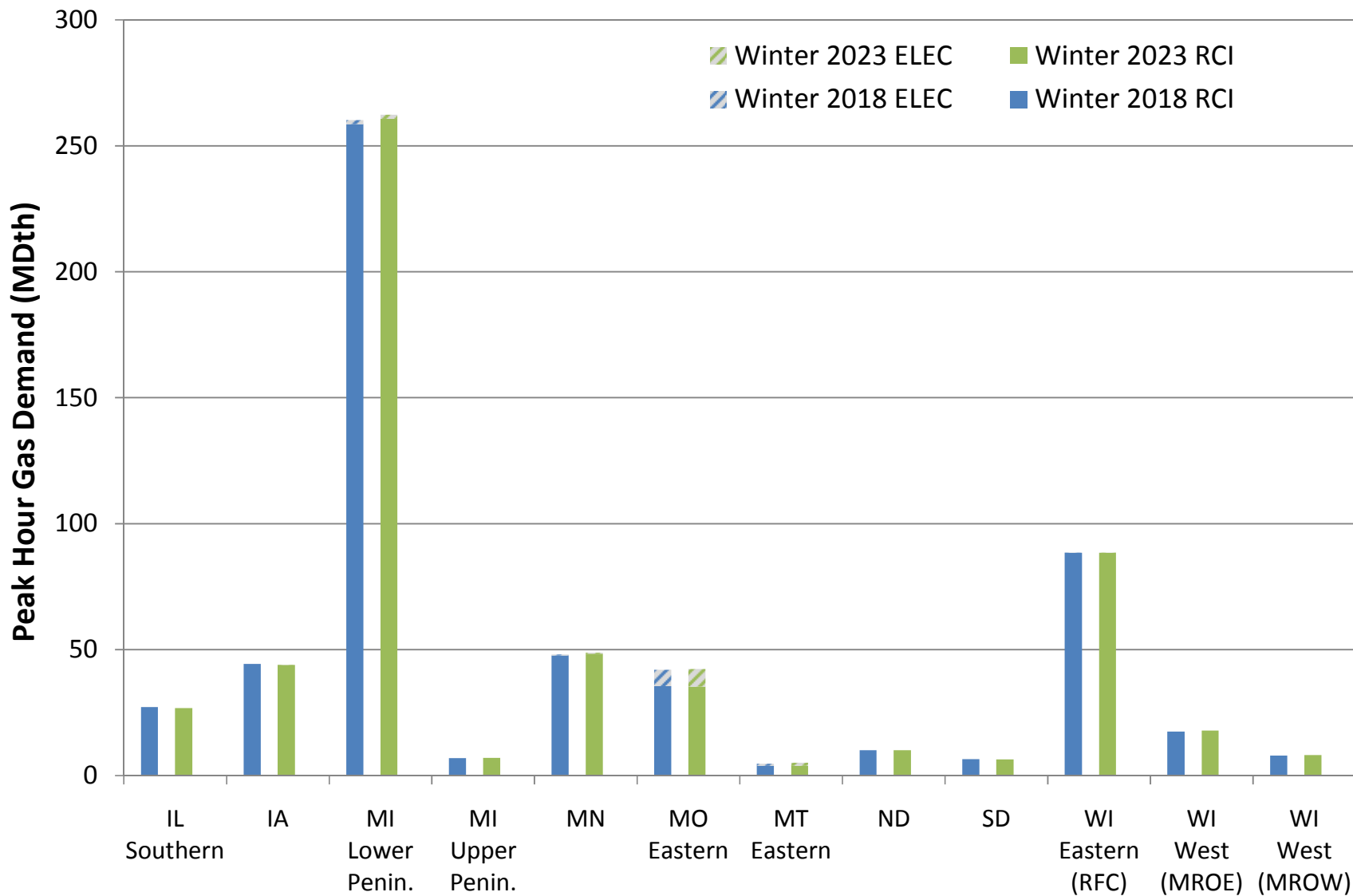


Figure E18-4. RGDS S1 Total Peak Hour Gas Demand – MISO South

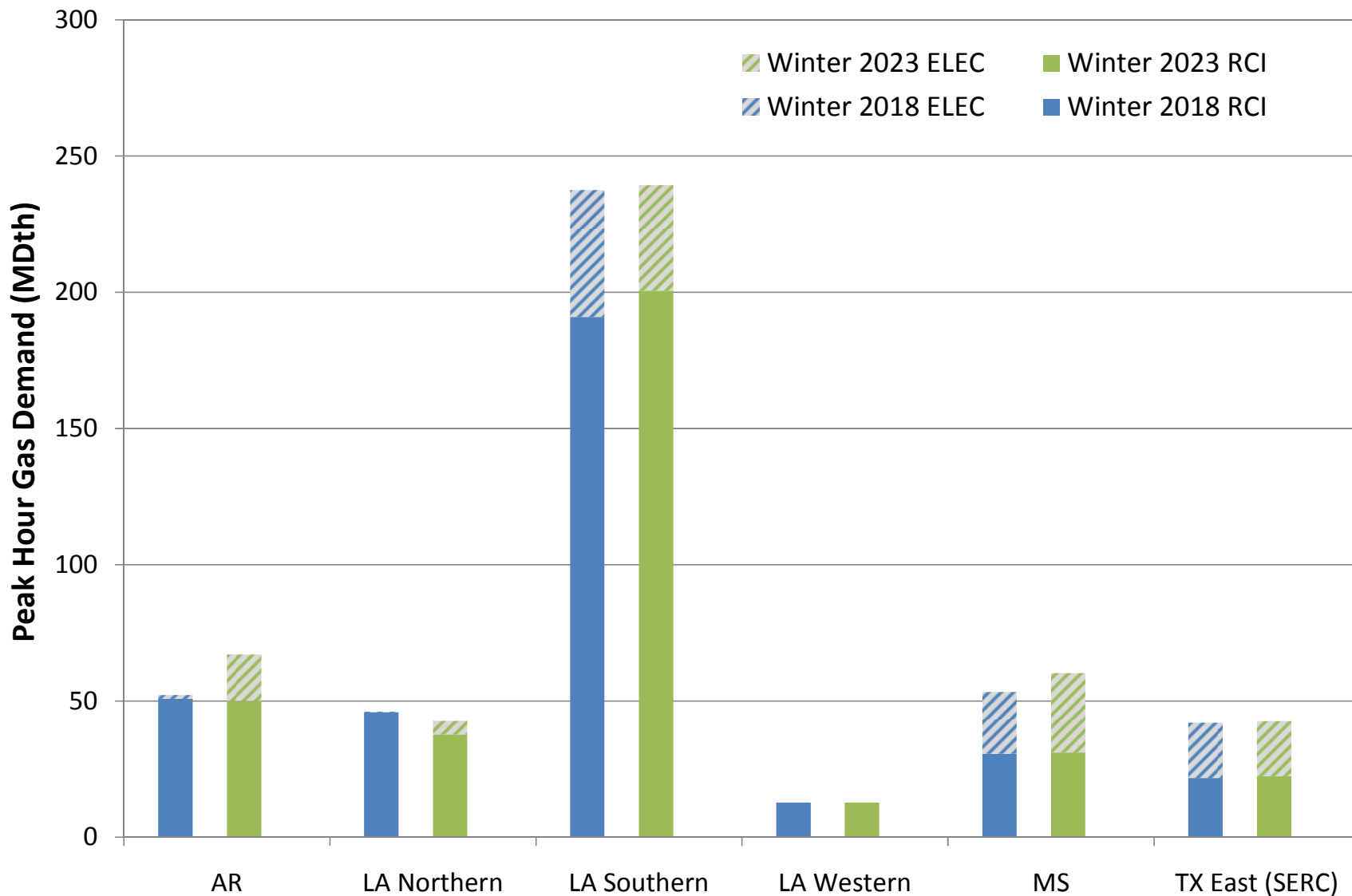


Figure E18-5. RGDS S1 Total Peak Hour Gas Demand – NYISO

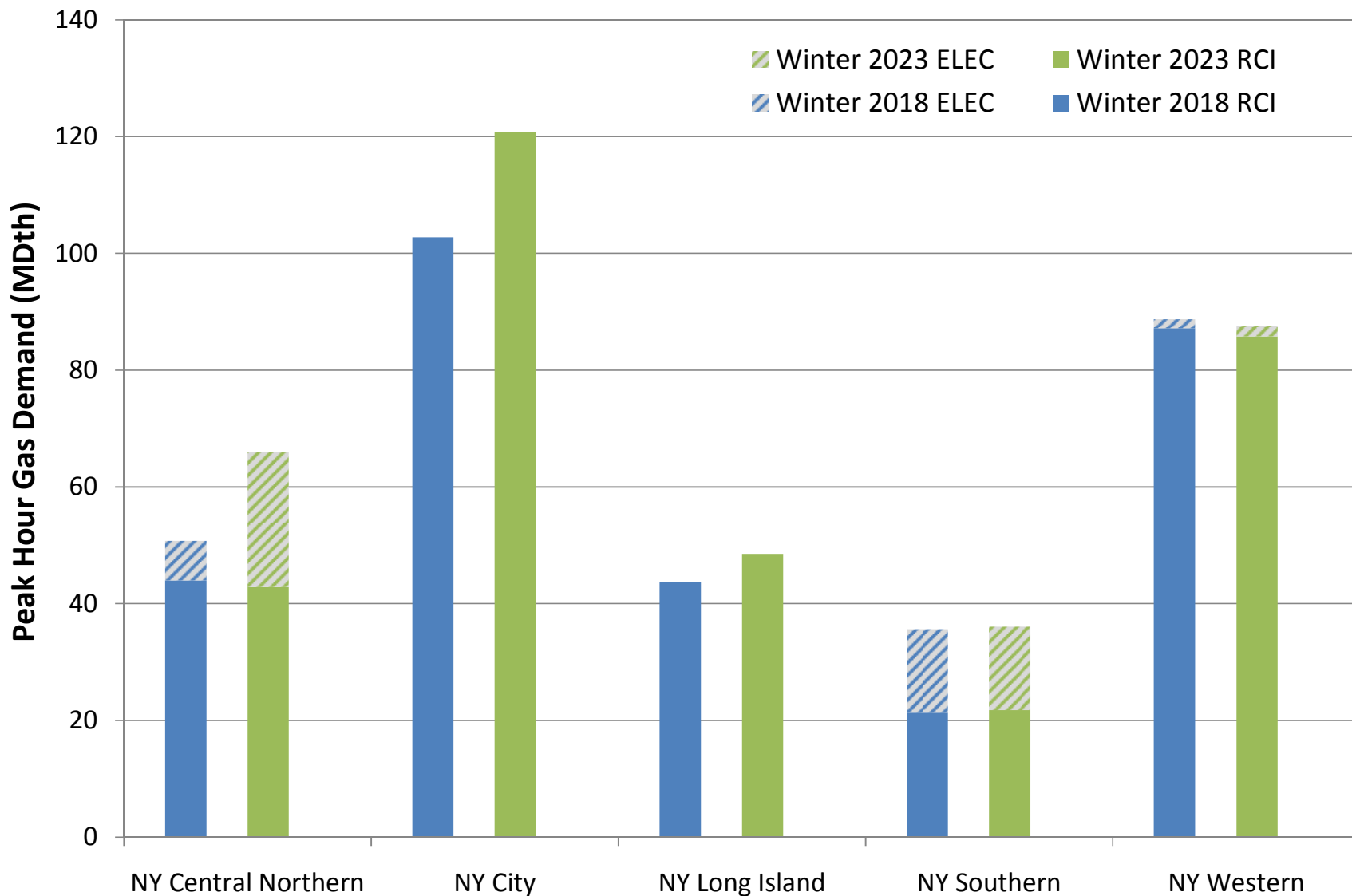


Figure E18-6. RGDS S1 Total Peak Hour Gas Demand – PJM

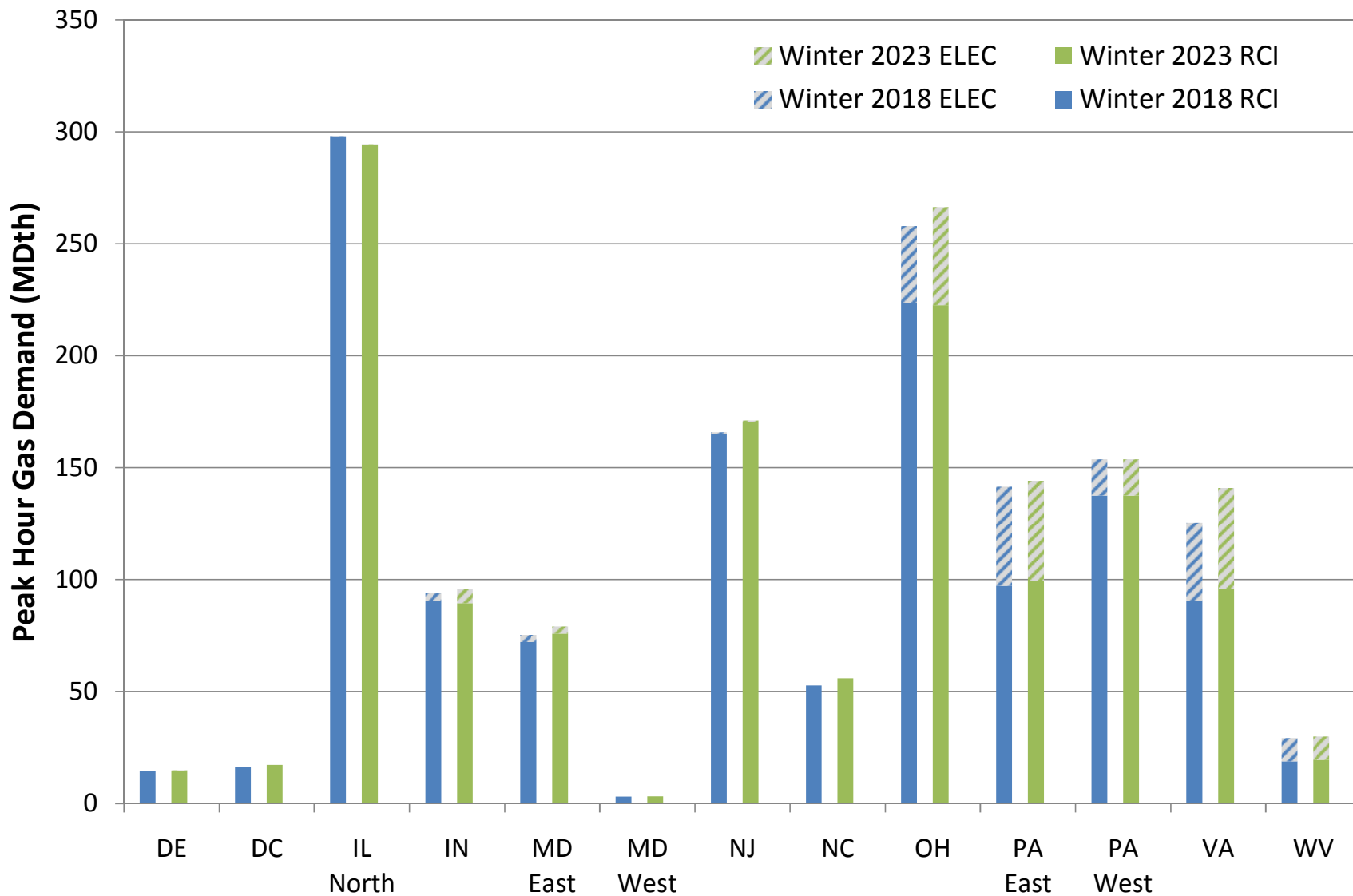


Figure E18-7. RGDS S1 Total Peak Hour Gas Demand – TVA

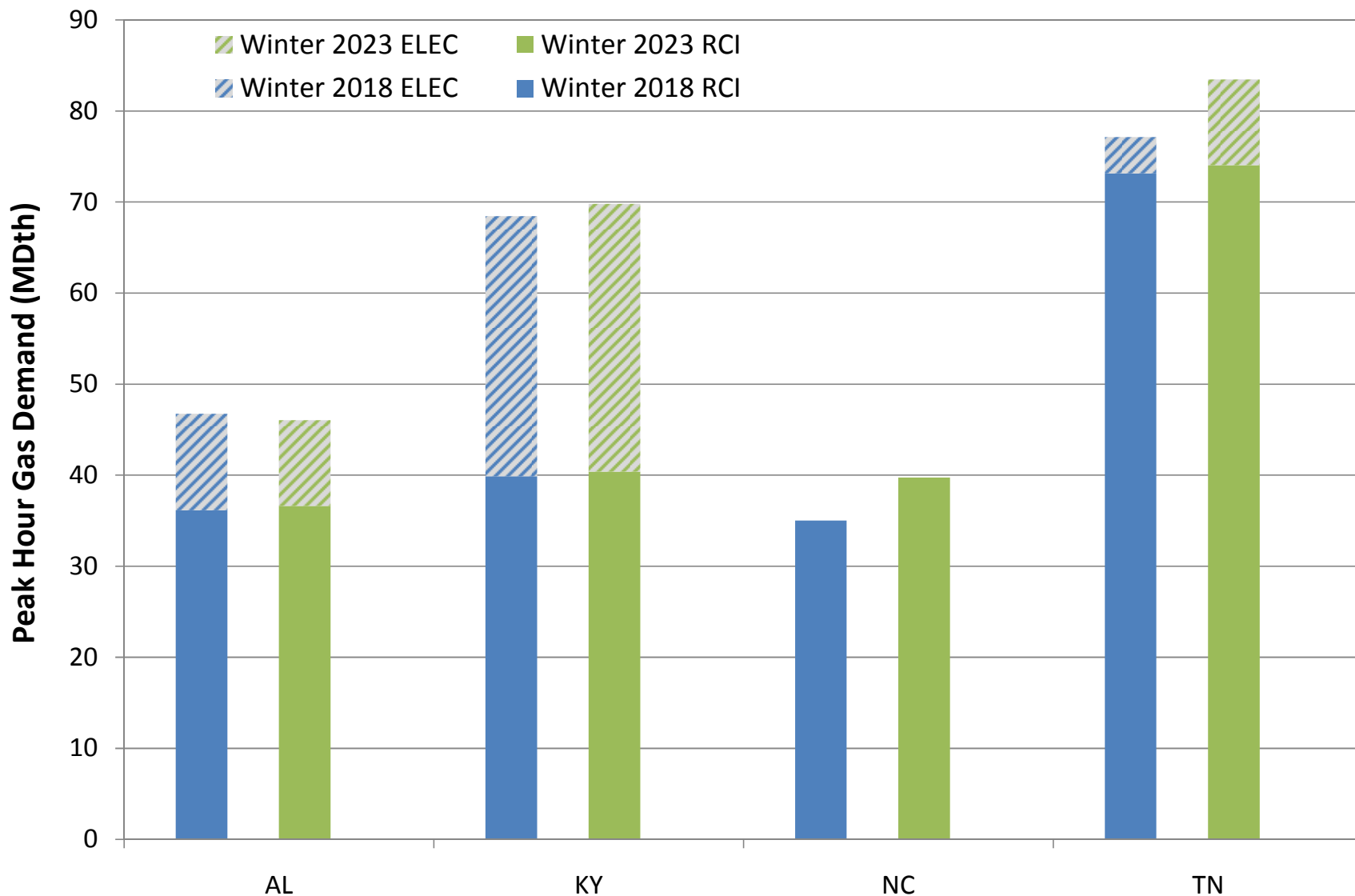




Figure E18-8. HGDS S1 Total Peak Hour Gas Demand – IESO

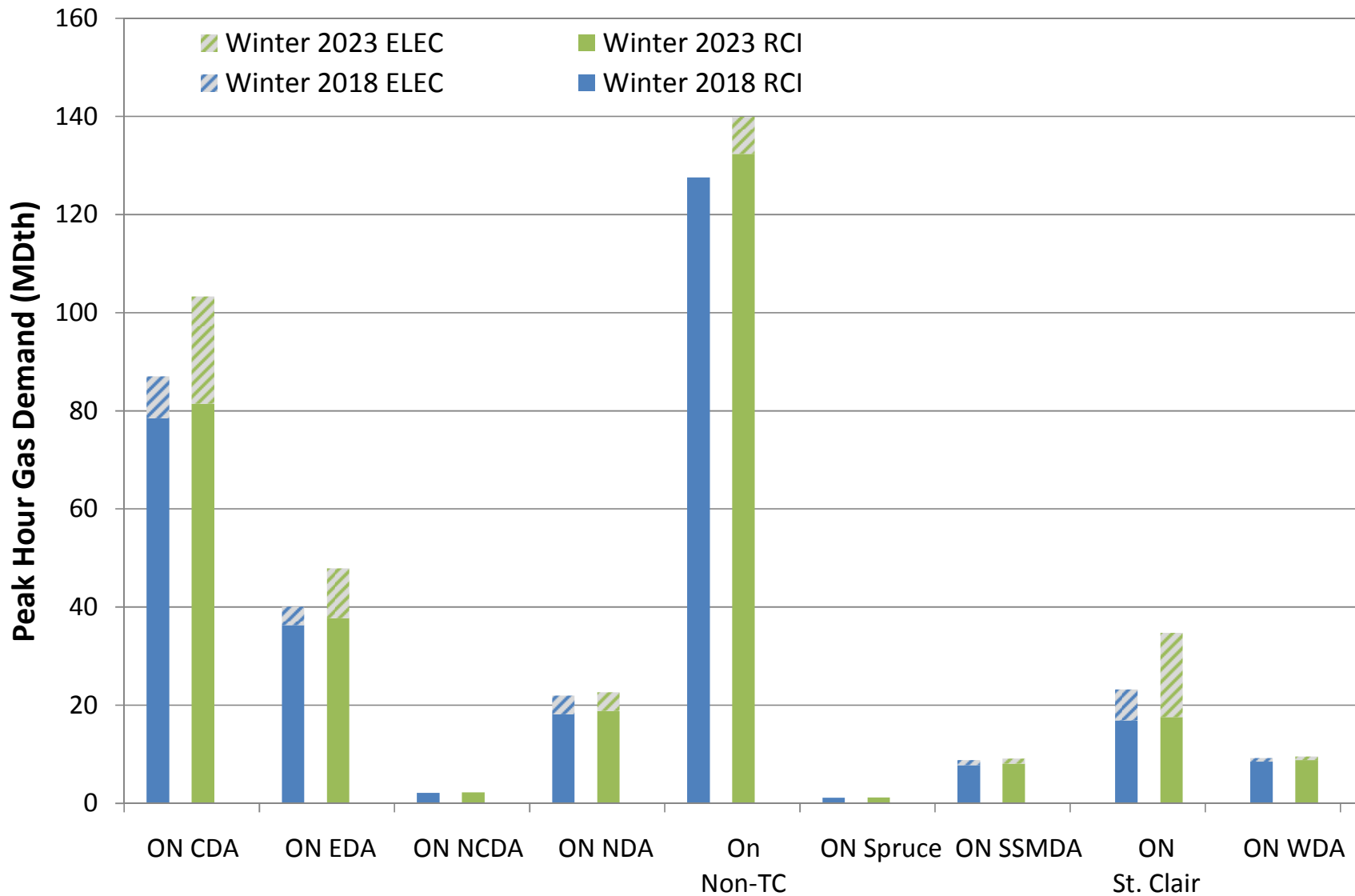


Figure E18-9. HGDS S1 Total Peak Hour Gas Demand – ISO-NE

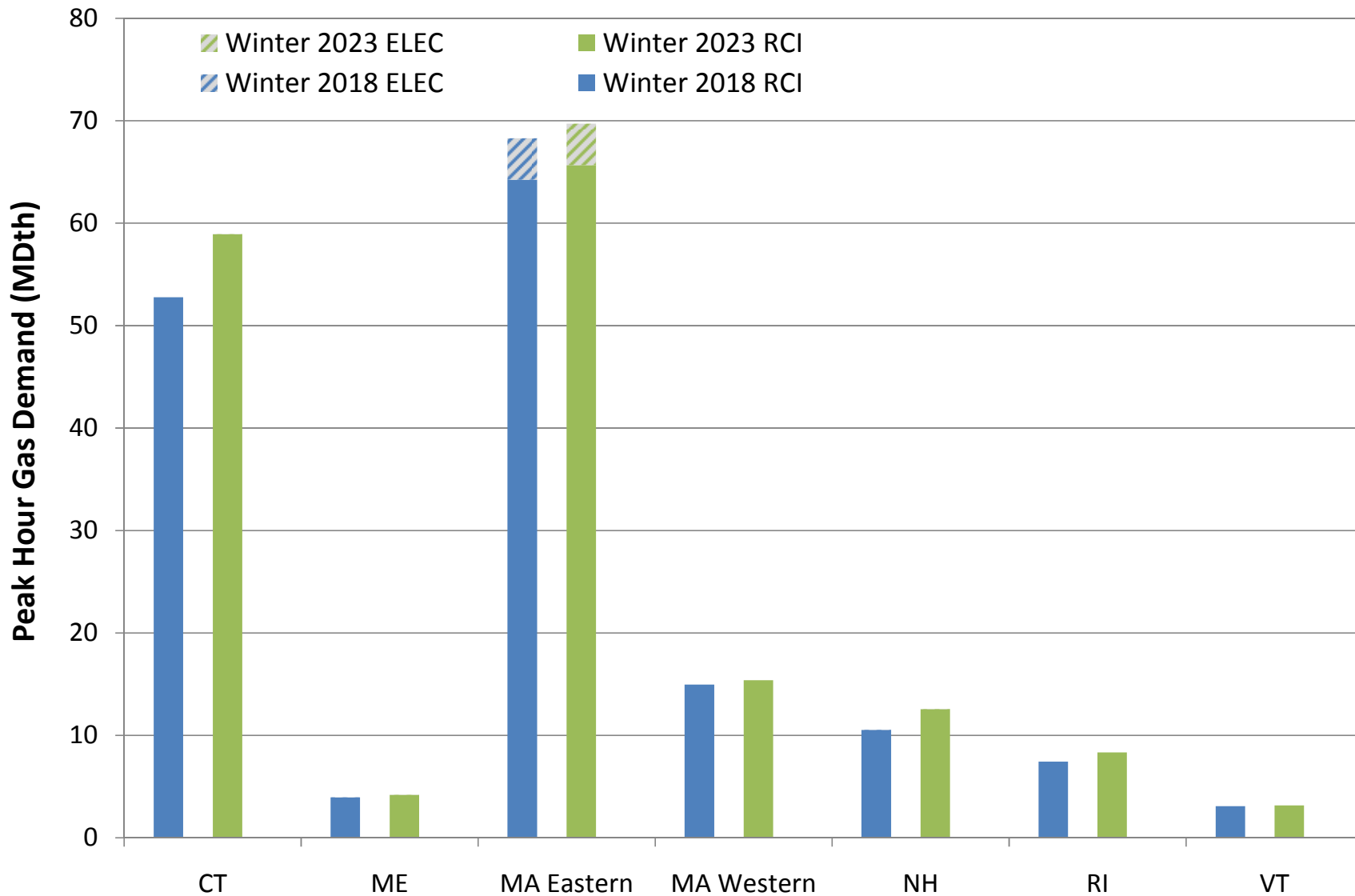


Figure E18-10. HGDS S1 Total Peak Hour Gas Demand – MISO North/Central

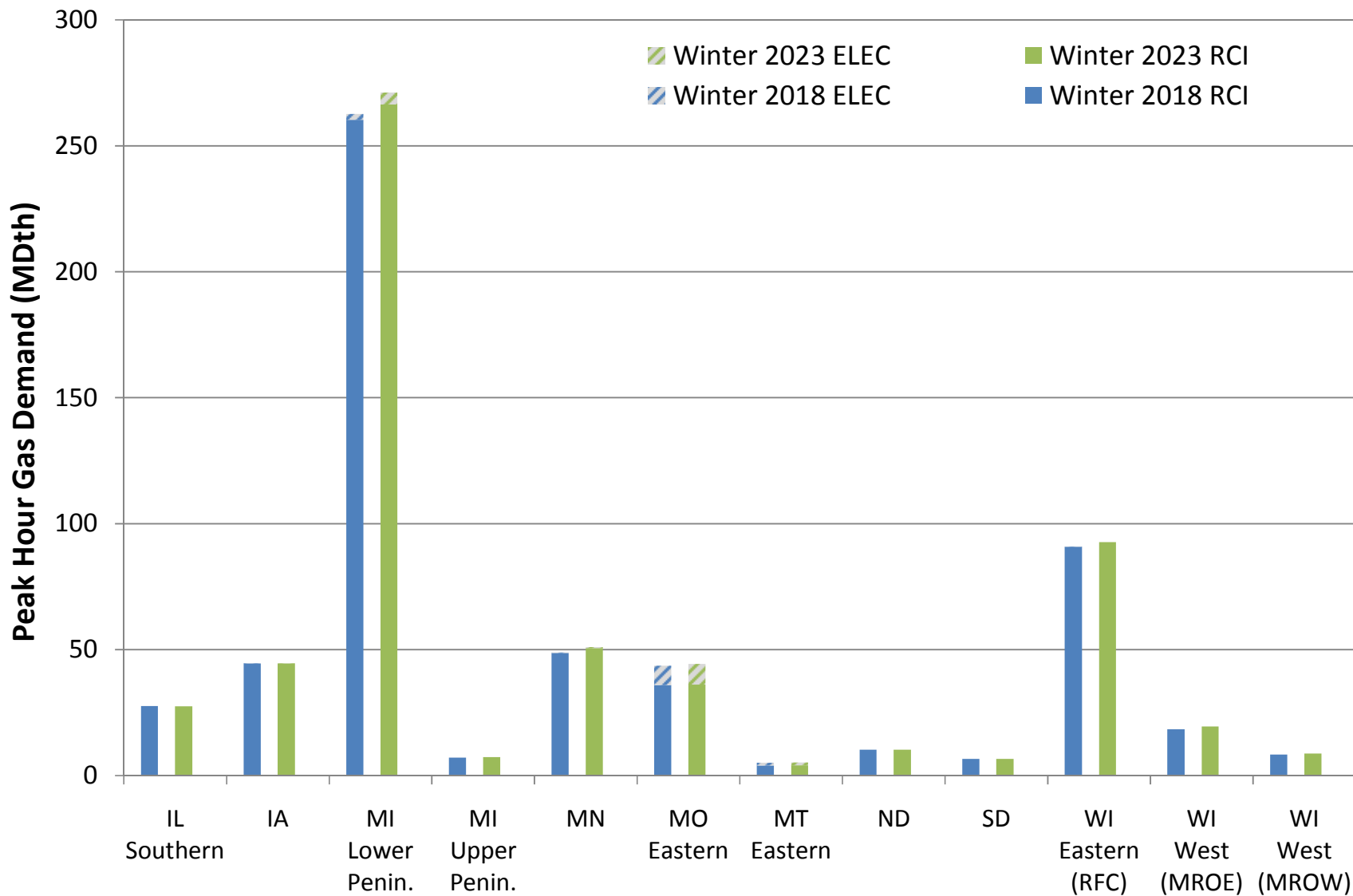


Figure E18-11. HGDS S1 Total Peak Hour Gas Demand – MISO South

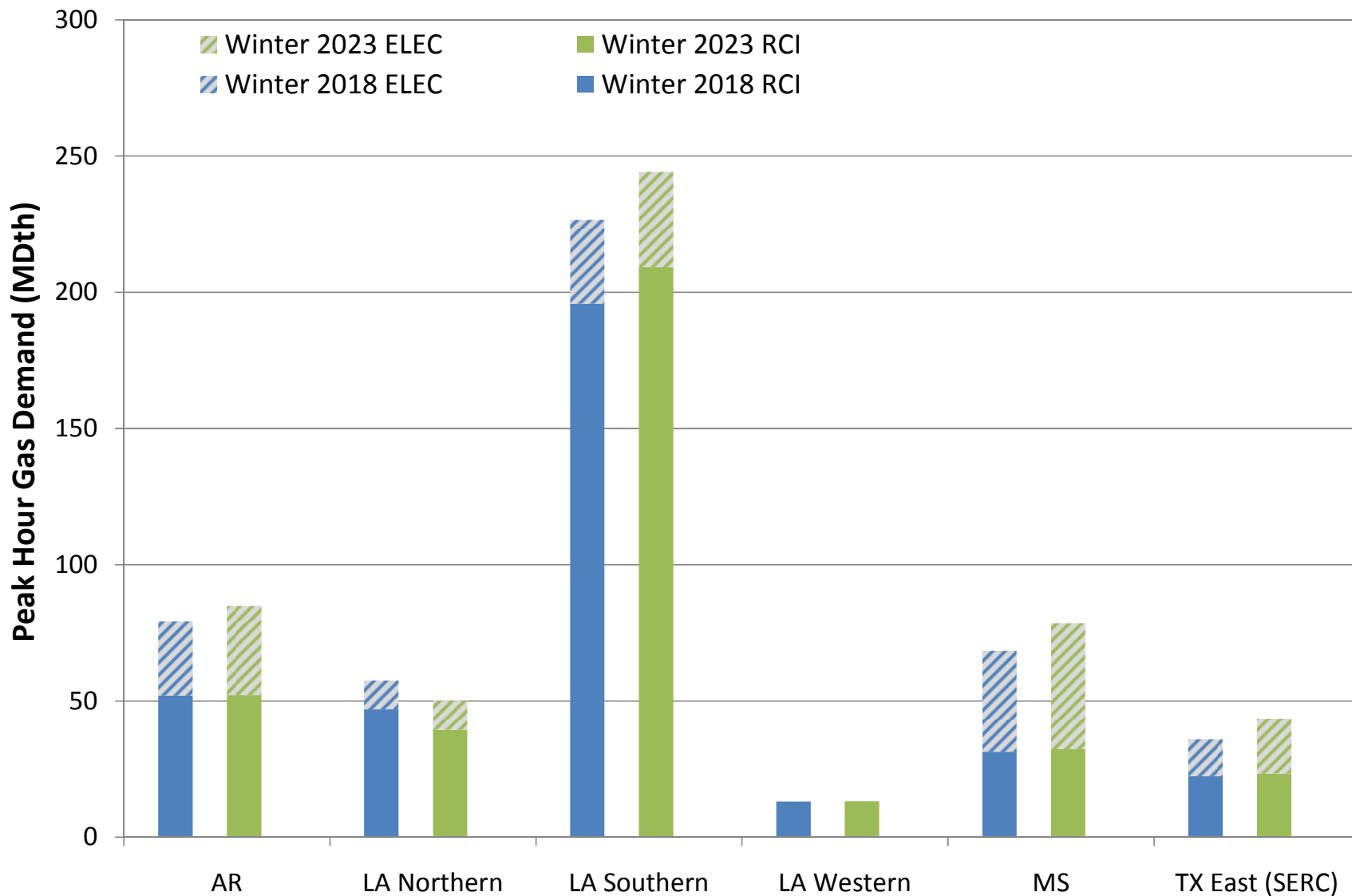


Figure E18-12. HGDS S1 Total Peak Hour Gas Demand – NYISO

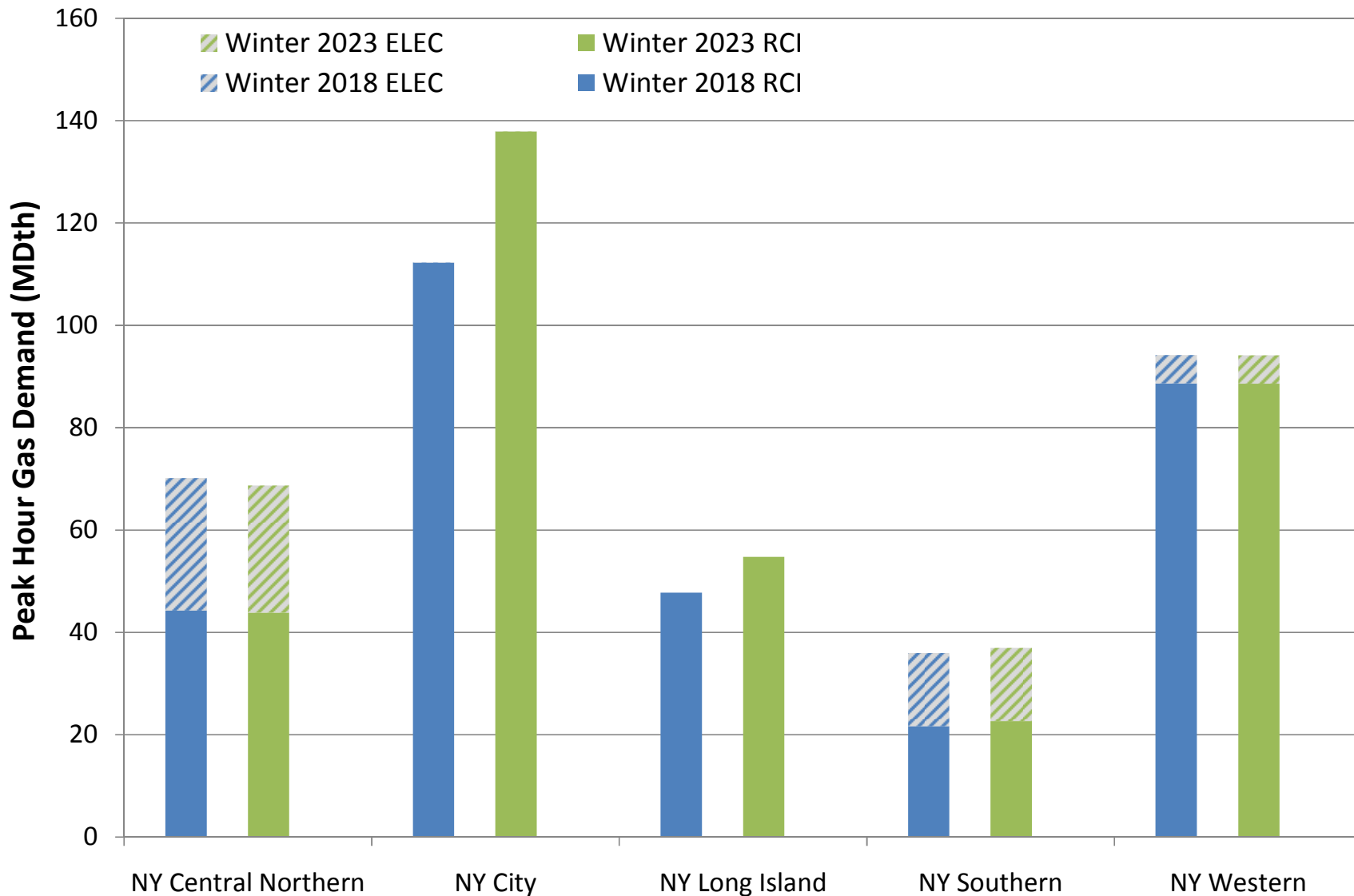


Figure E18-13. HGDS S1 Total Peak Hour Gas Demand – PJM

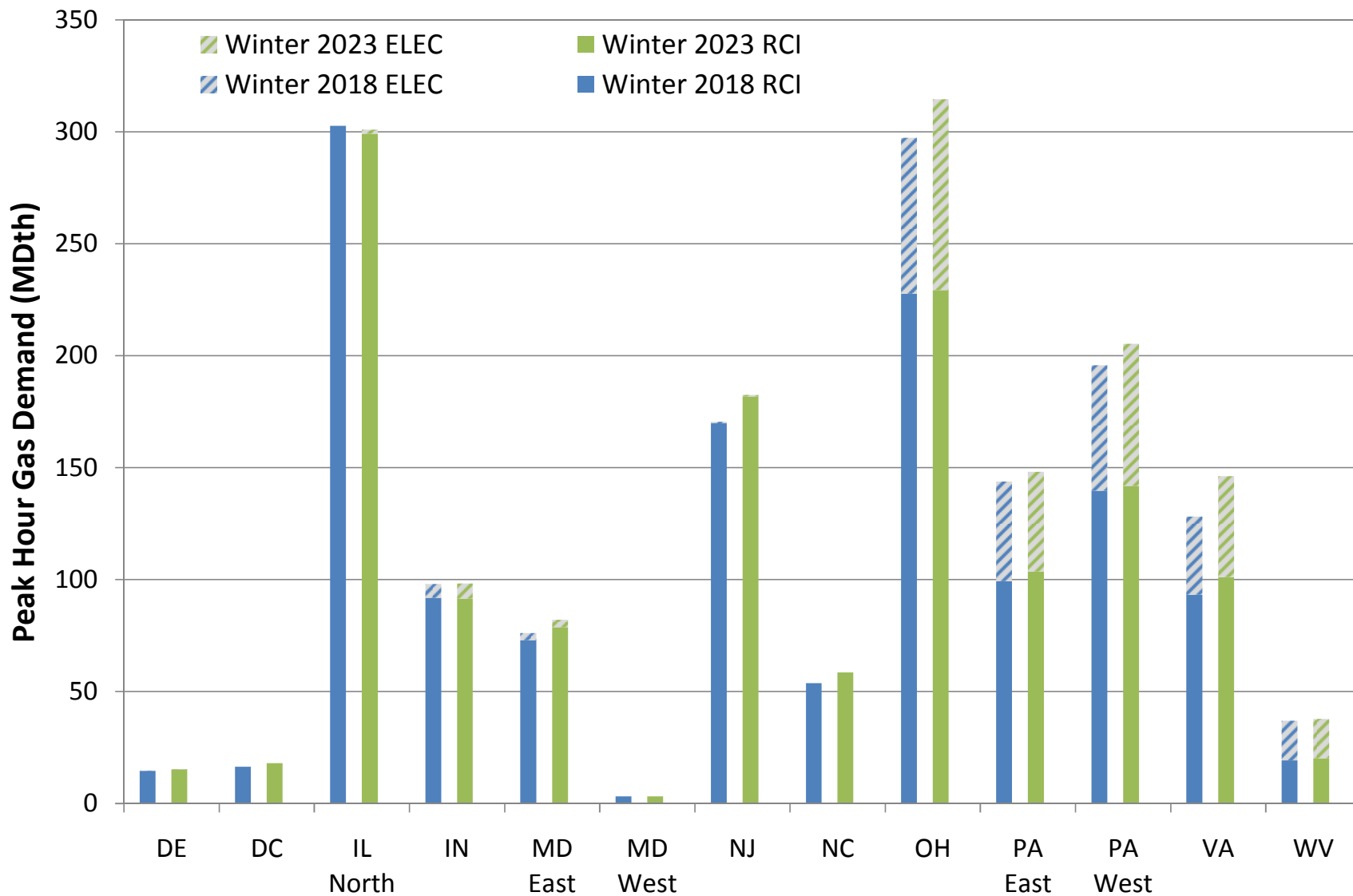


Figure E18-14. HGDS S1 Total Peak Hour Gas Demand – TVA

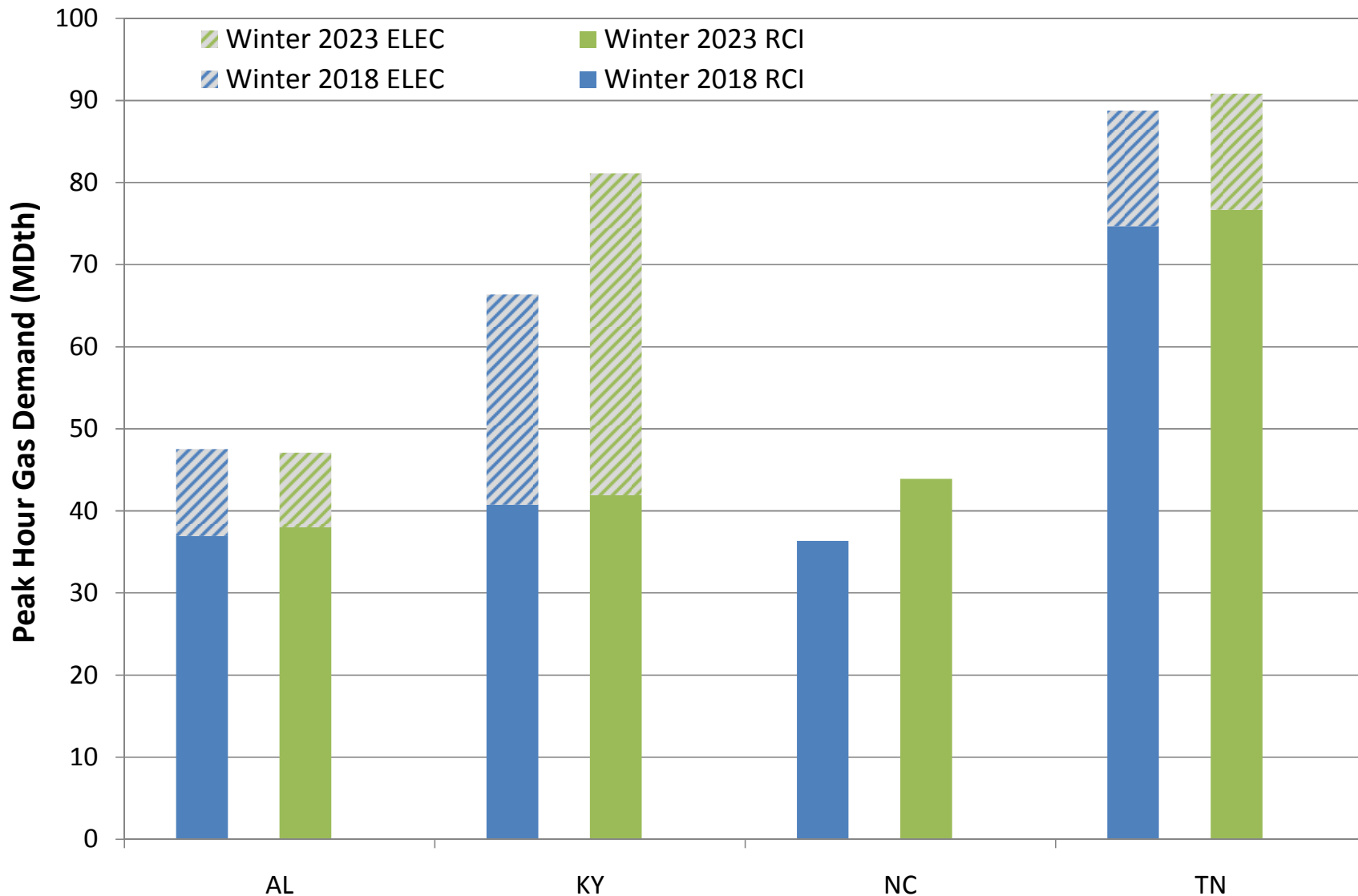


Figure E18-15. LGDS S1 Total Peak Hour Gas Demand – IESO

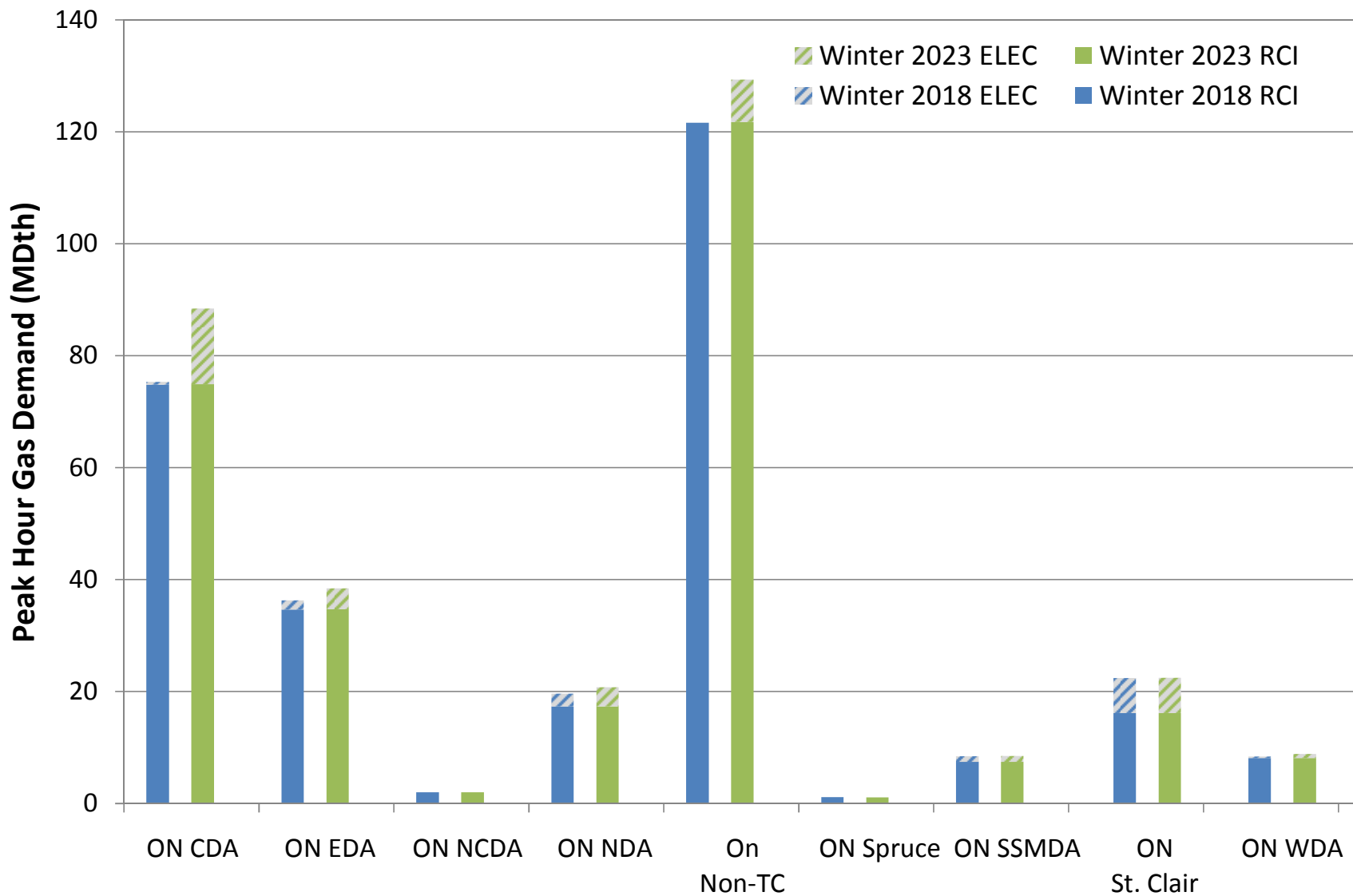




Figure E18-16. LGDS S1 Total Peak Hour Gas Demand – ISO-NE

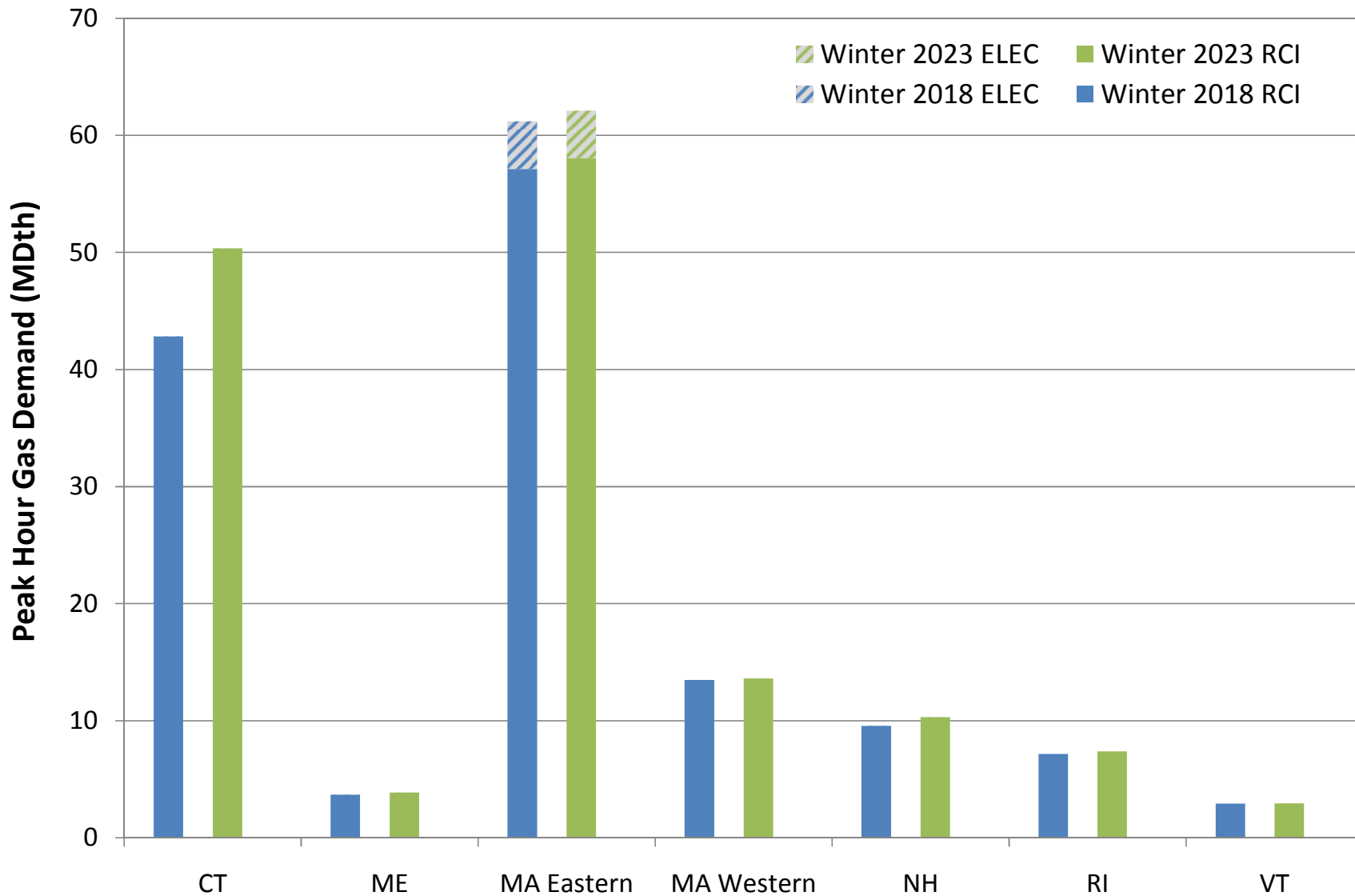


Figure E18-17. LGDS S1 Total Peak Hour Gas Demand – MISO North/Central

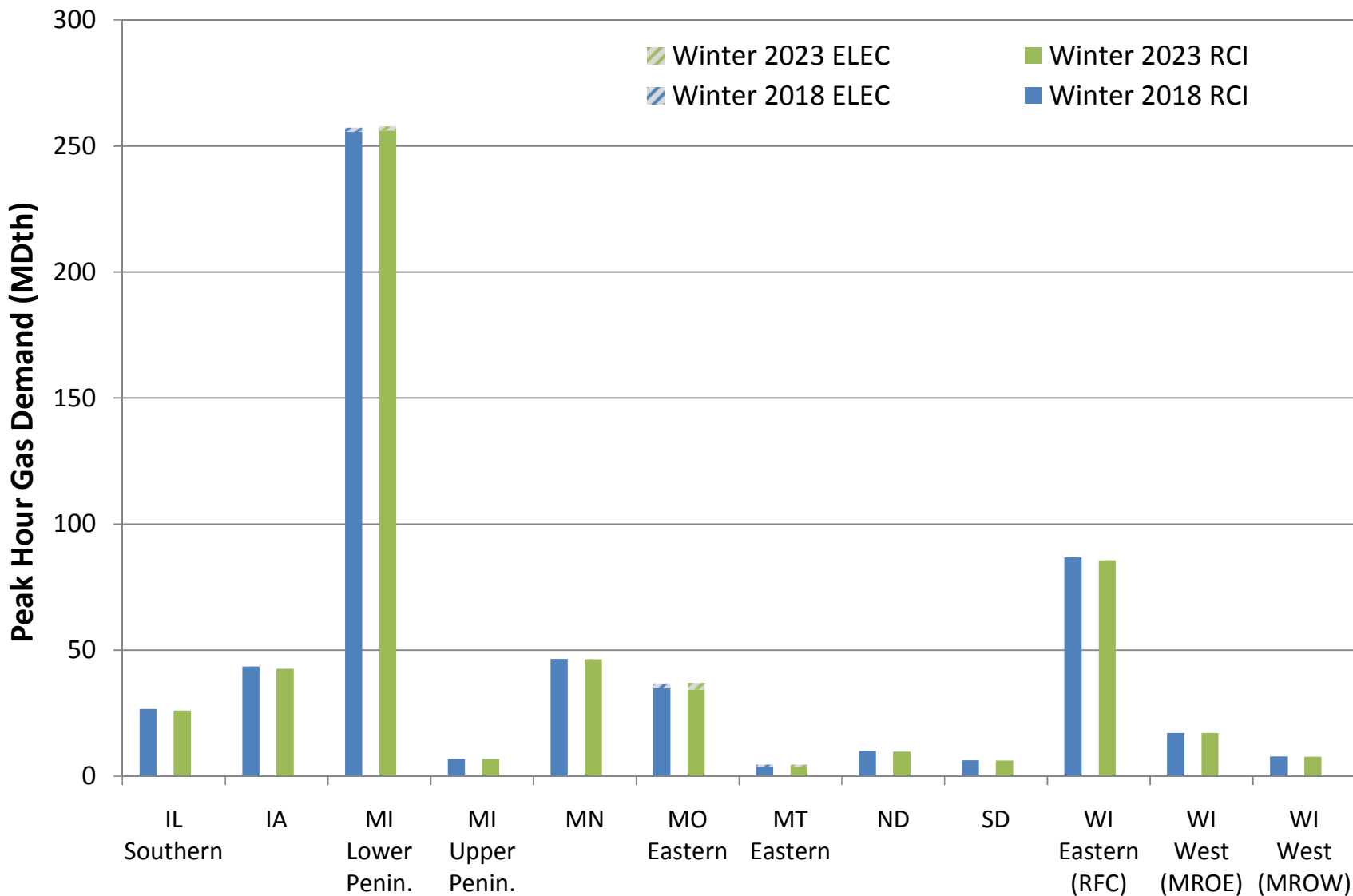


Figure E18-18. LGDS S1 Total Peak Hour Gas Demand – MISO South

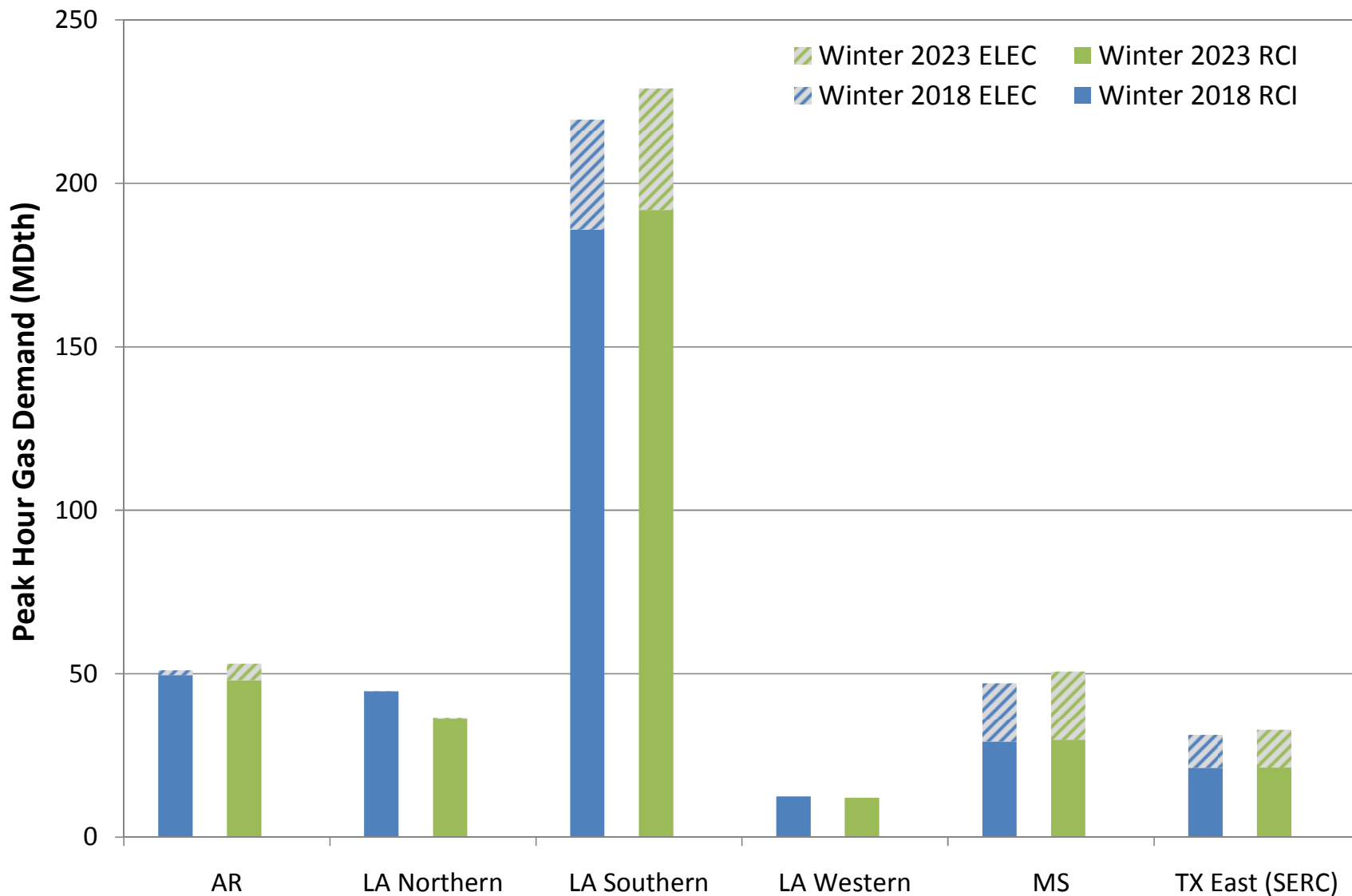


Figure E18-19. LGDS S1 Total Peak Hour Gas Demand – NYISO

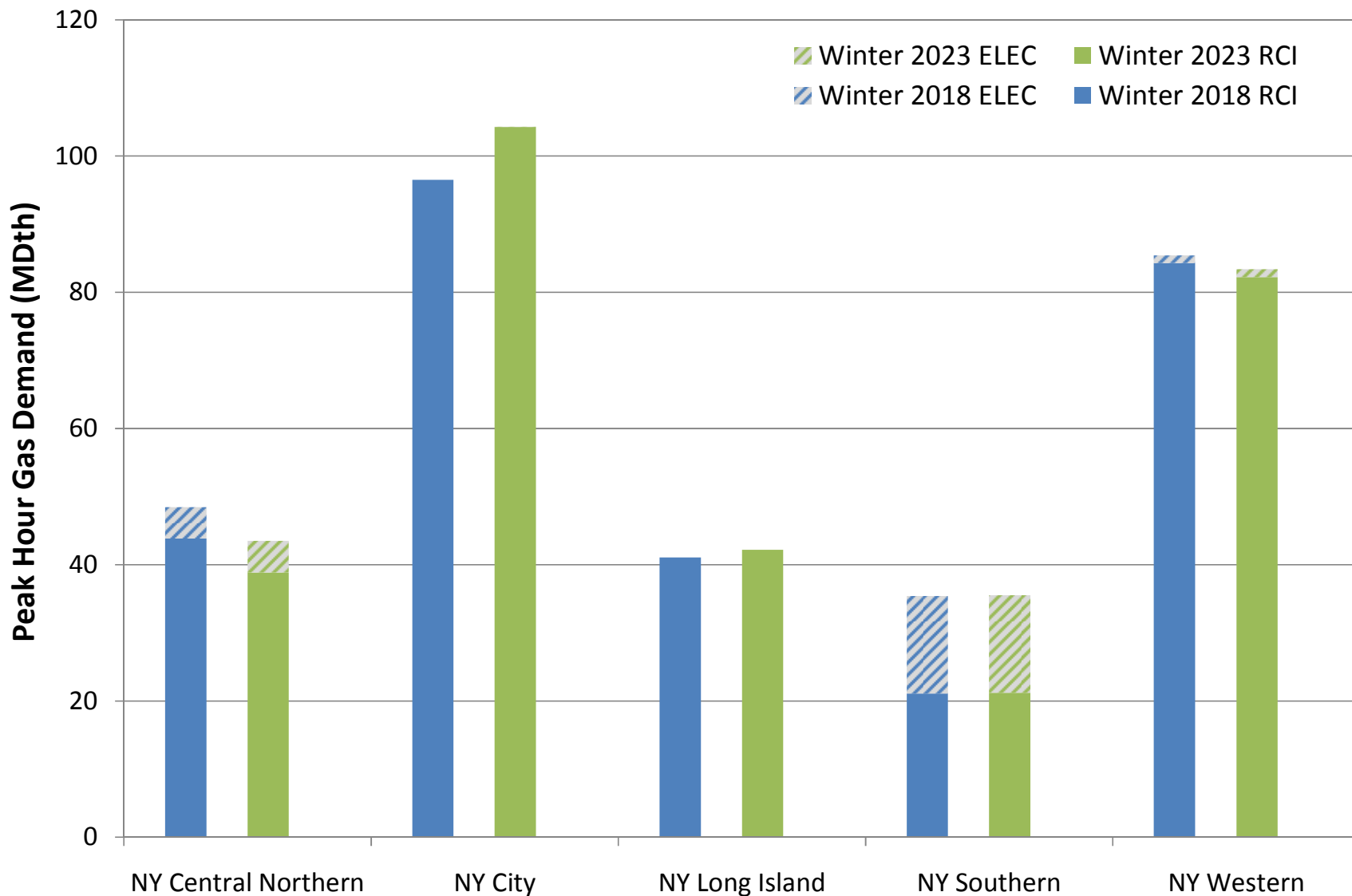


Figure E18-20. LGDS S1 Total Peak Hour Gas Demand – PJM

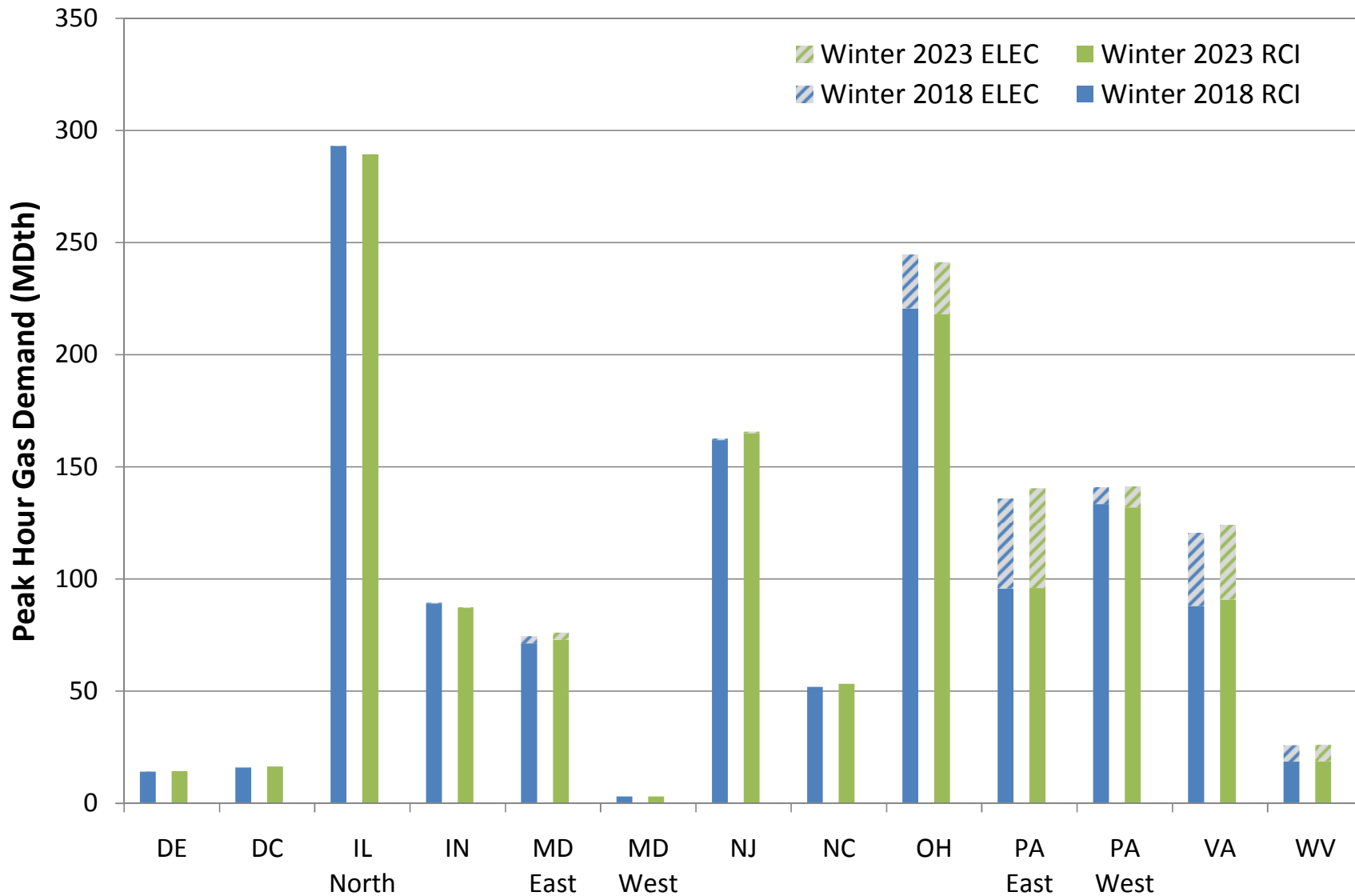


Figure E18-21. LGDS S1 Total Peak Hour Gas Demand – TVA

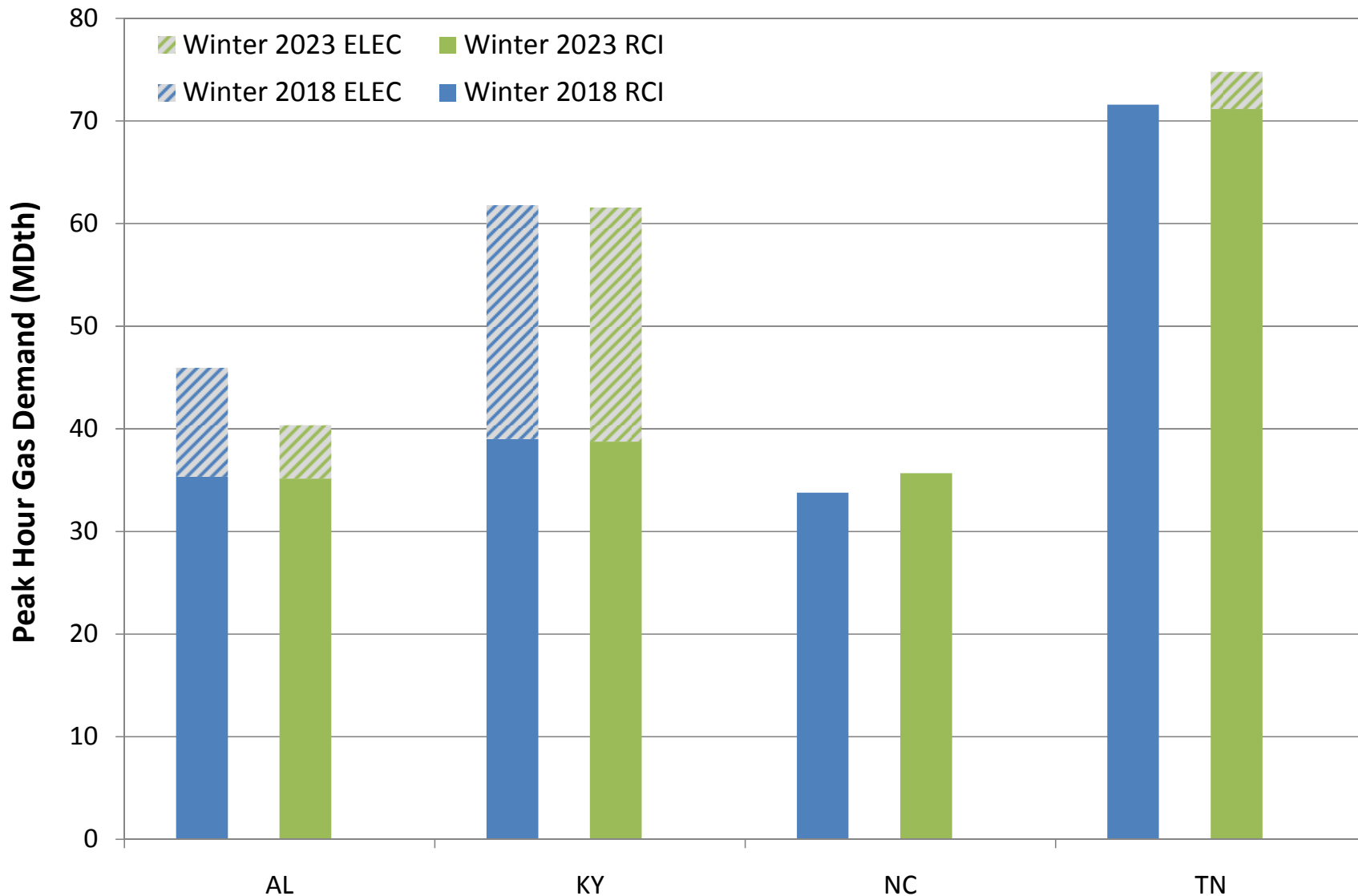


Figure E18-22. HGDS S2 Total Peak Hour Gas Demand – IESO

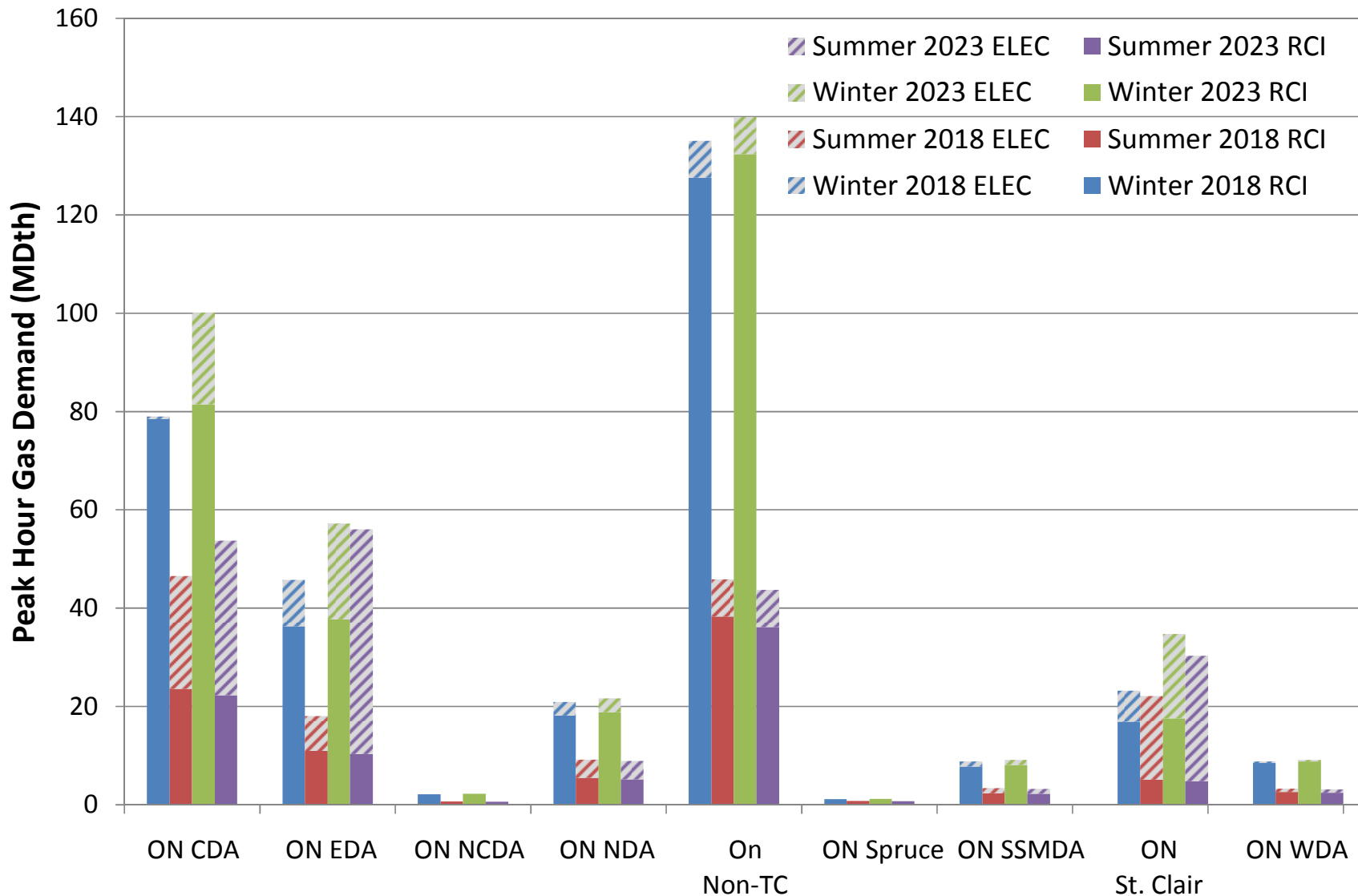


Figure E18-23. HGDS S2 Total Peak Hour Gas Demand – ISO-NE

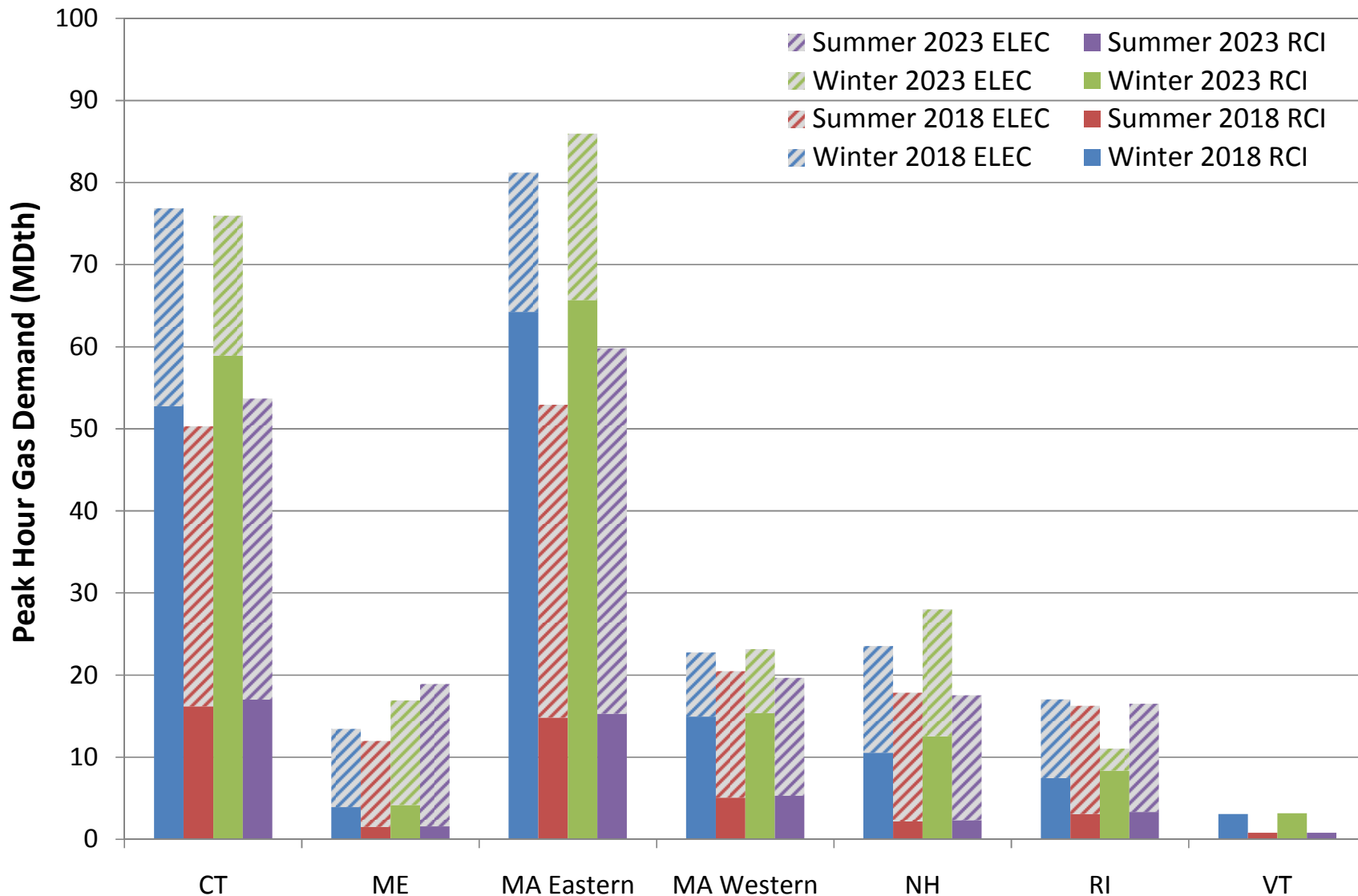




Figure E18-24. HGDS S2 Total Peak Hour Gas Demand – MISO North/Central

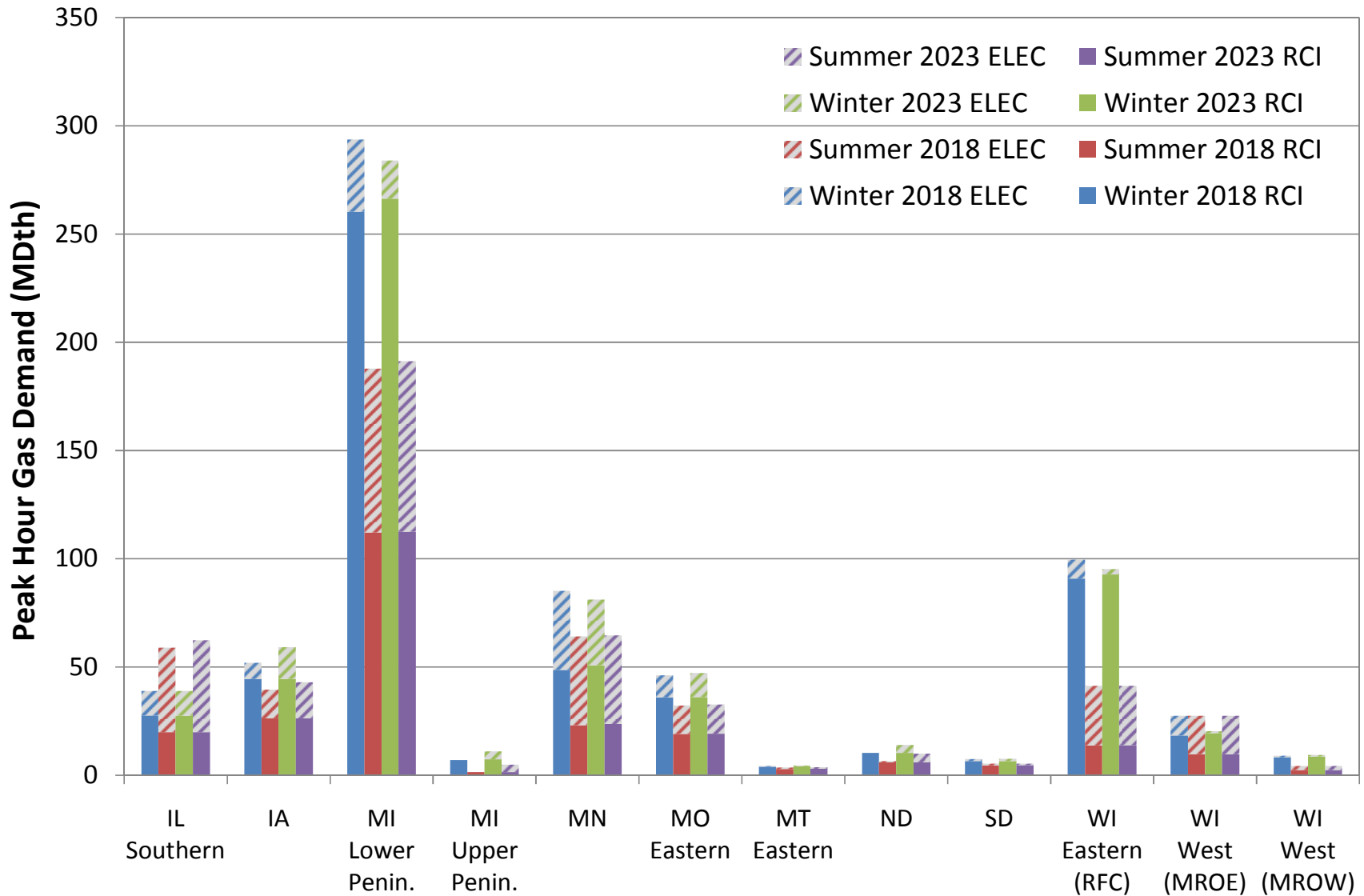


Figure E18-25. HGDS S2 Total Peak Hour Gas Demand – MISO South

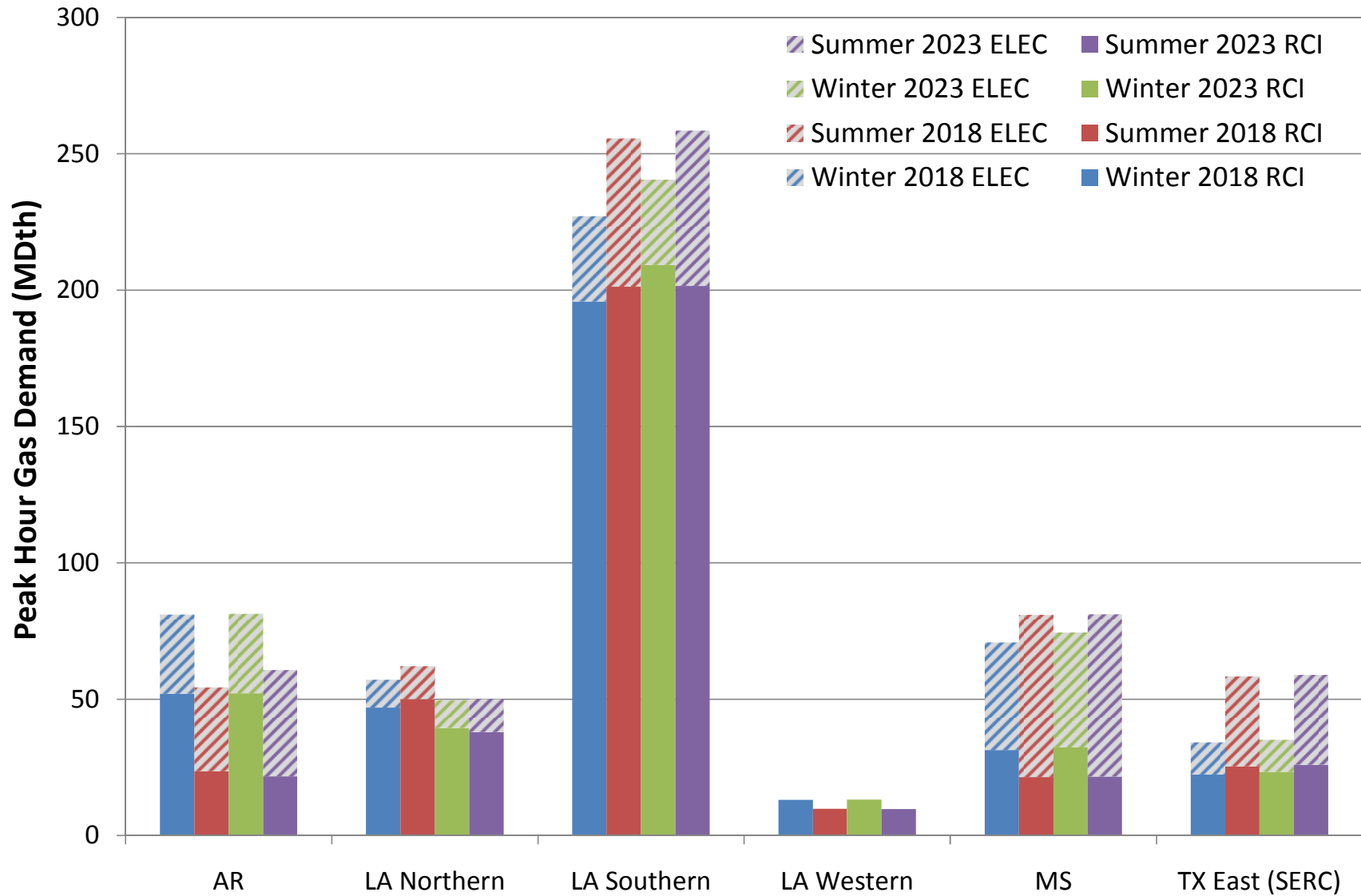


Figure E18-26. HGDS S2 Total Peak Hour Gas Demand – NYISO

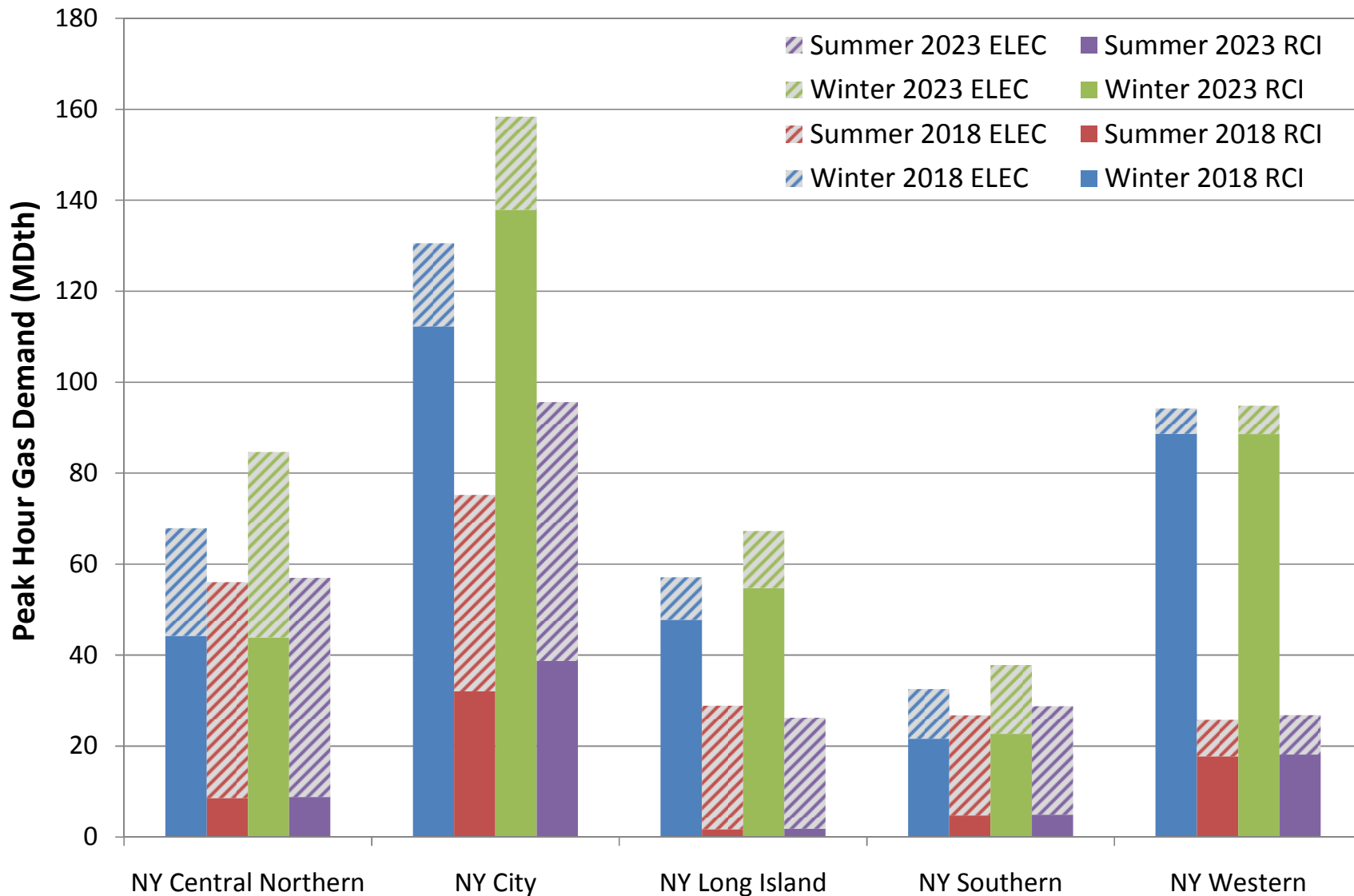


Figure E18-27. HGDS S2 Total Peak Hour Gas Demand – PJM

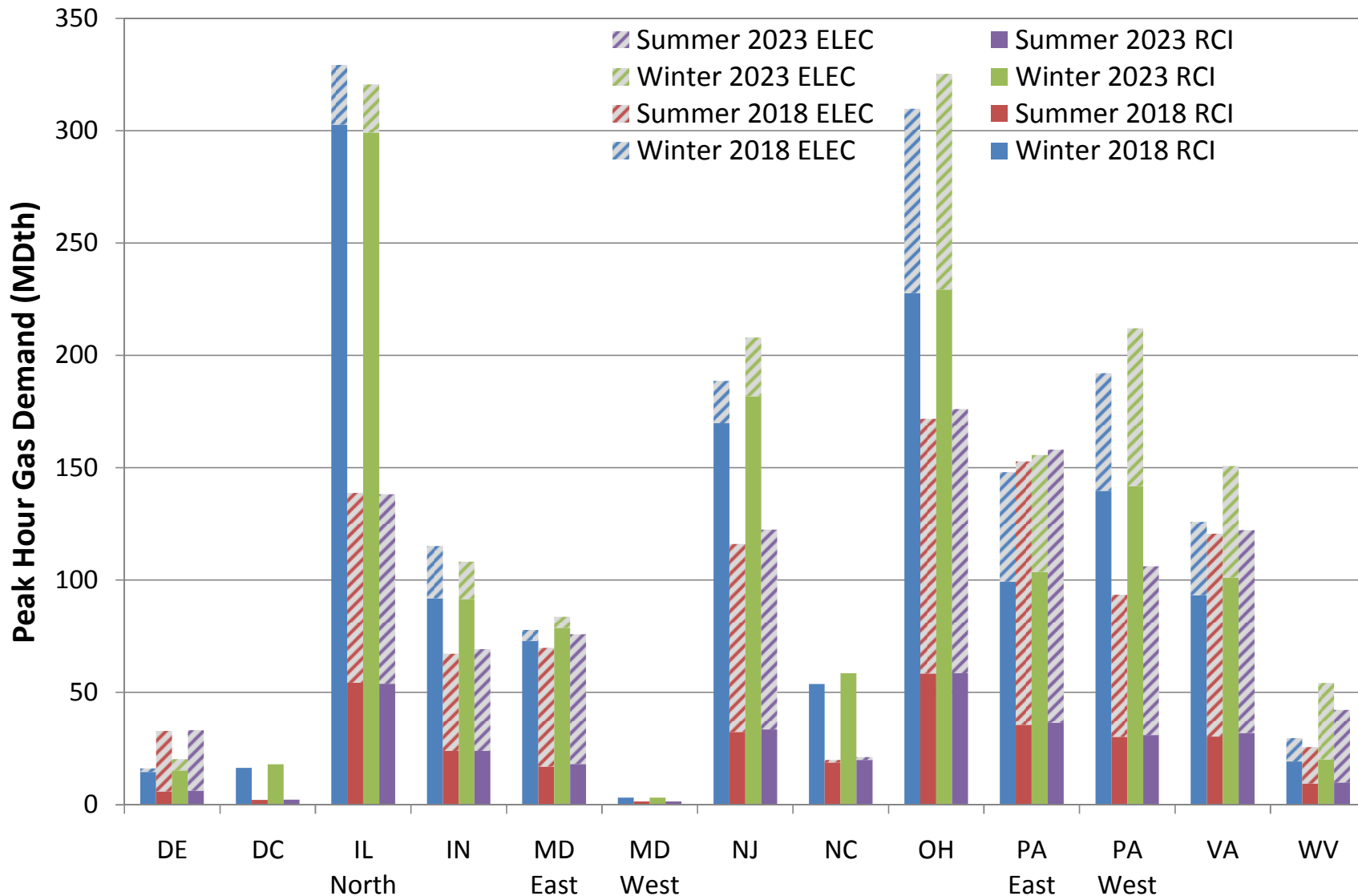


Figure E18-28. HGDS S2 Total Peak Hour Gas Demand – TVA

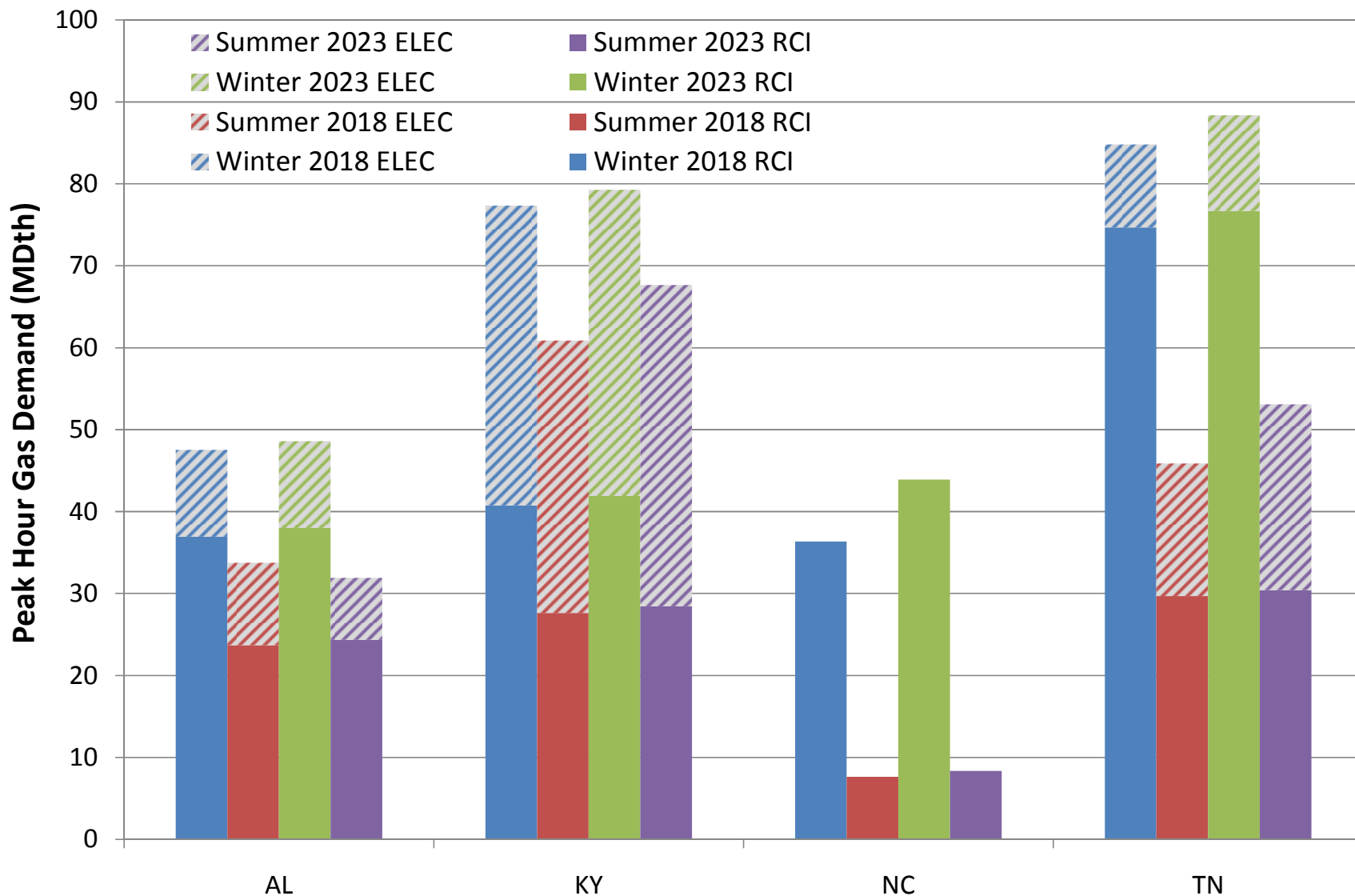


Figure E18-29. LGDS S2 Total Peak Hour Gas Demand – IESO

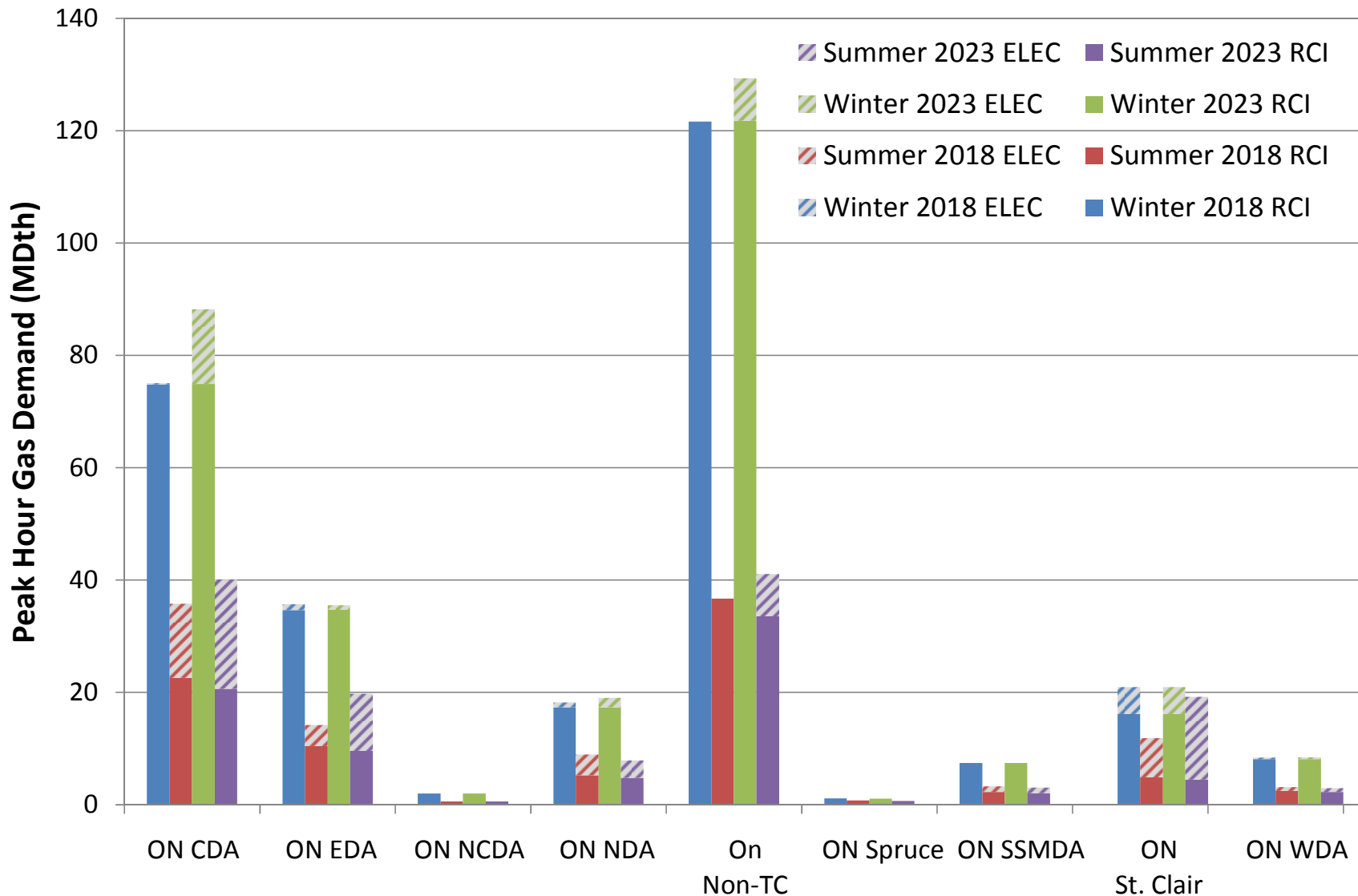


Figure E18-30. LGDS S2 Total Peak Hour Gas Demand – ISO-NE

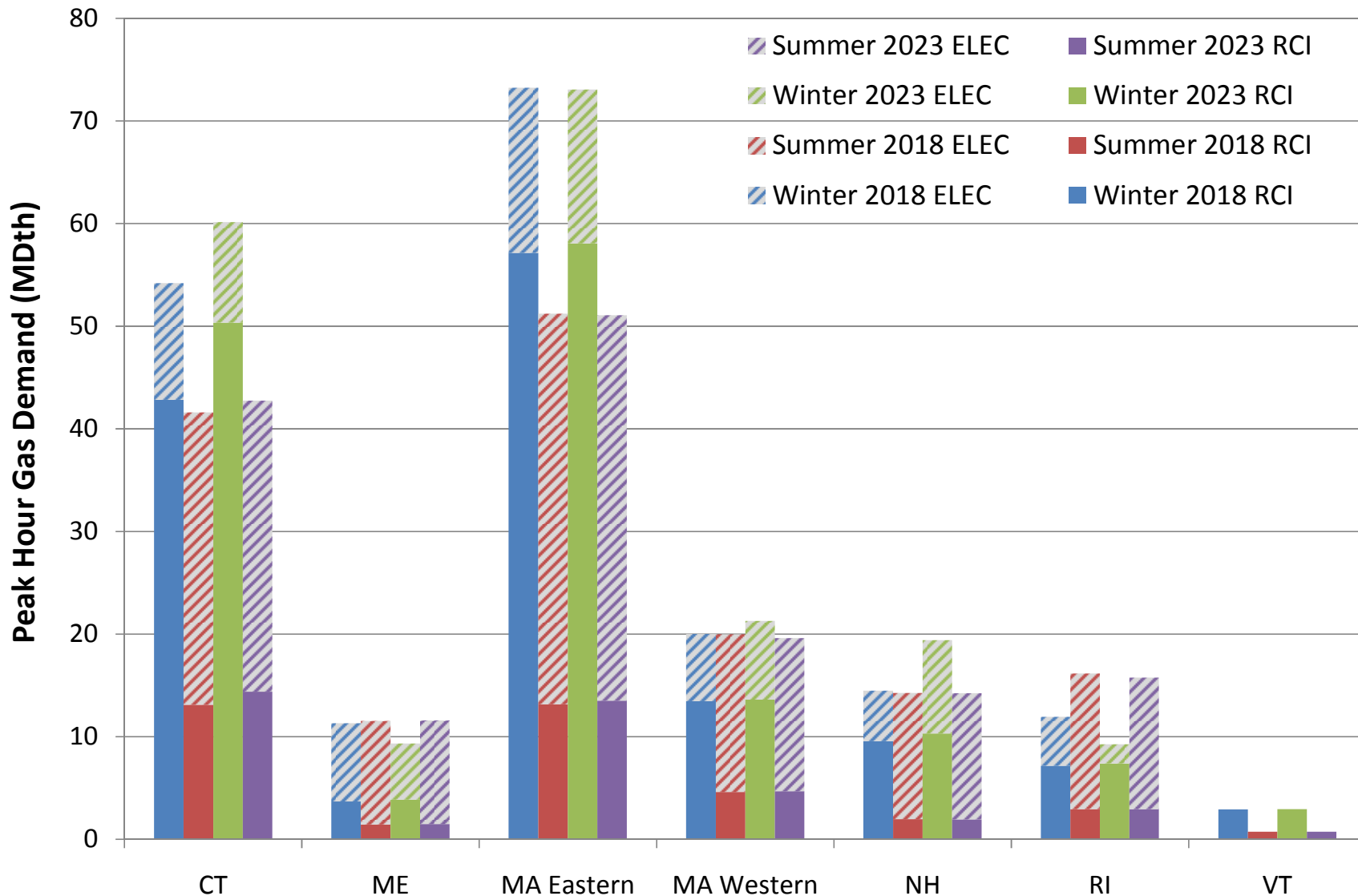


Figure E18-31. LGDS S2 Total Peak Hour Gas Demand – MISO North/Central

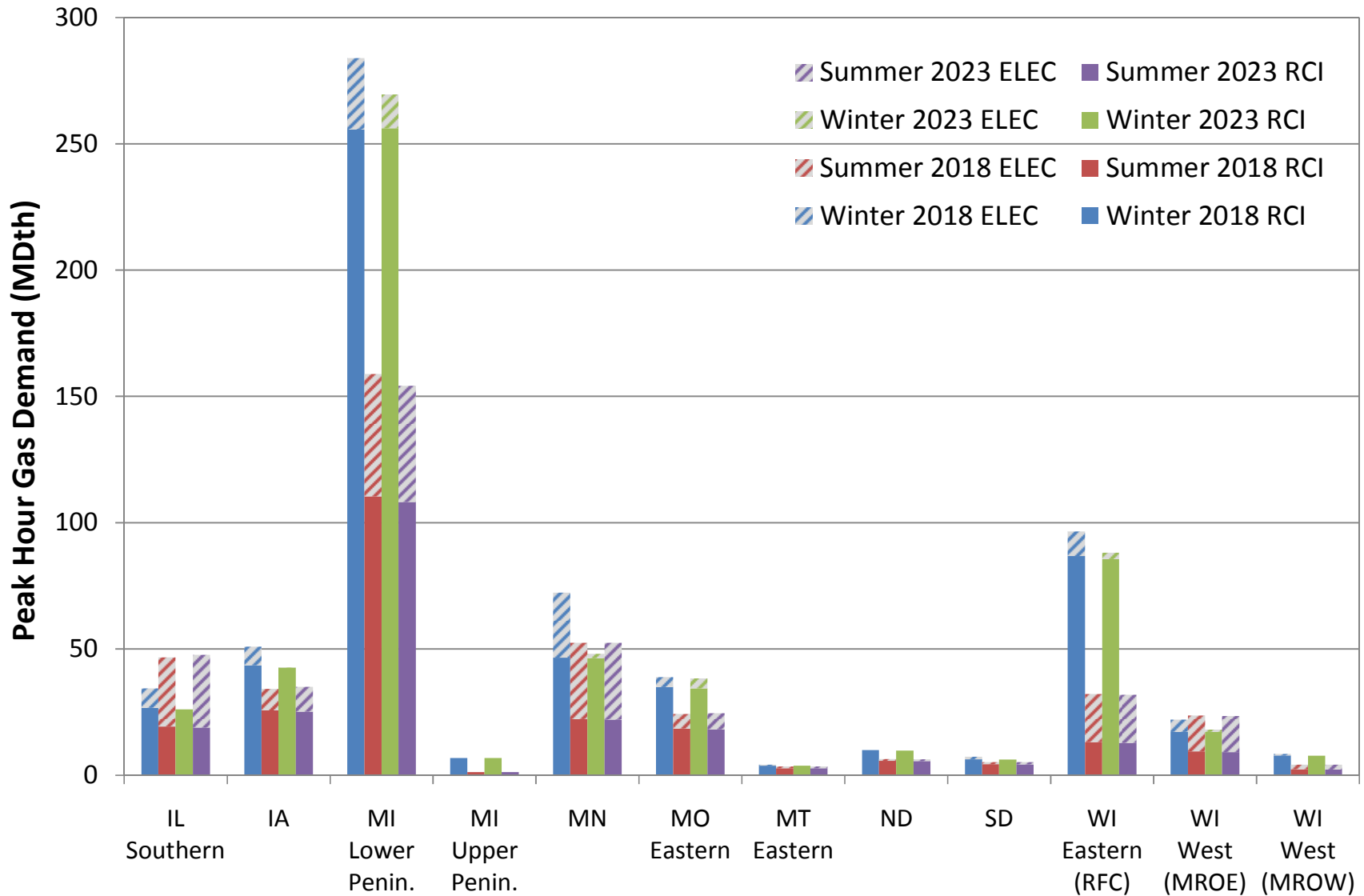




Figure E18-32. LGDS S2 Total Peak Hour Gas Demand – MISO South

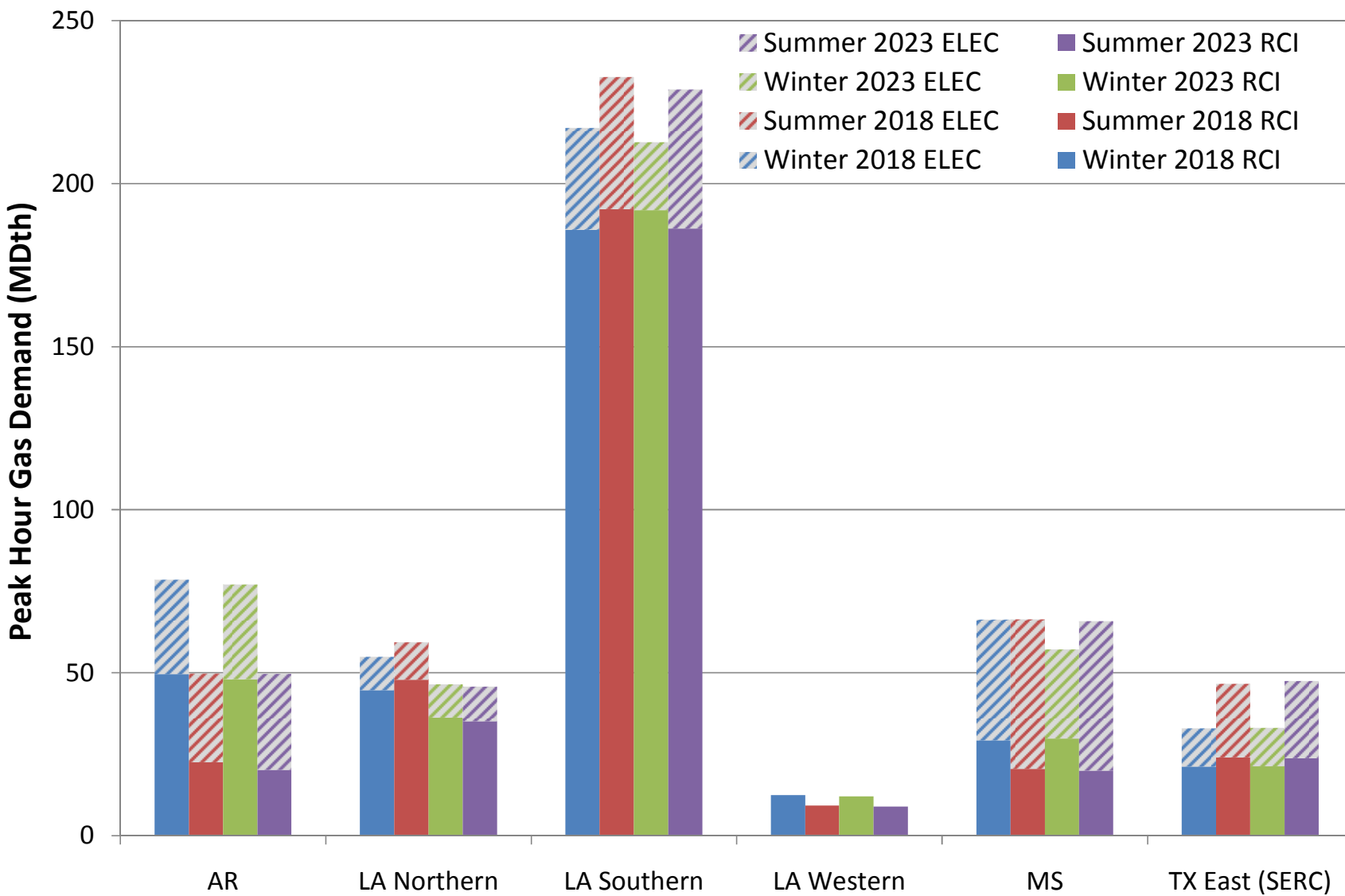


Figure E18-33. LGDS S2 Total Peak Hour Gas Demand – NYISO

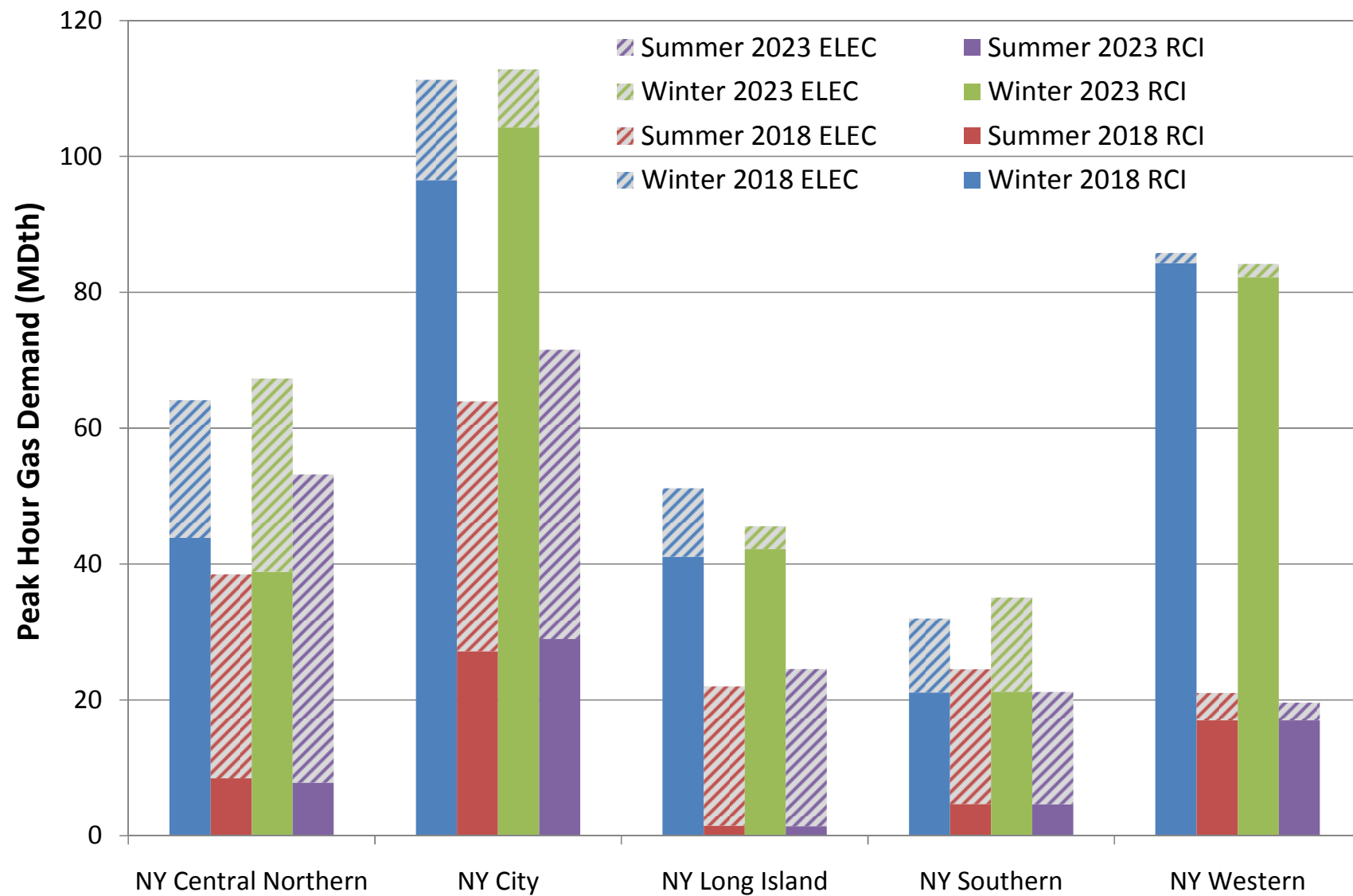


Figure E18-34. LGDS S2 Total Peak Hour Gas Demand – PJM

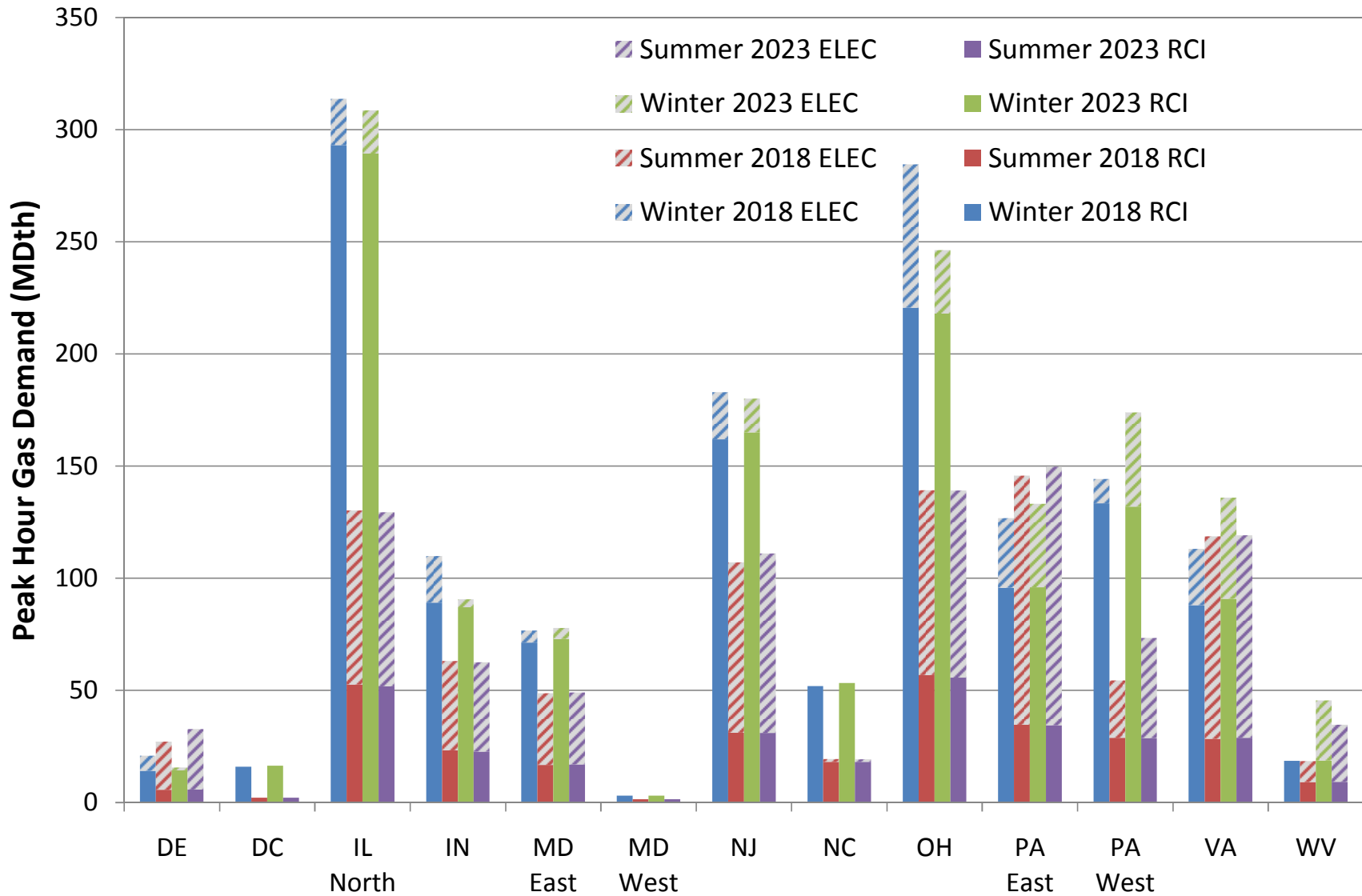


Figure E18-35. LGDS S2 Total Peak Hour Gas Demand – TVA

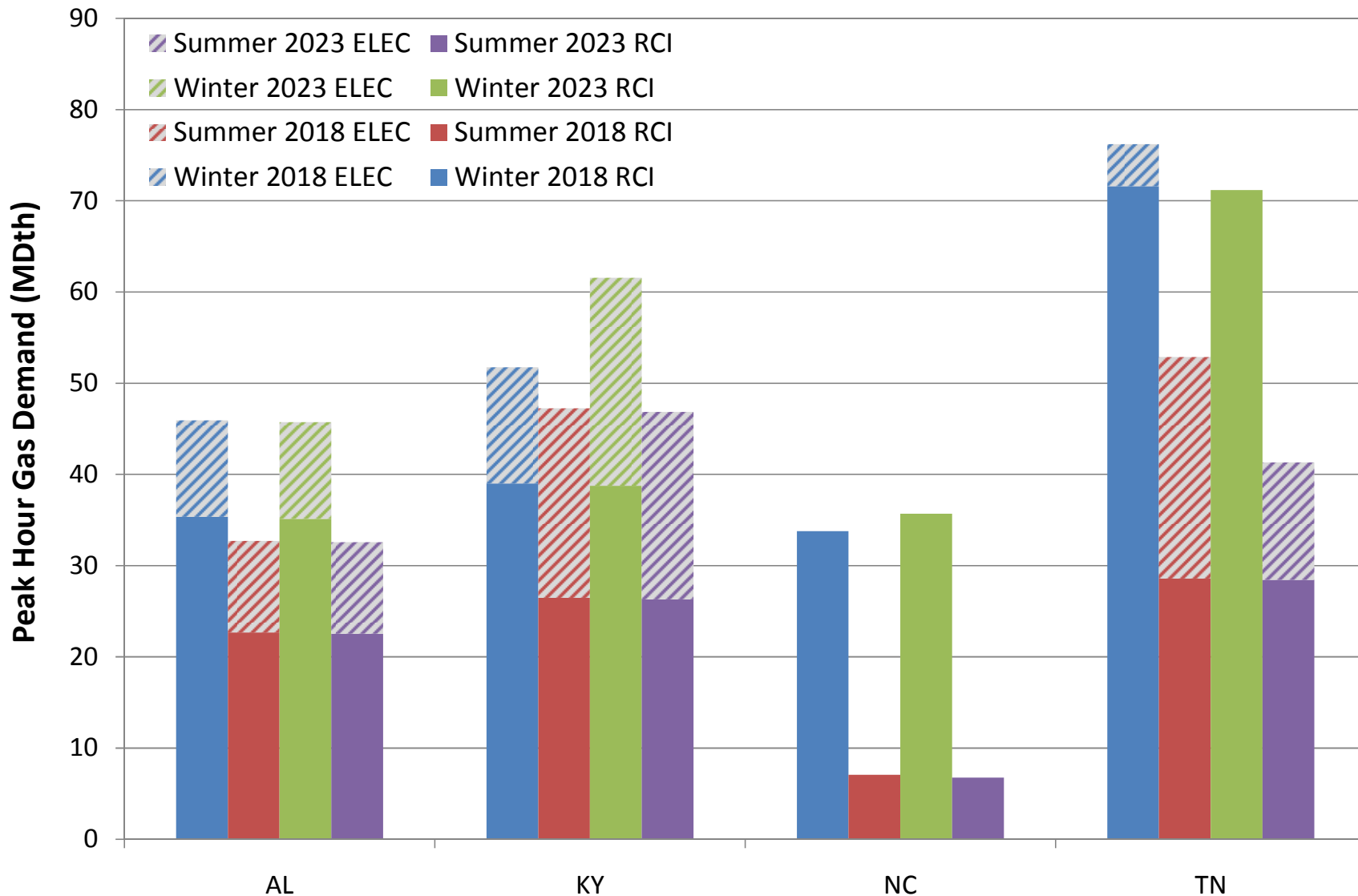


Figure E18-36. RGDS S3 Total Peak Hour Gas Demand – IESO

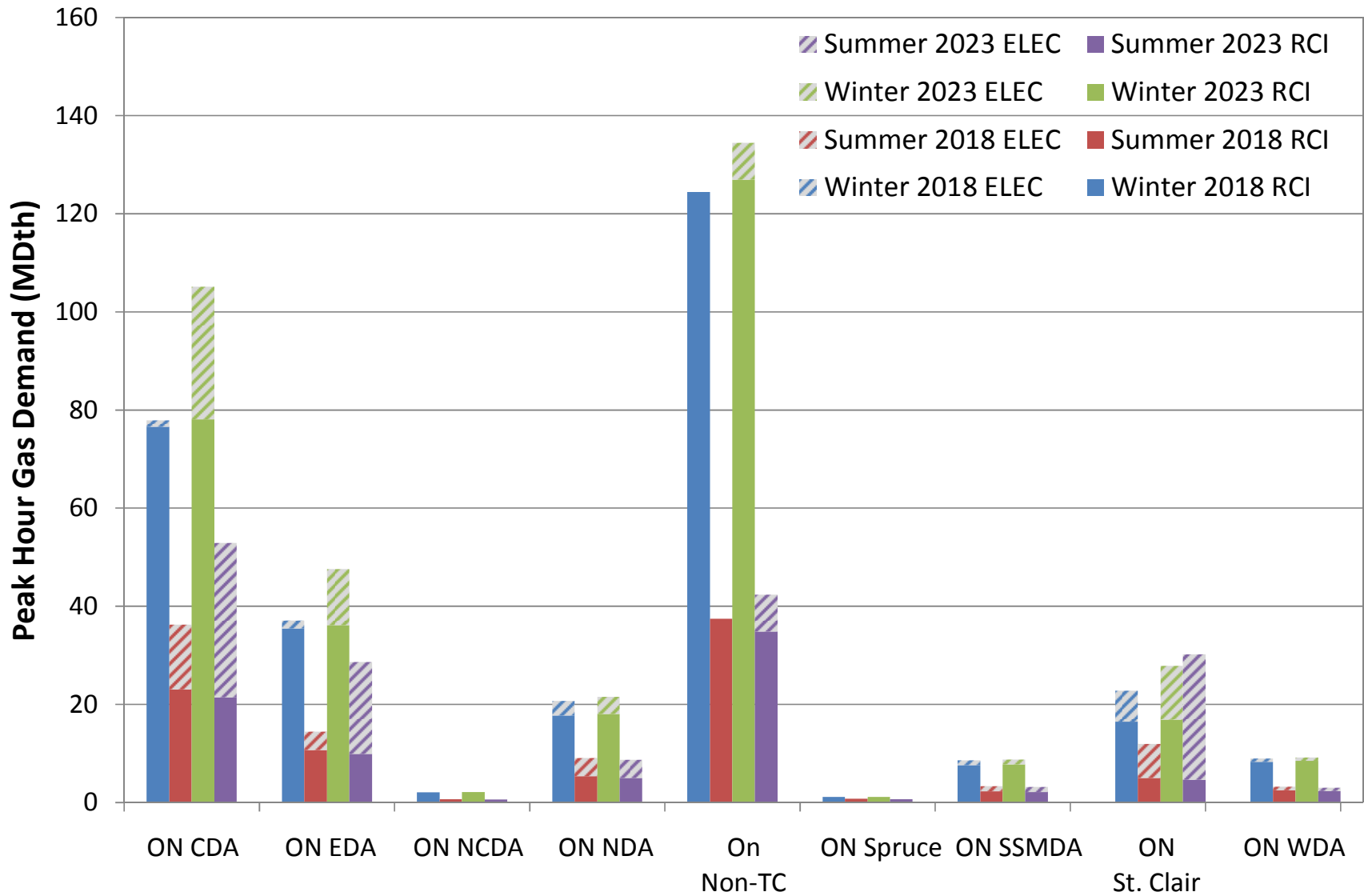


Figure E18-37. RGDS S3 Total Peak Hour Gas Demand – ISO-NE

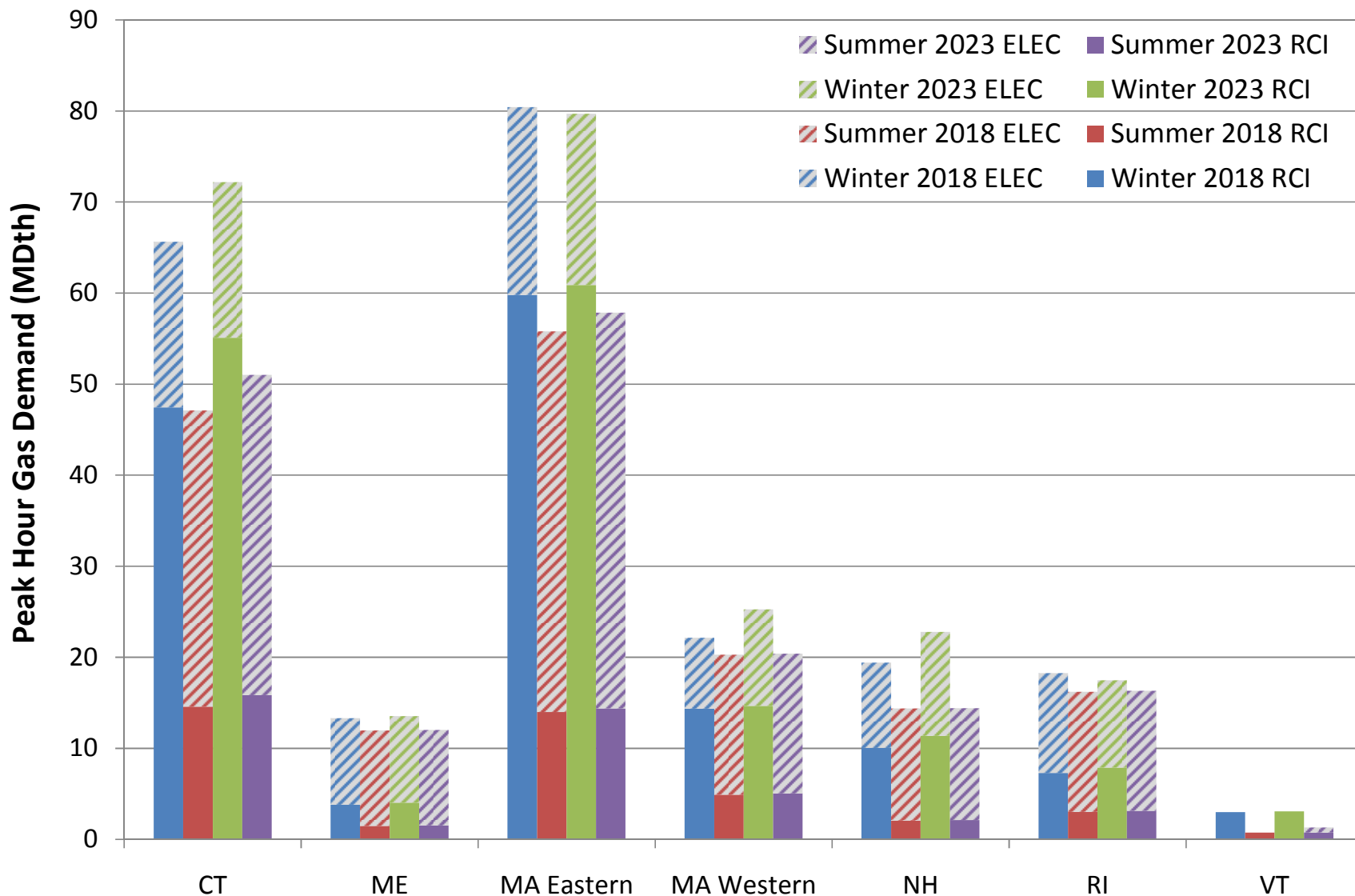


Figure E18-38. RGDS S3 Total Peak Hour Gas Demand – MISO North/Central

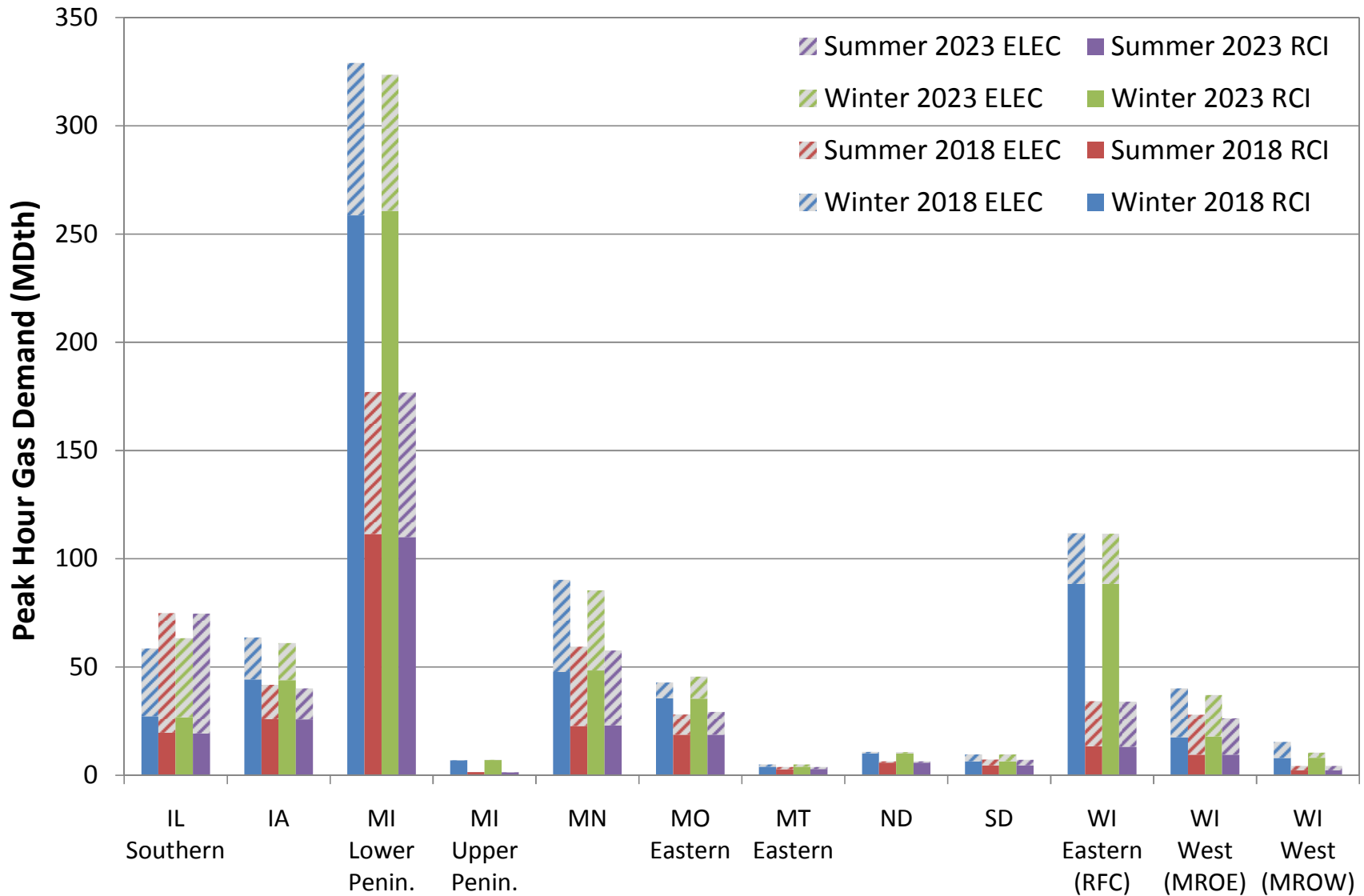


Figure E18-39. RGDS S3 Total Peak Hour Gas Demand – MISO South

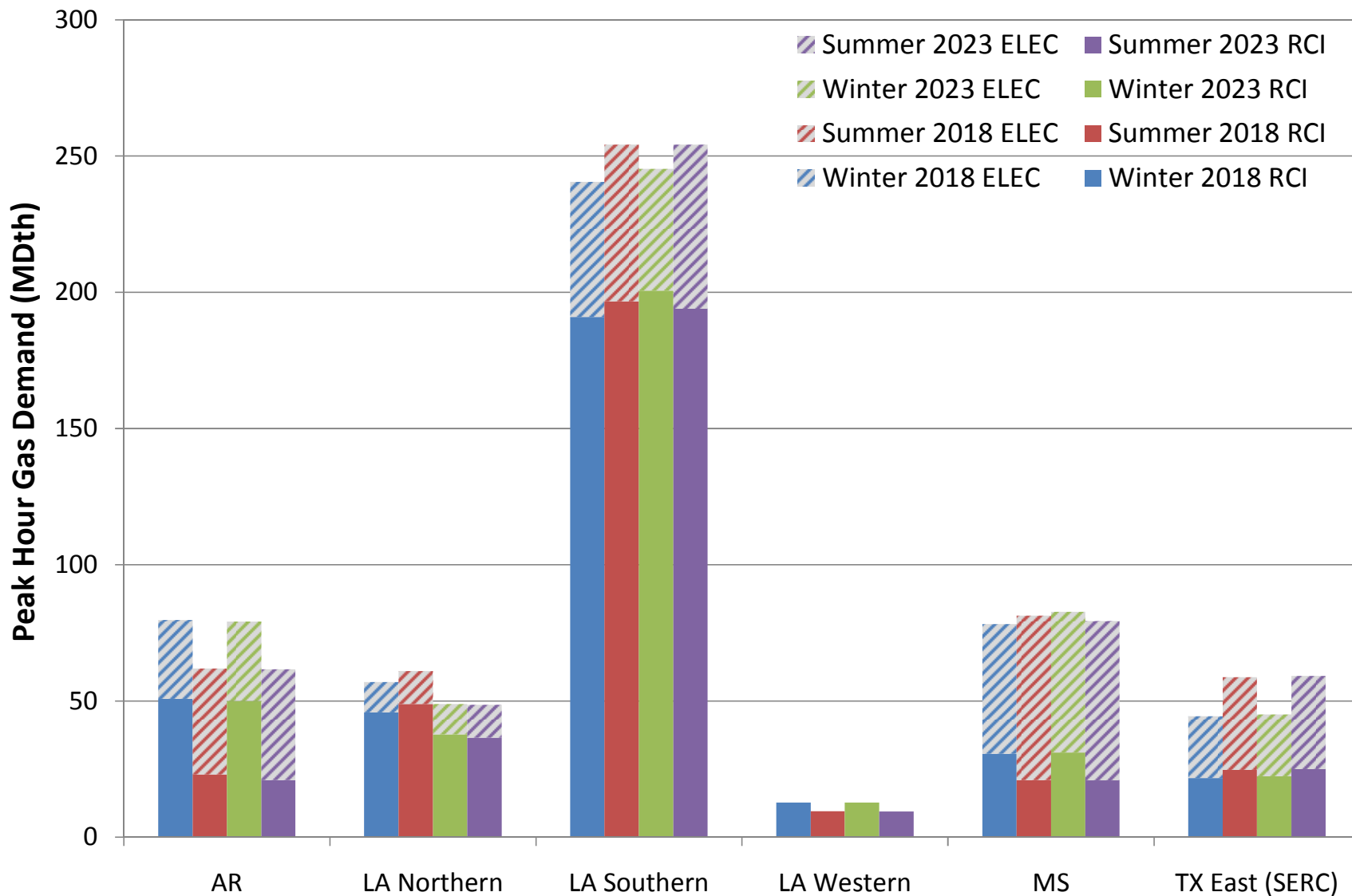




Figure E18-40. RGDS S3 Total Peak Hour Gas Demand – NYISO

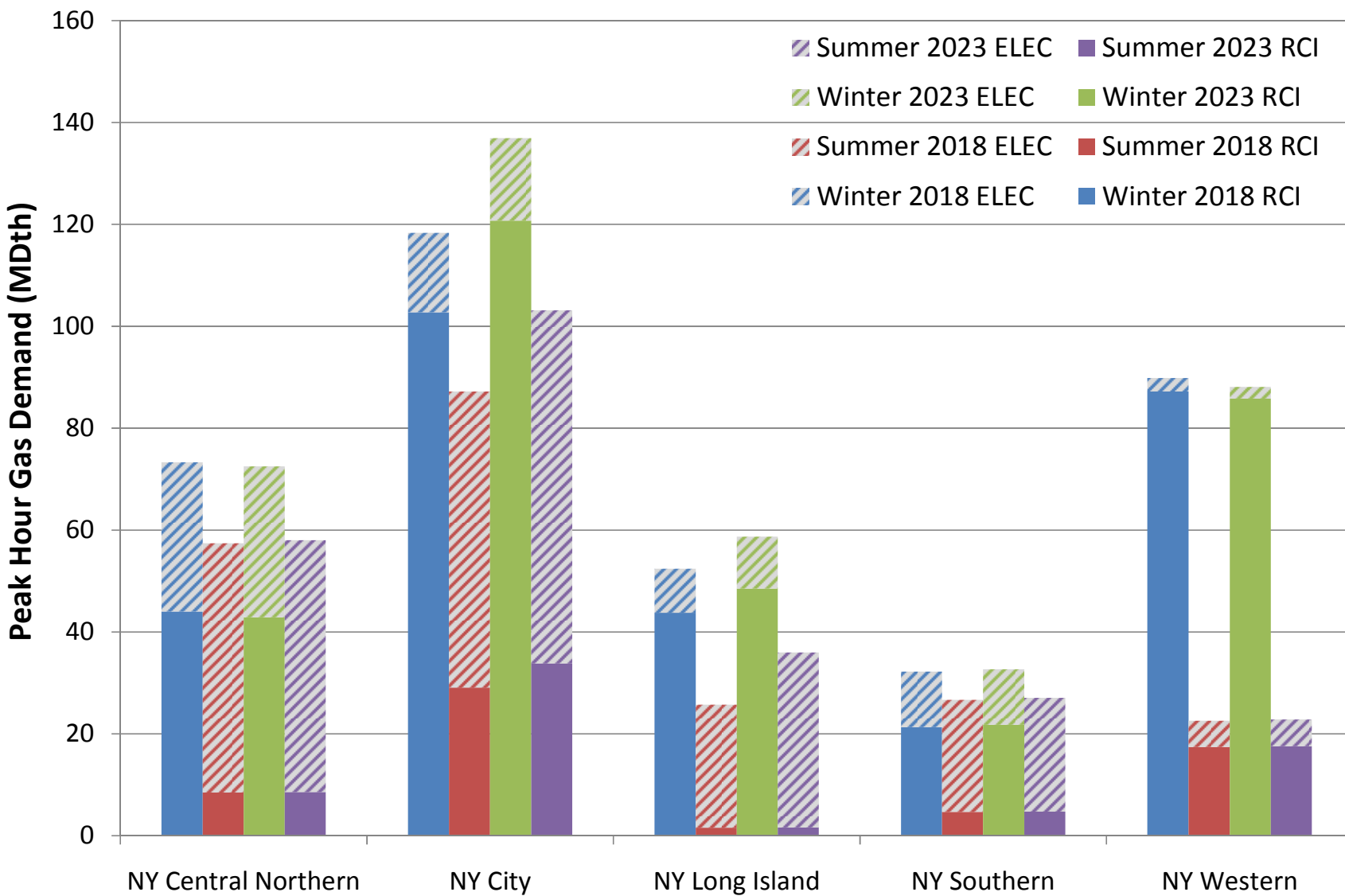


Figure E18-41. RGDS S3 Total Peak Hour Gas Demand – PJM

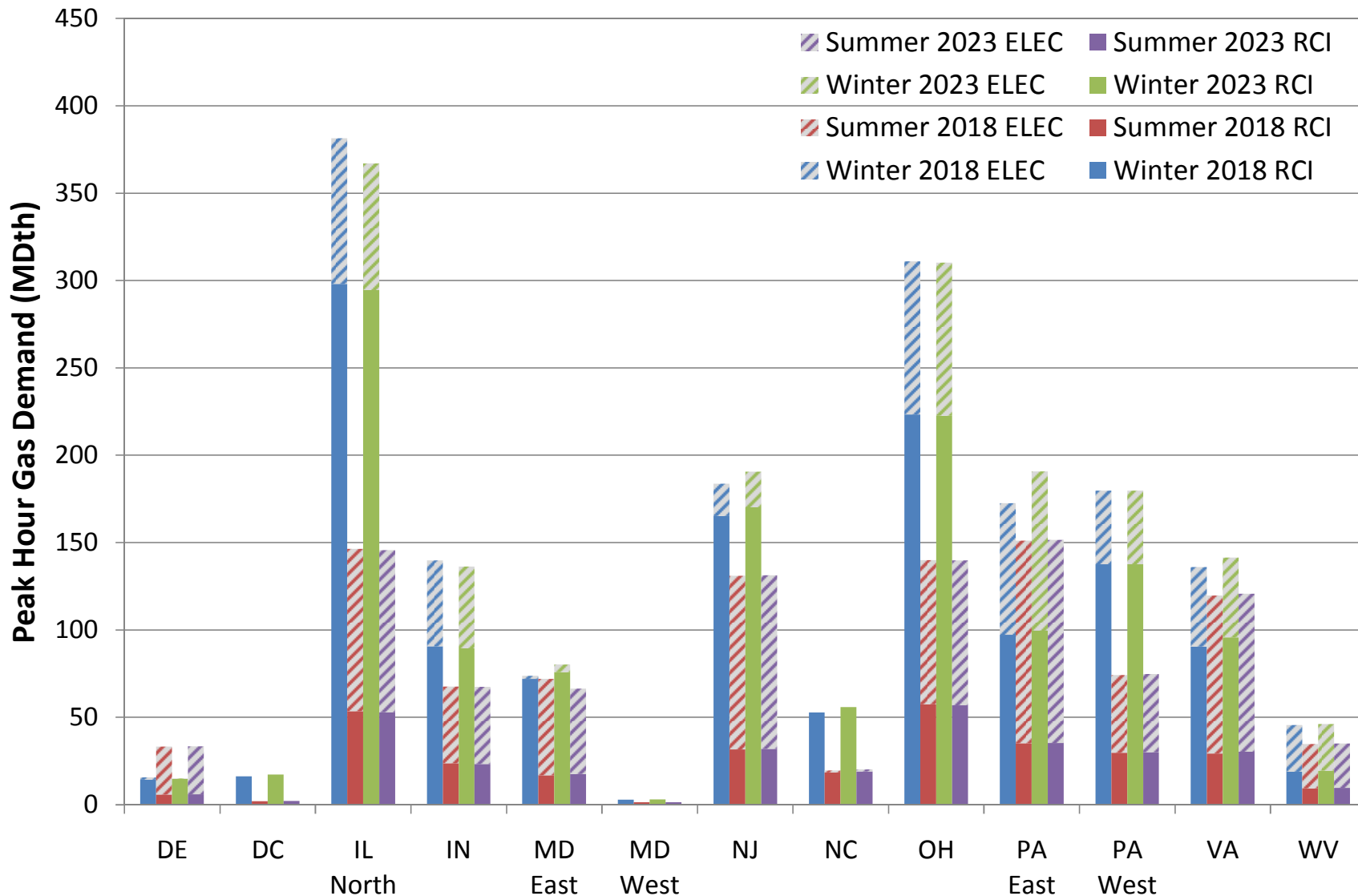


Figure E18-42. RGDS S3 Total Peak Hour Gas Demand – TVA

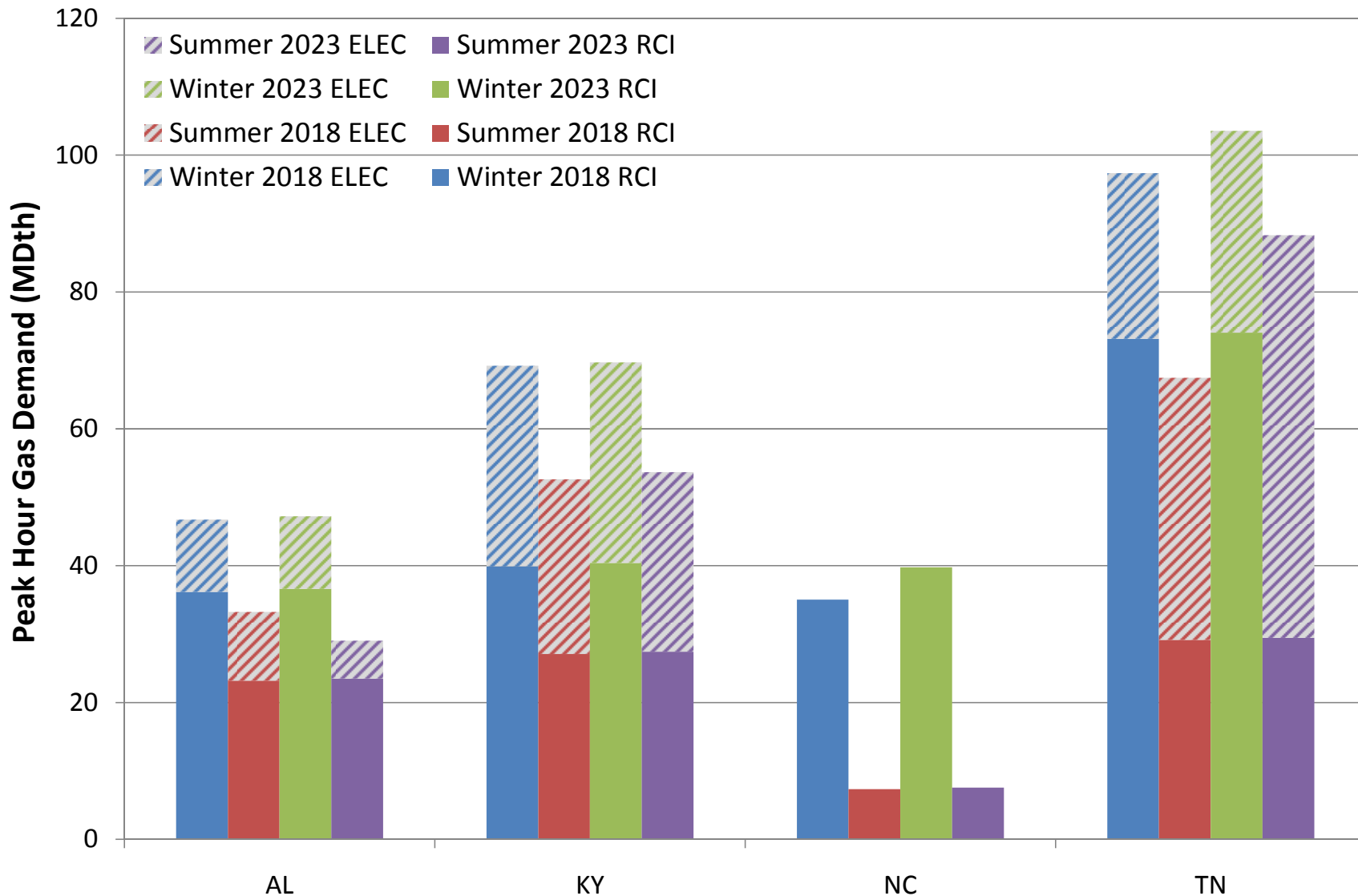


Figure E18-43. RGDS S5a Total Peak Hour Gas Demand – IESO

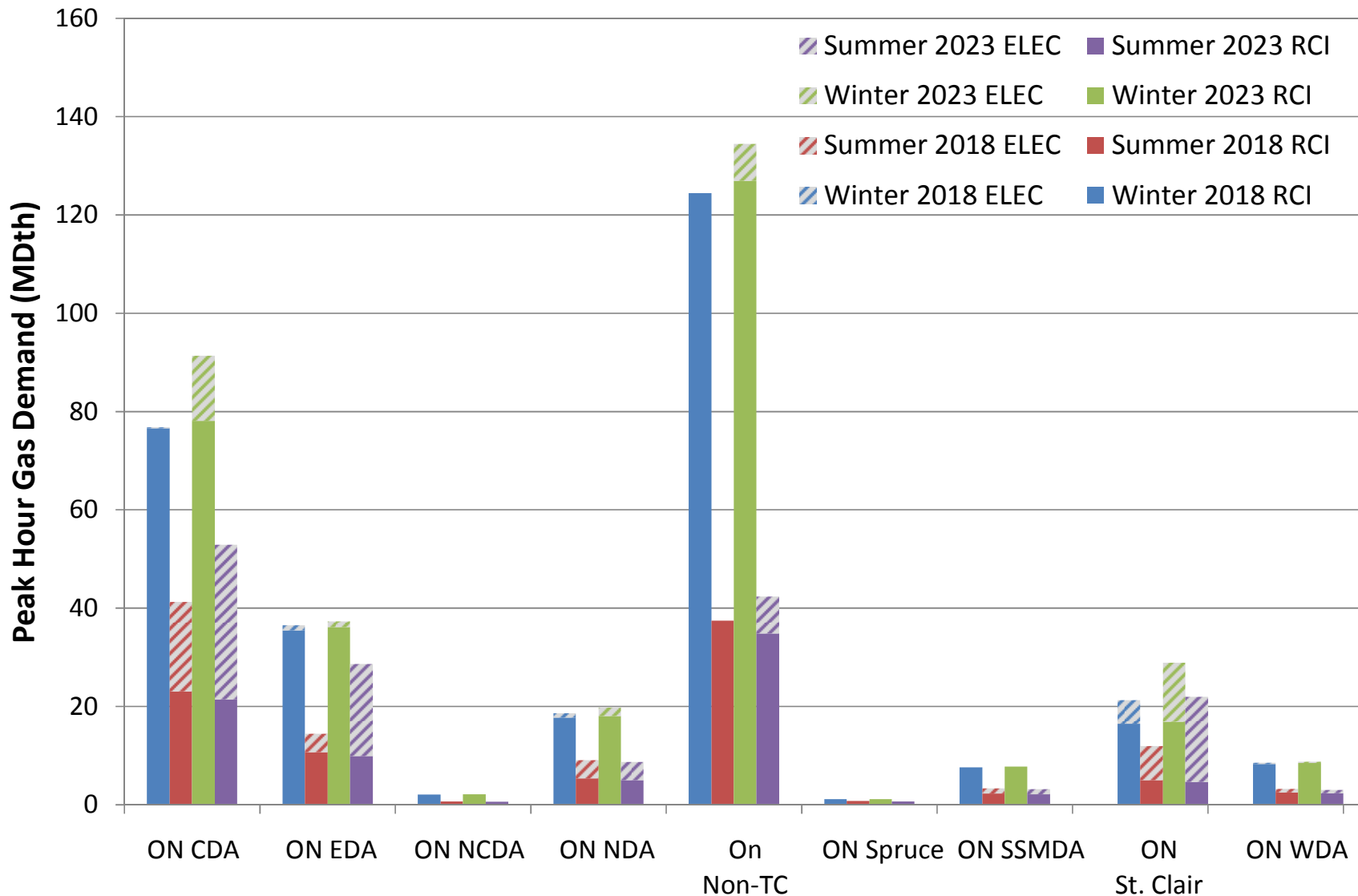


Figure E18-44. RGDS S5a Total Peak Hour Gas Demand – ISO-NE

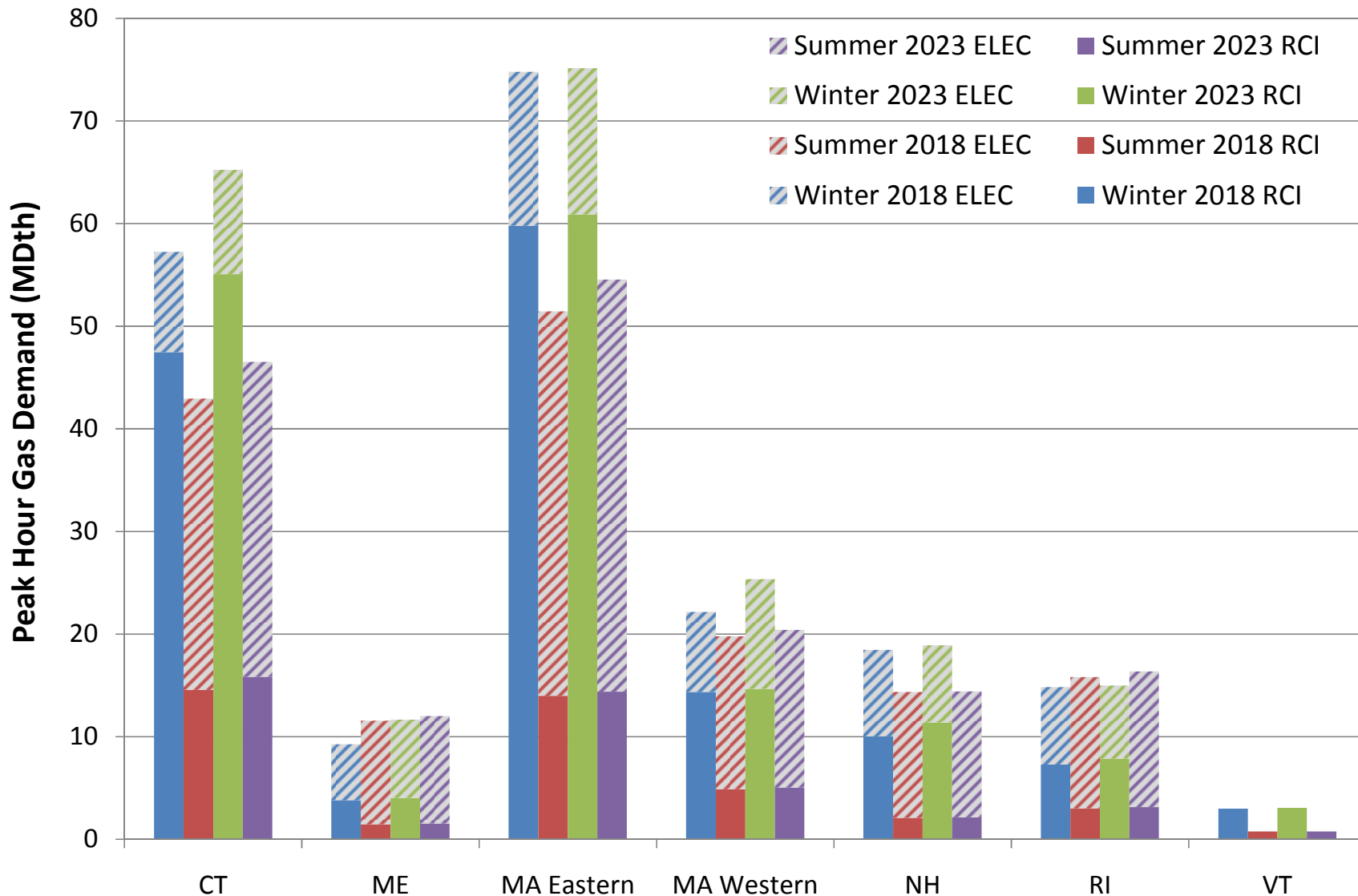


Figure E18-45. RGDS S5a Total Peak Hour Gas Demand – MISO North/Central

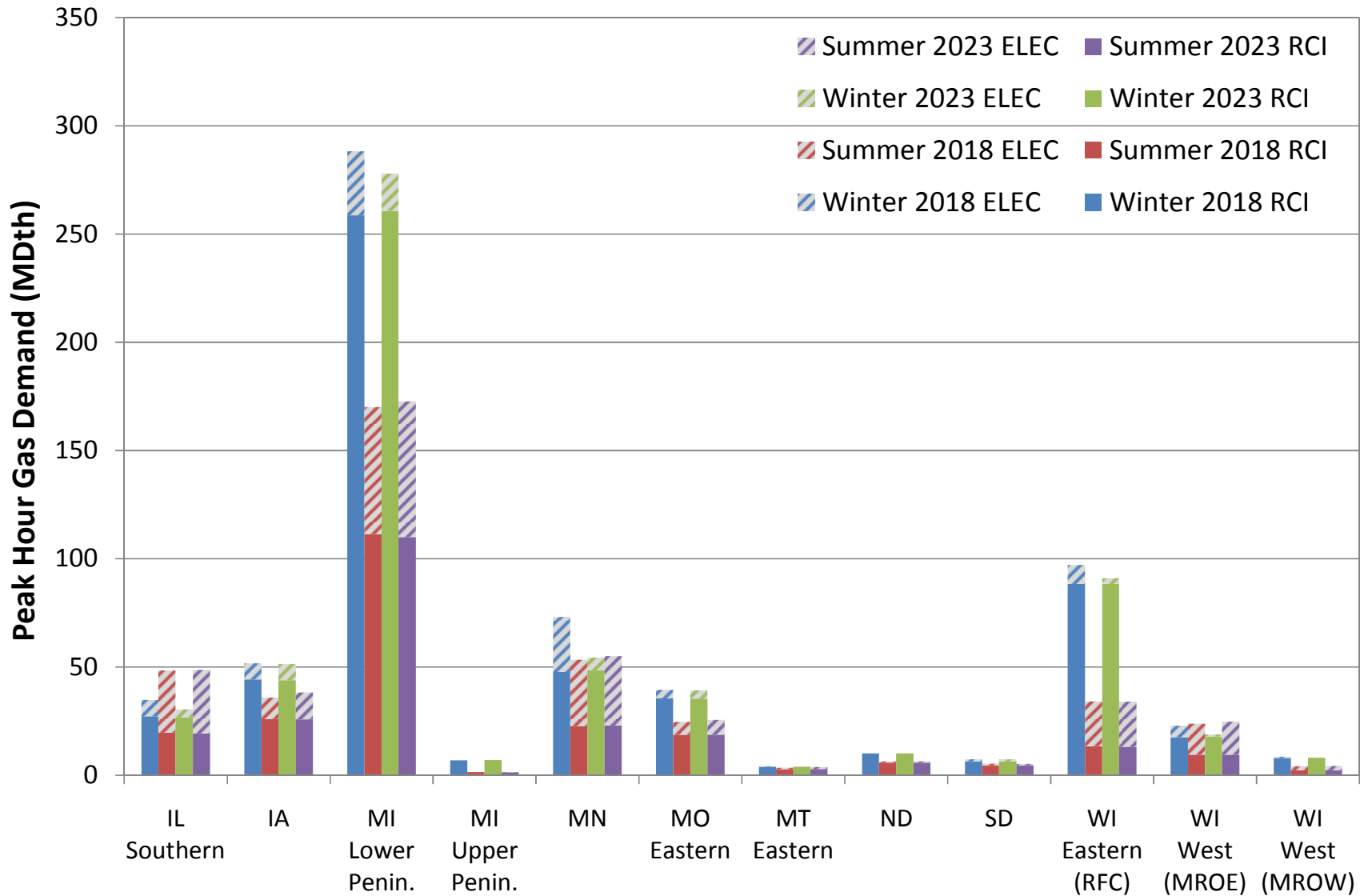


Figure E18-46. RGDS S5a Total Peak Hour Gas Demand – MISO South

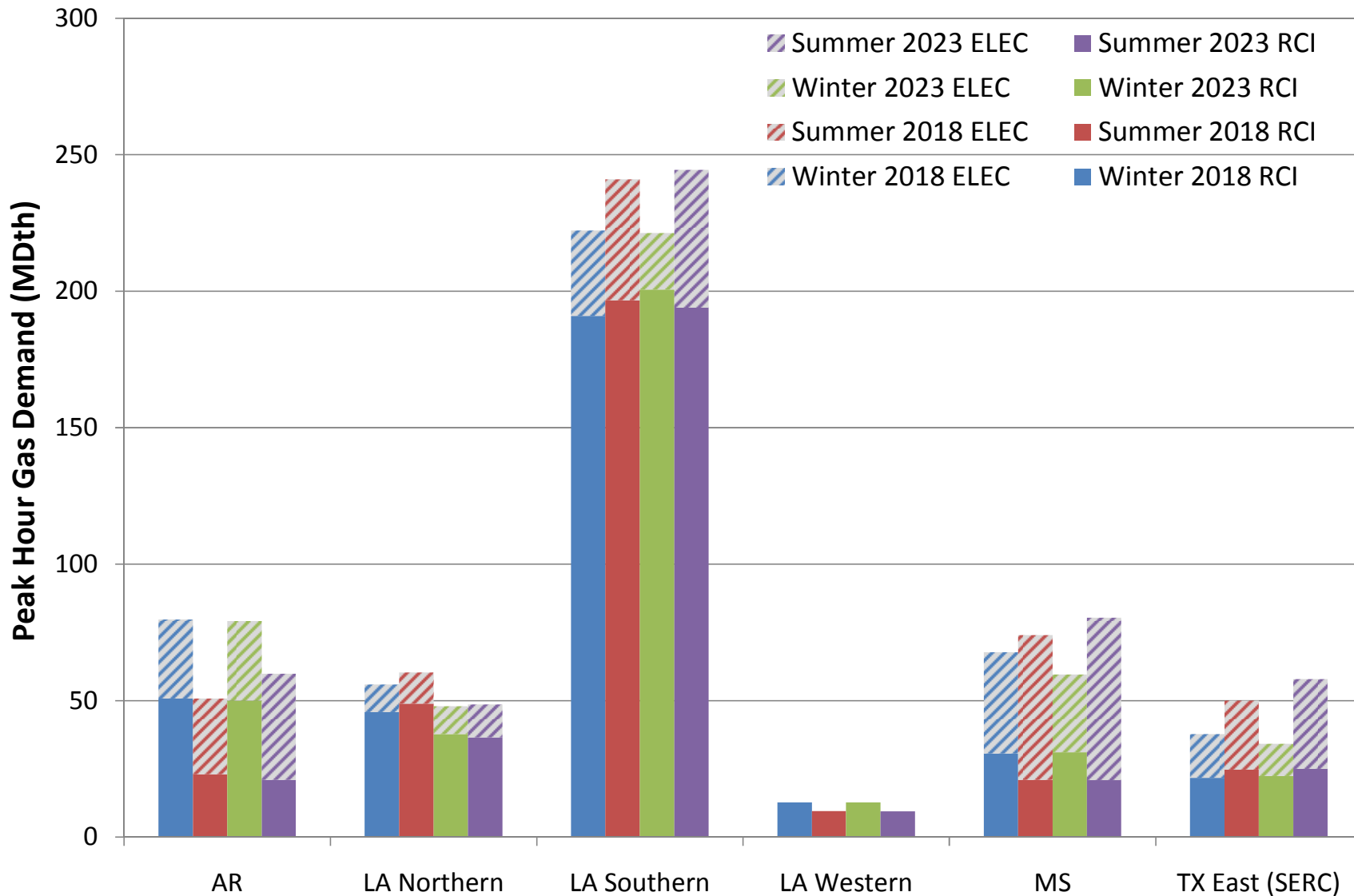


Figure E18-47. RGDS S5a Total Peak Hour Gas Demand – NYISO

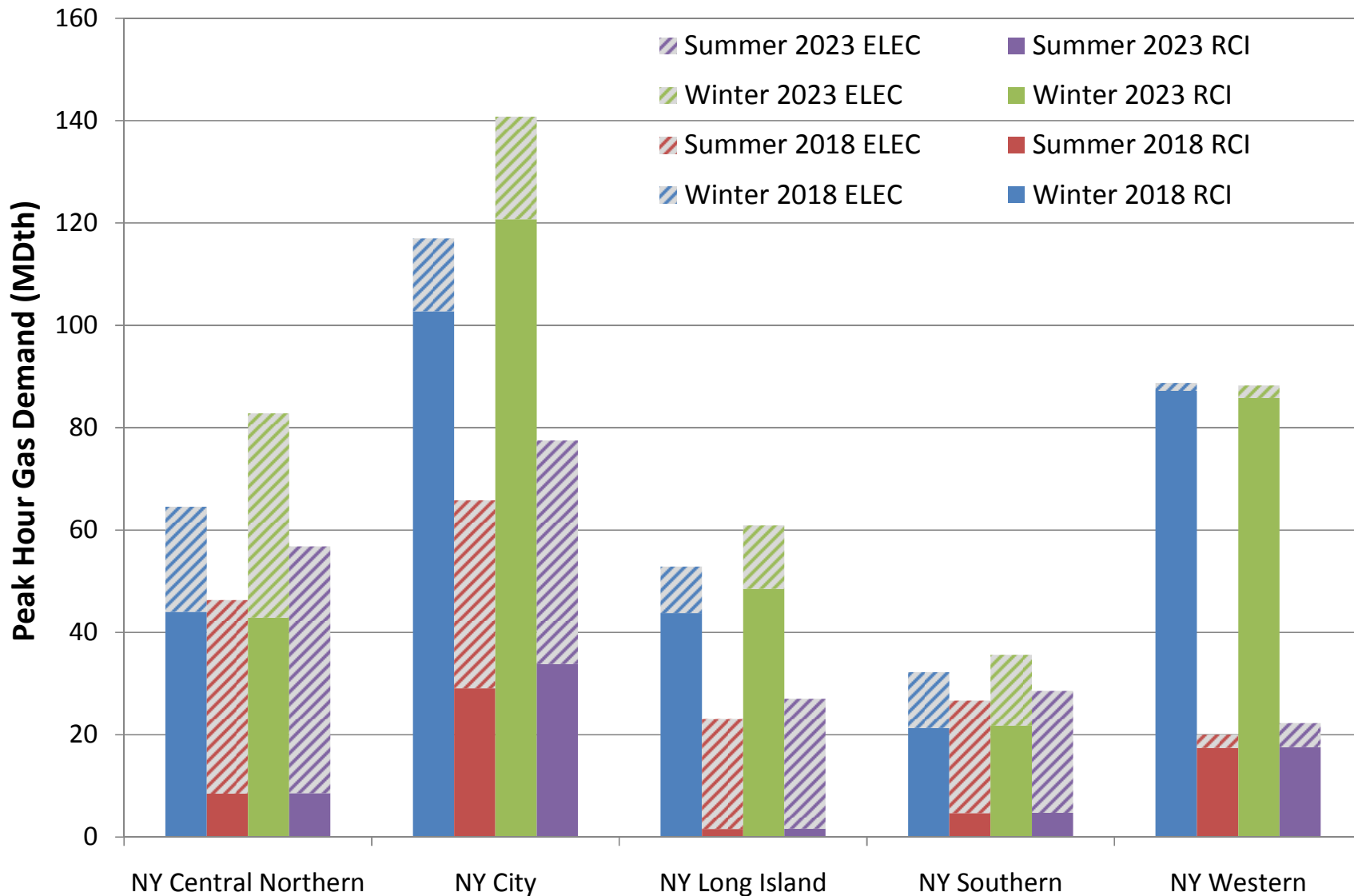




Figure E18-48. RGDS S5a Total Peak Hour Gas Demand – PJM

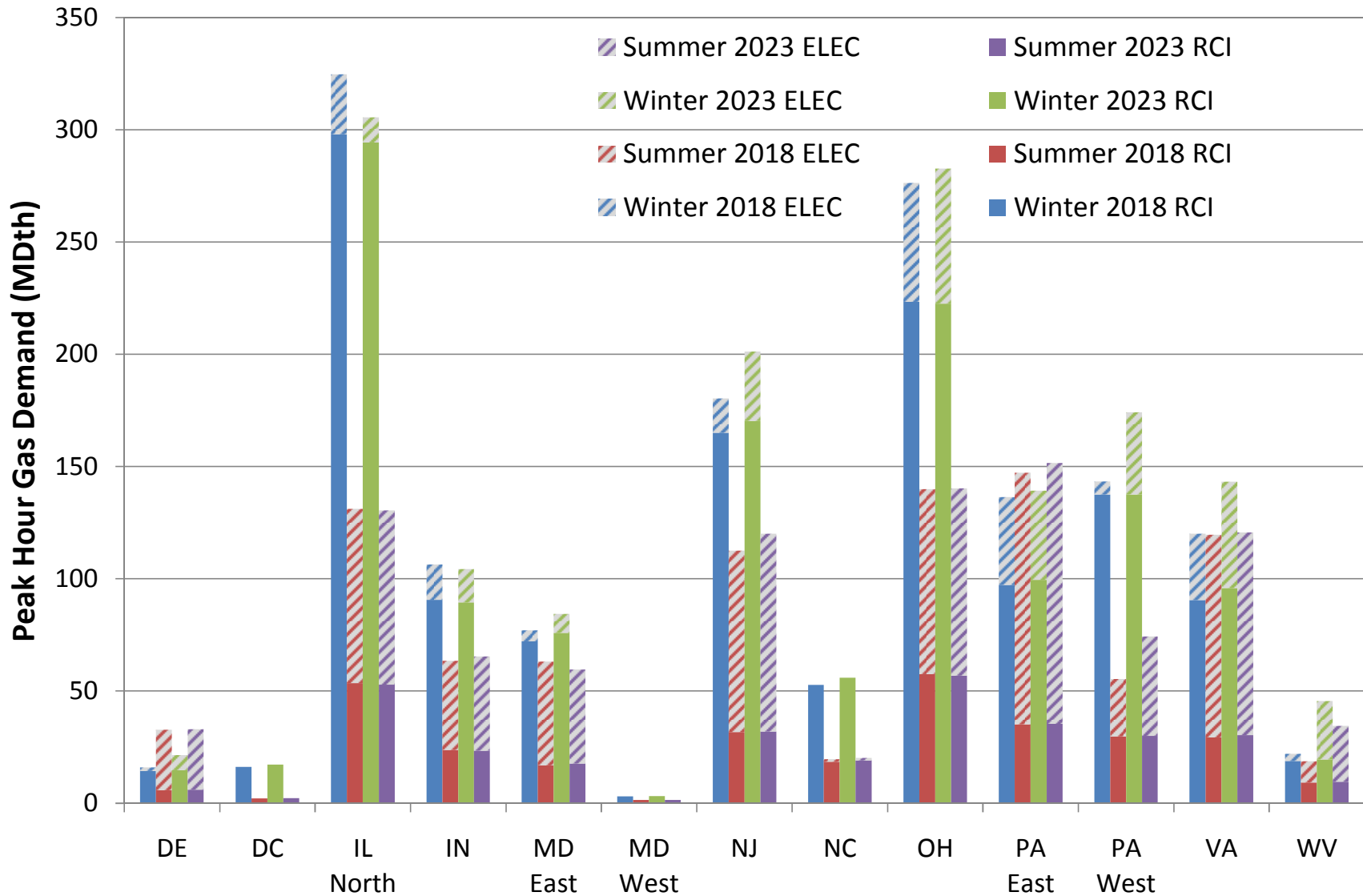


Figure E18-49. RGDS S5a Total Peak Hour Gas Demand – TVA

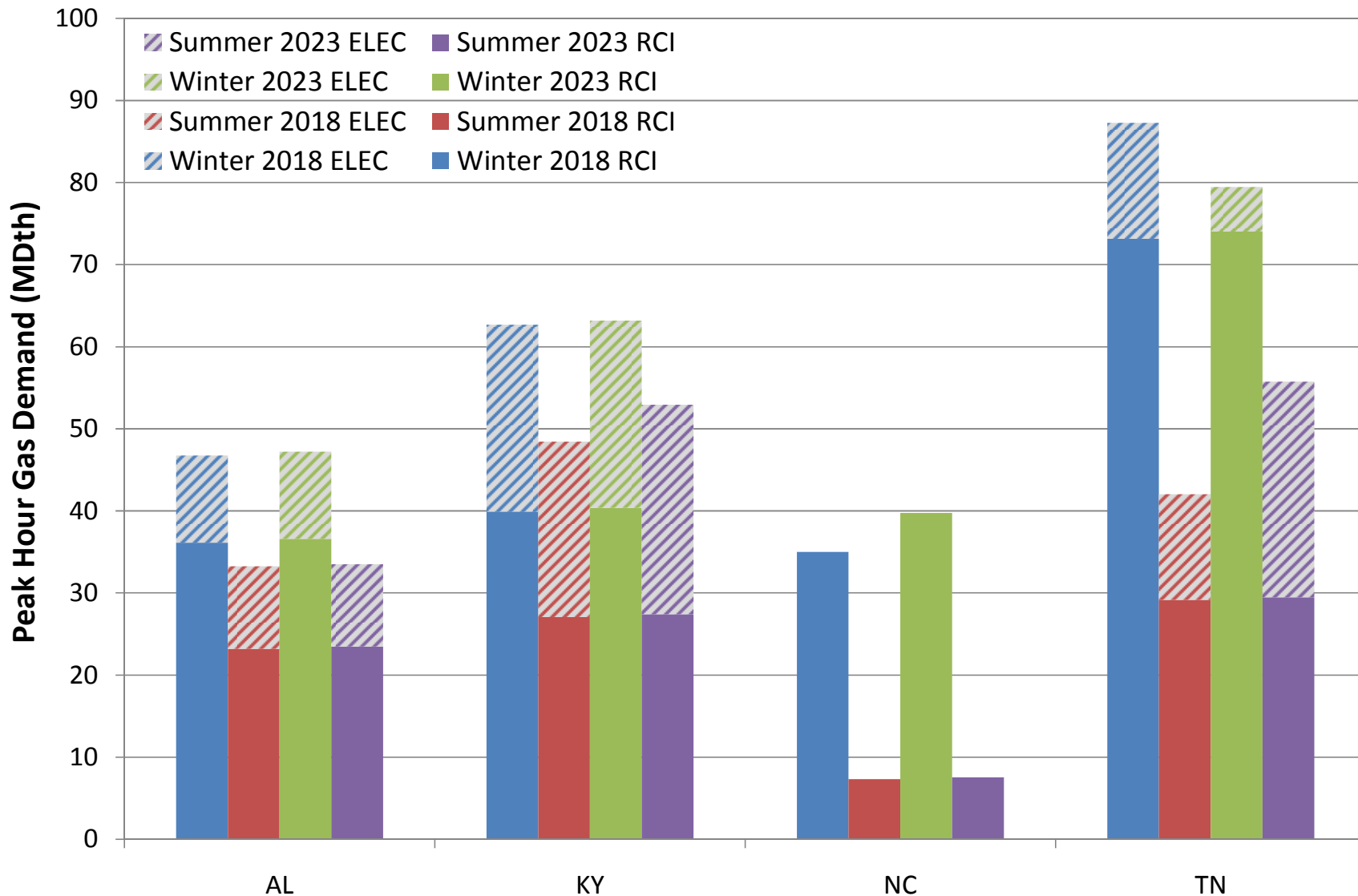


Figure E18-50. RGDS S5b Total Peak Hour Gas Demand – IESO

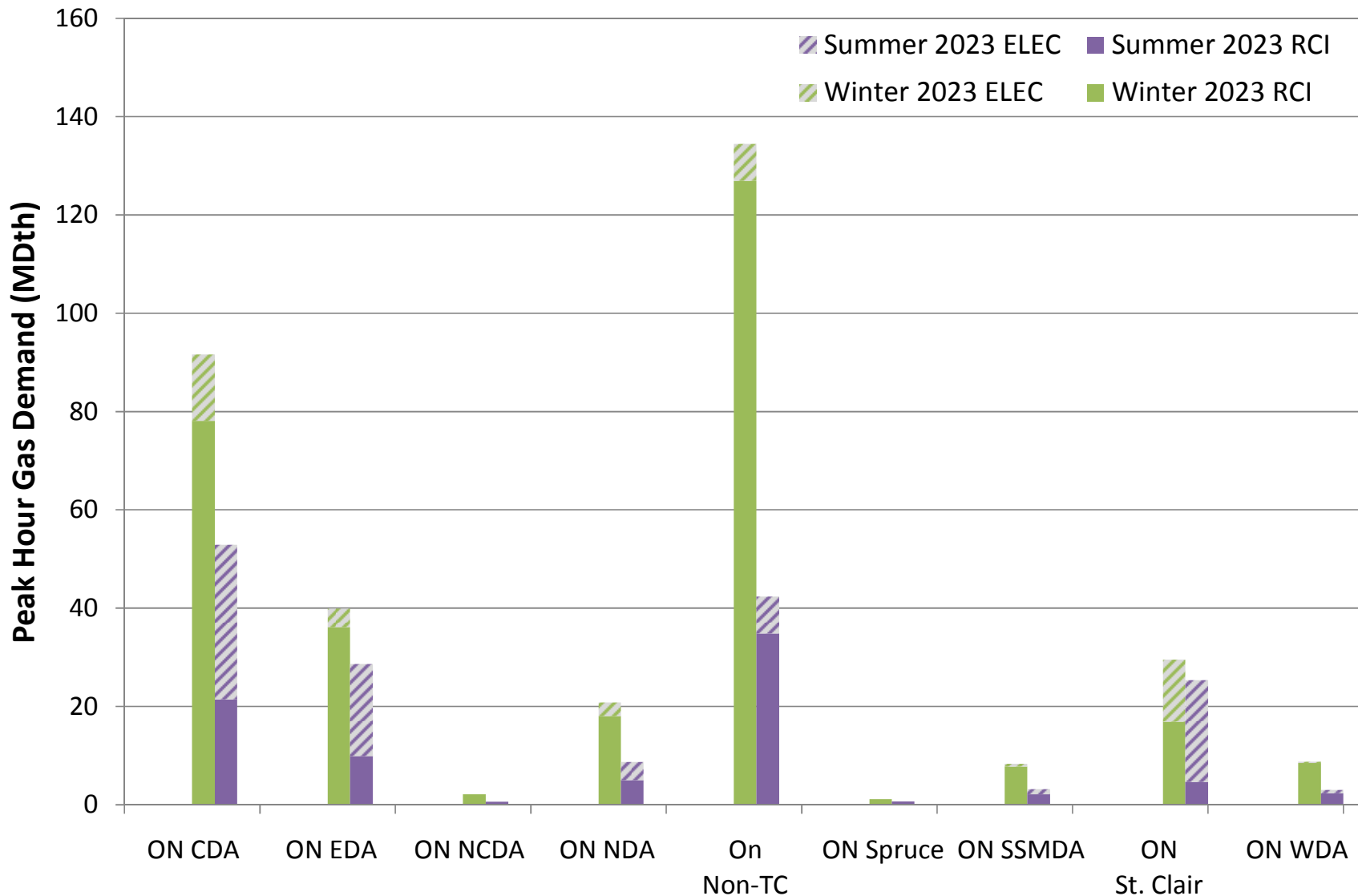


Figure E18-51. RGDS S5b Total Peak Hour Gas Demand – ISO-NE

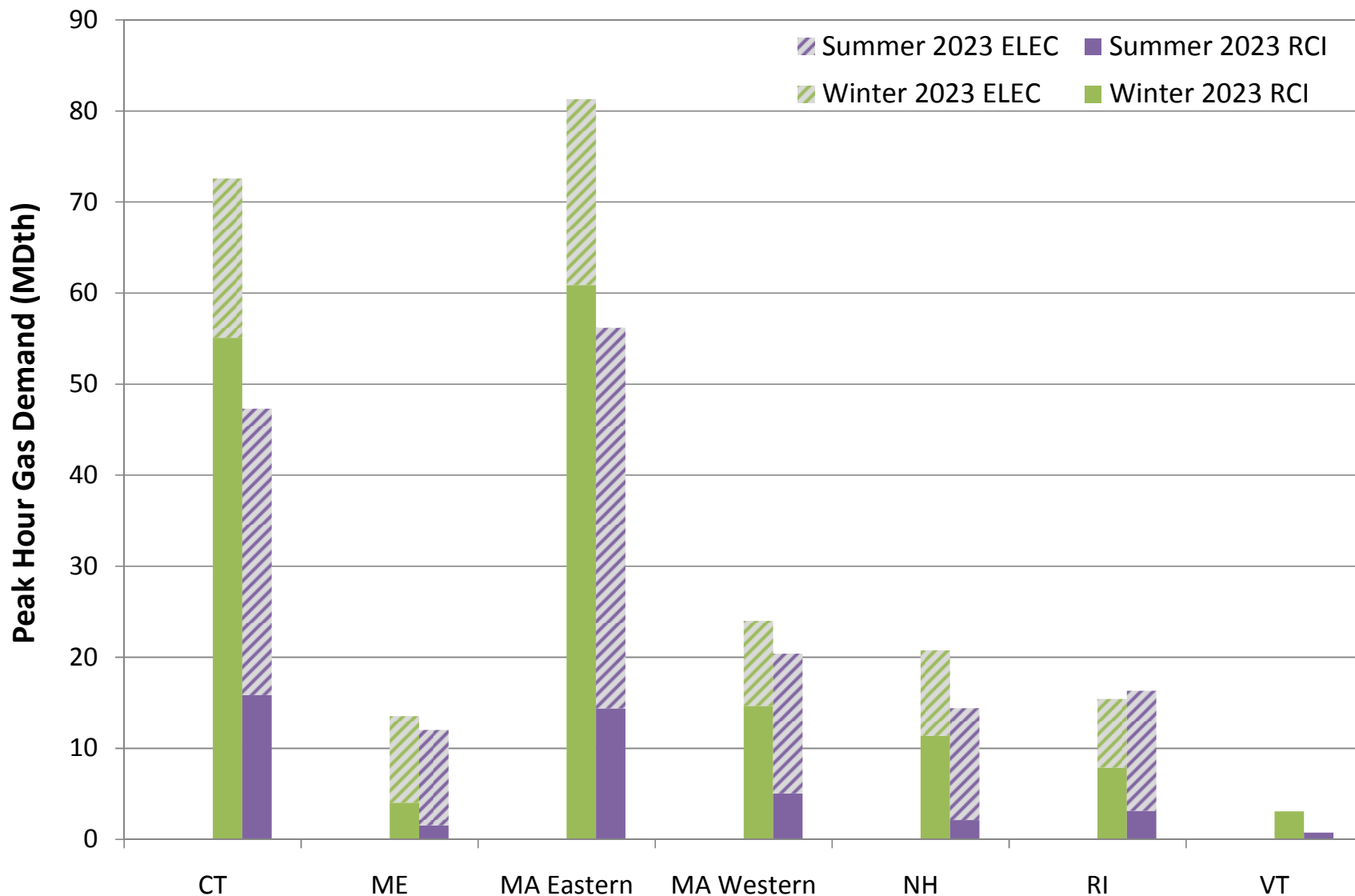


Figure E18-52. RGDS S5b Total Peak Hour Gas Demand – MISO North/Central

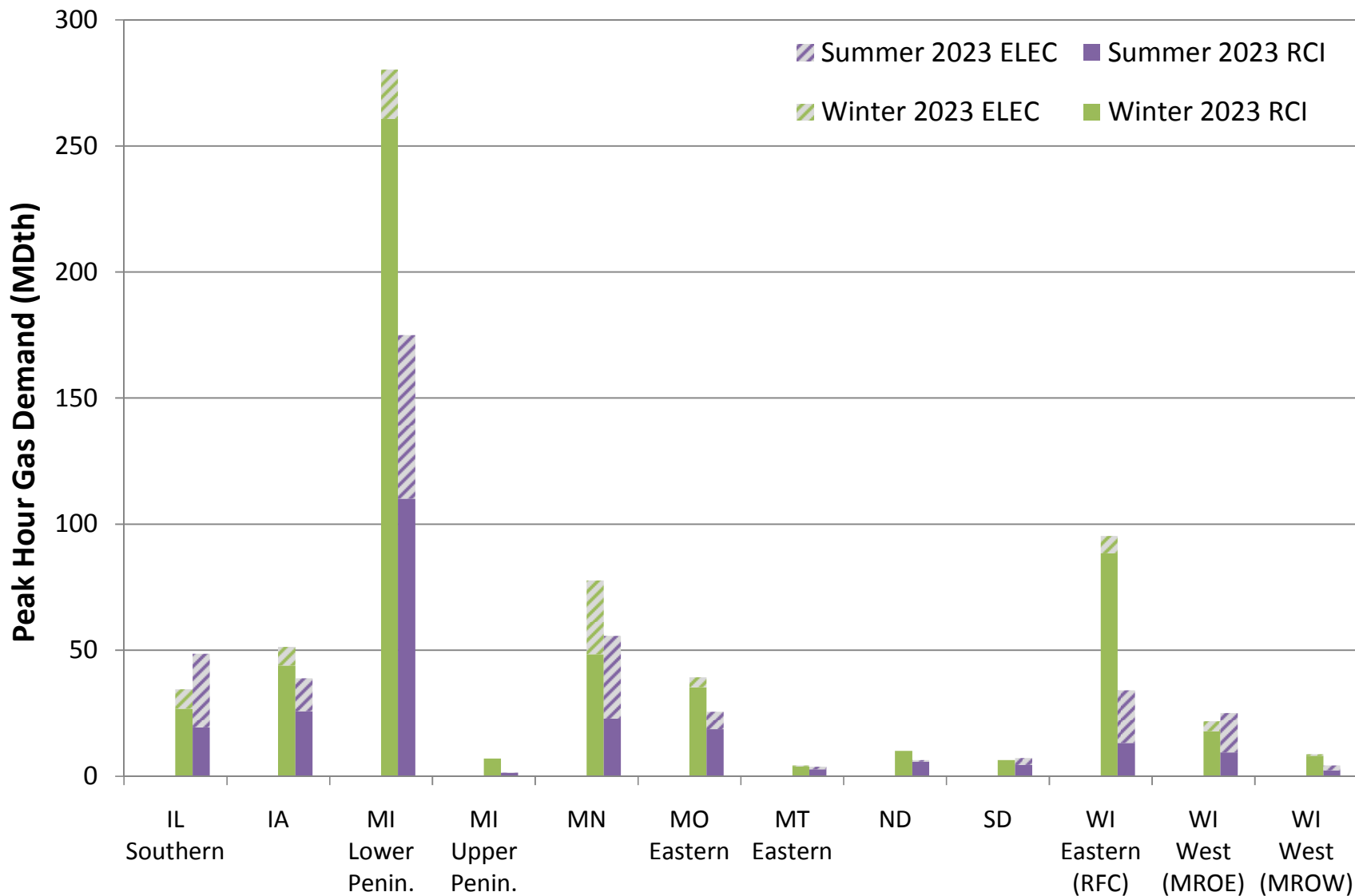


Figure E18-53. RGDS S5b Total Peak Hour Gas Demand – MISO South

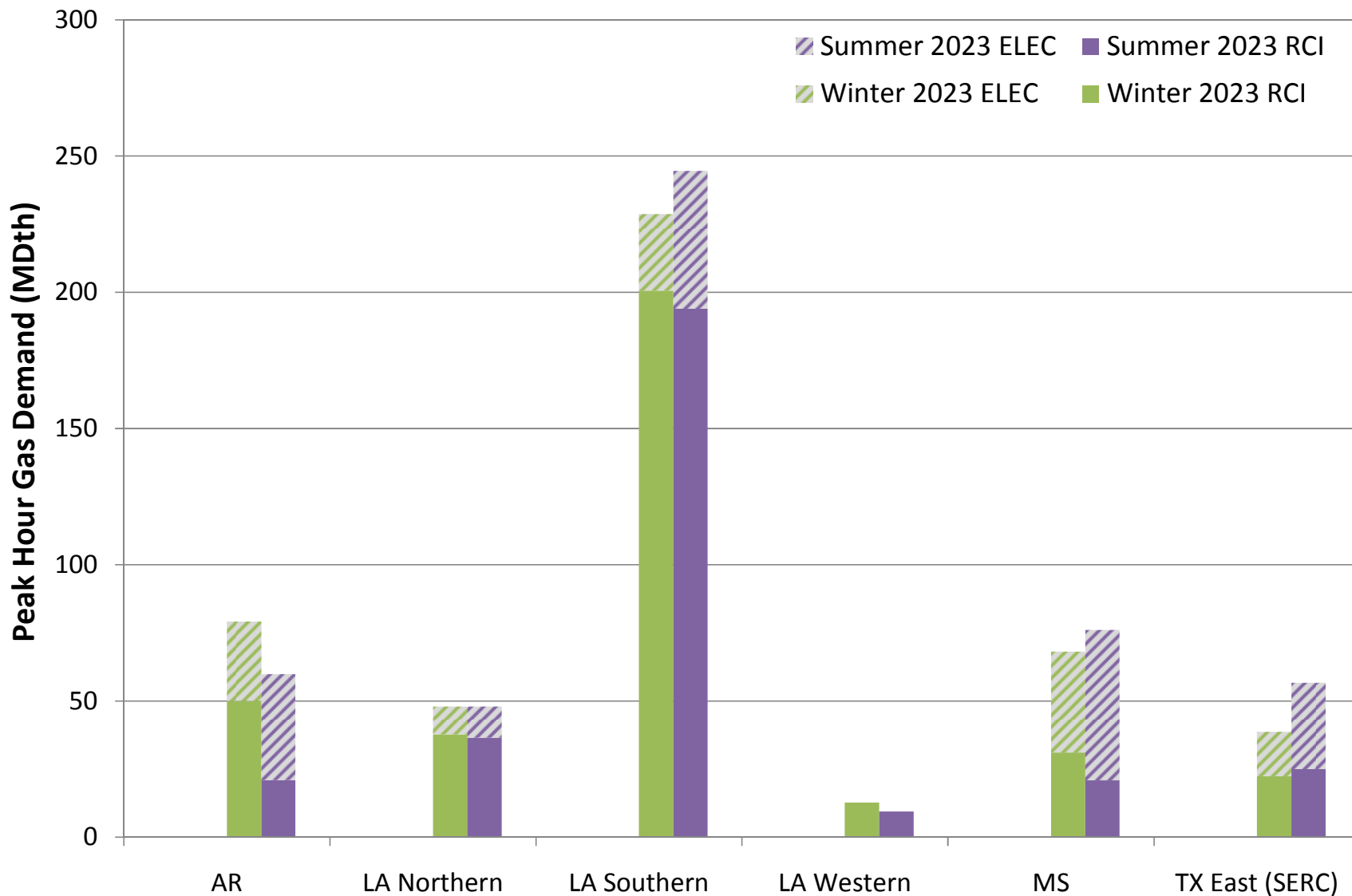


Figure E18-54. RGDS S5b Total Peak Hour Gas Demand – NYISO

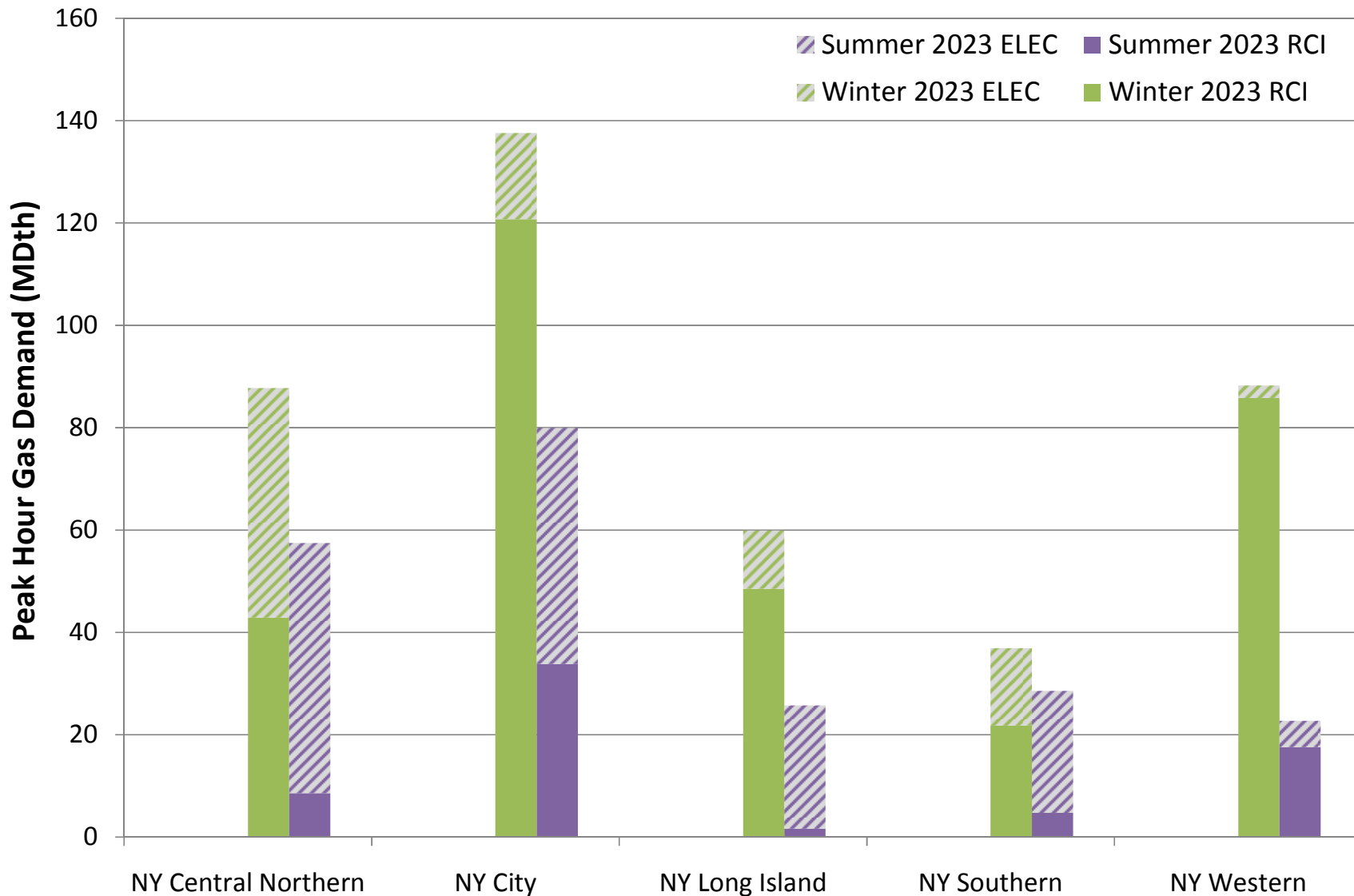


Figure E18-55. RGDS S5b Total Peak Hour Gas Demand – PJM

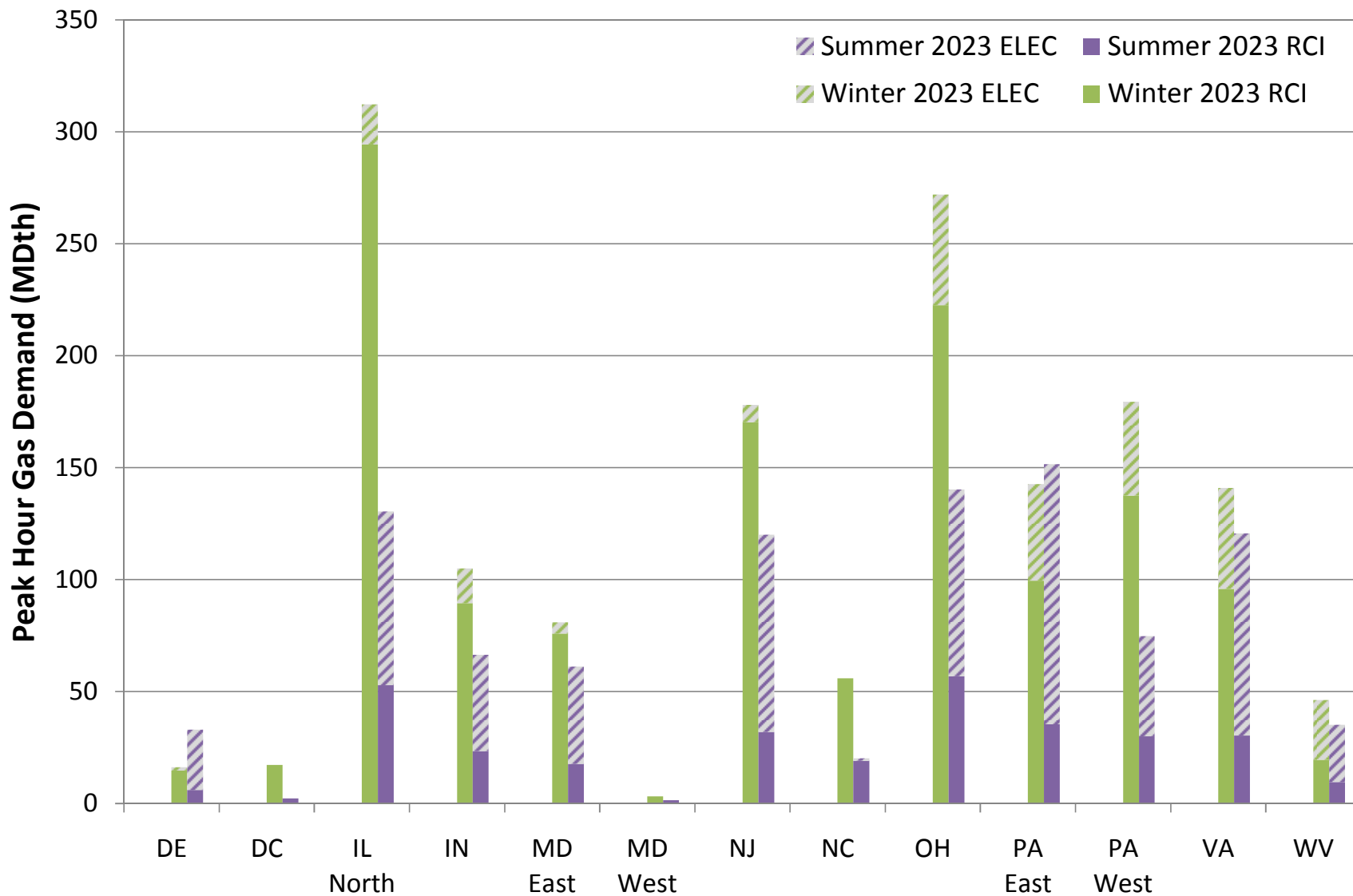




Figure E18-56. RGDS S5b Total Peak Hour Gas Demand – TVA

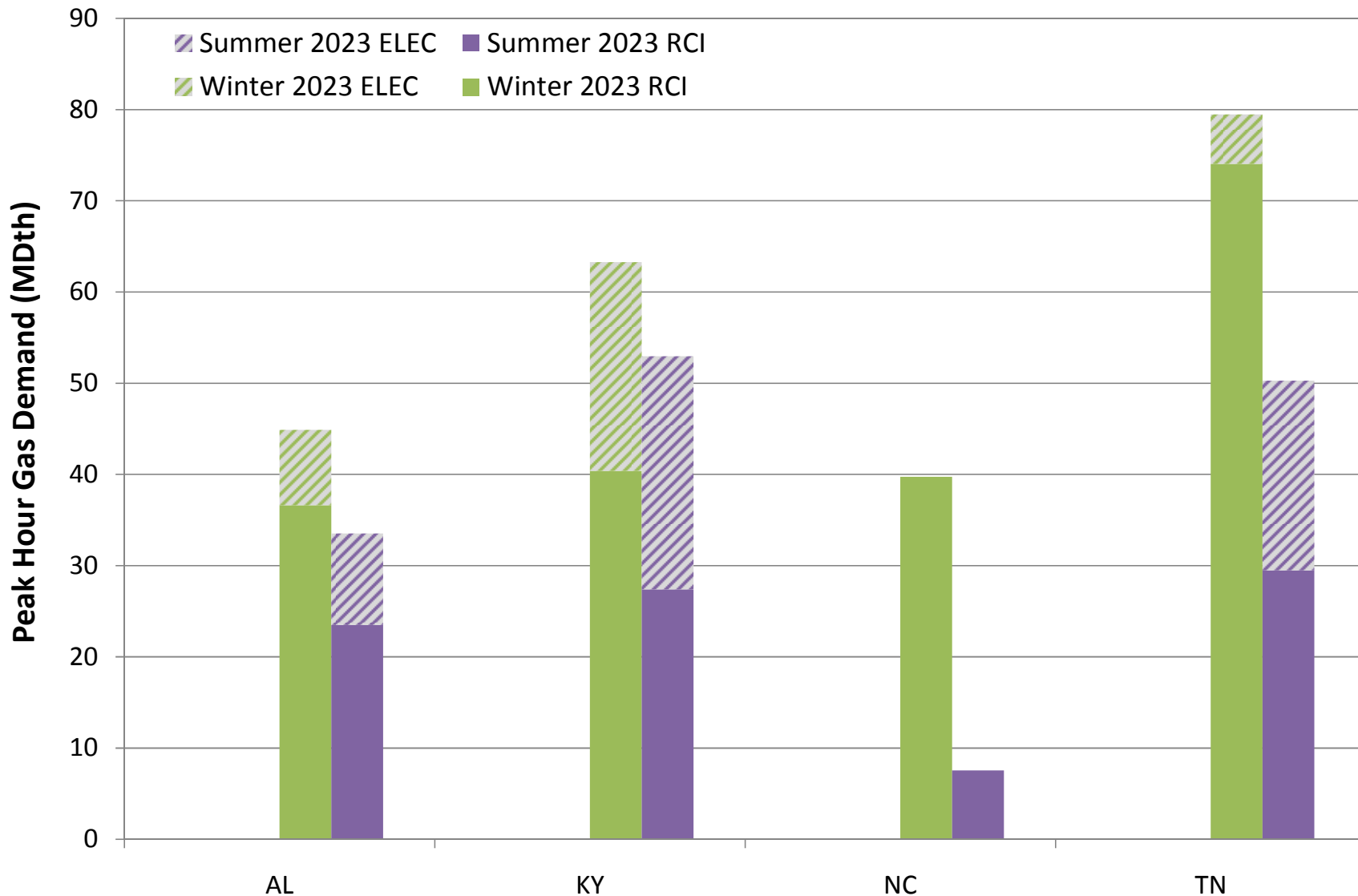


Figure E18-57. RGDS S5c Total Peak Hour Gas Demand – IESO

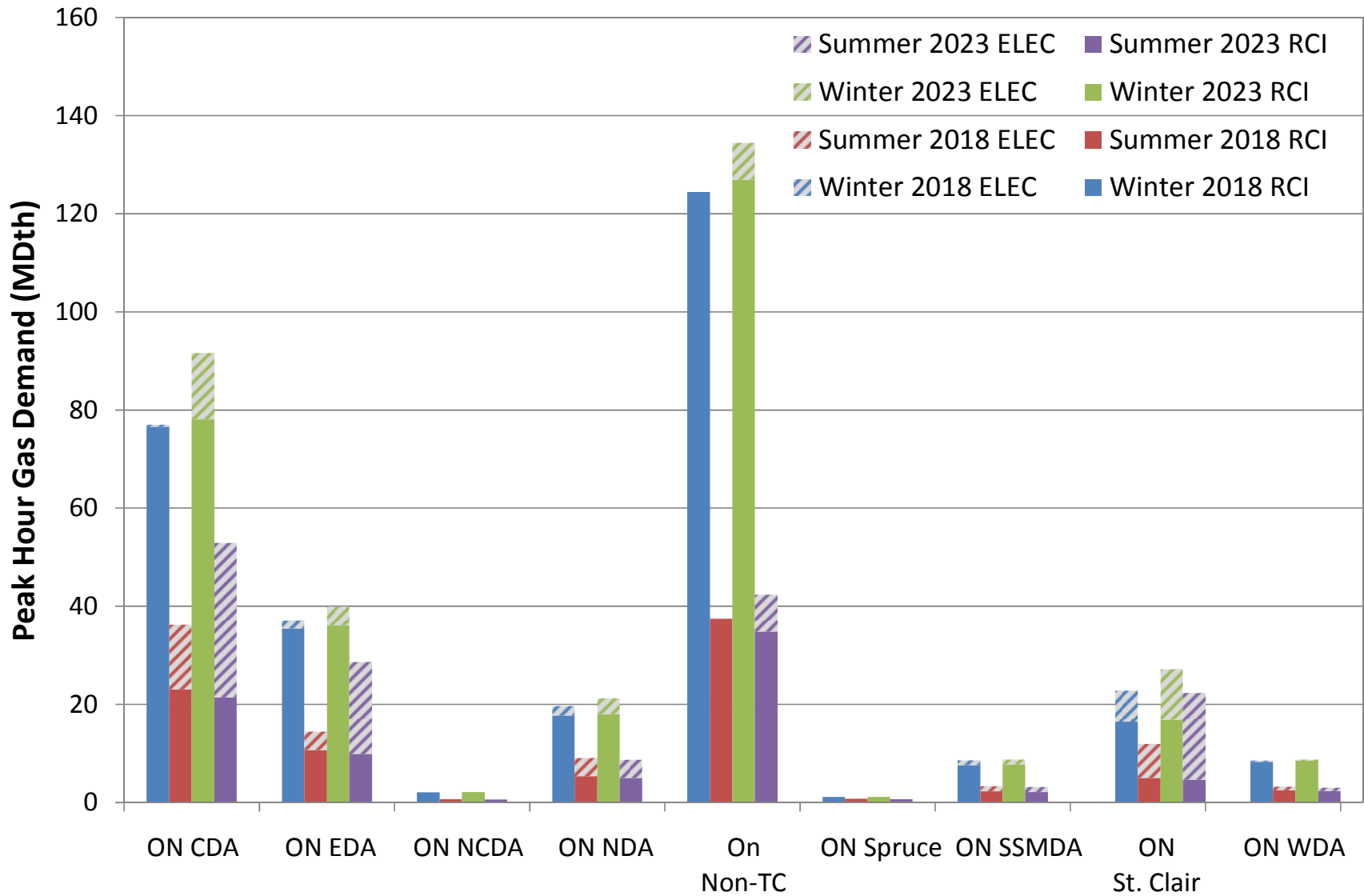


Figure E18-58. RGDS S5c Total Peak Hour Gas Demand – ISO-NE

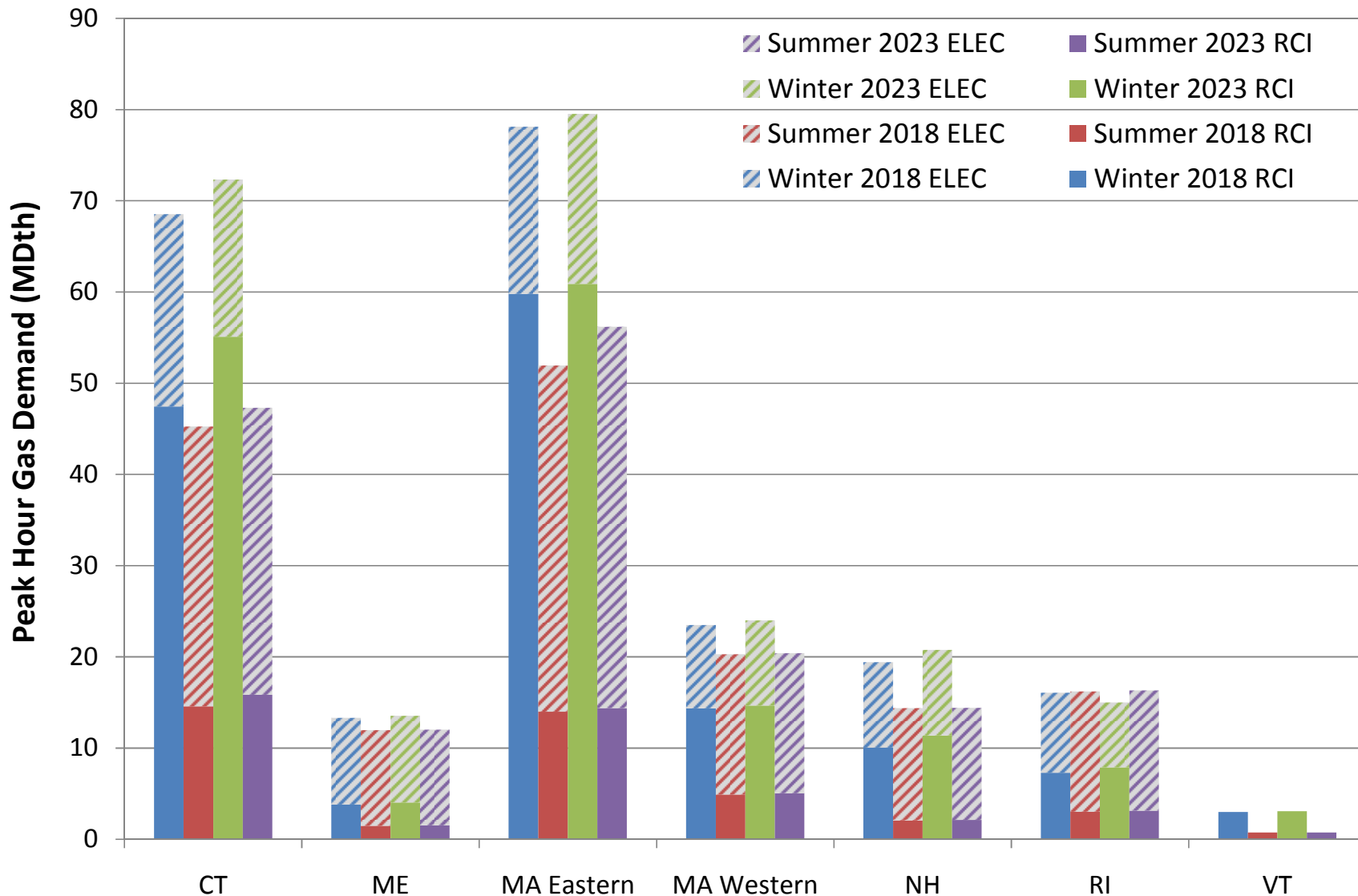


Figure E18-59. RGDS S5c Total Peak Hour Gas Demand – MISO North/Central

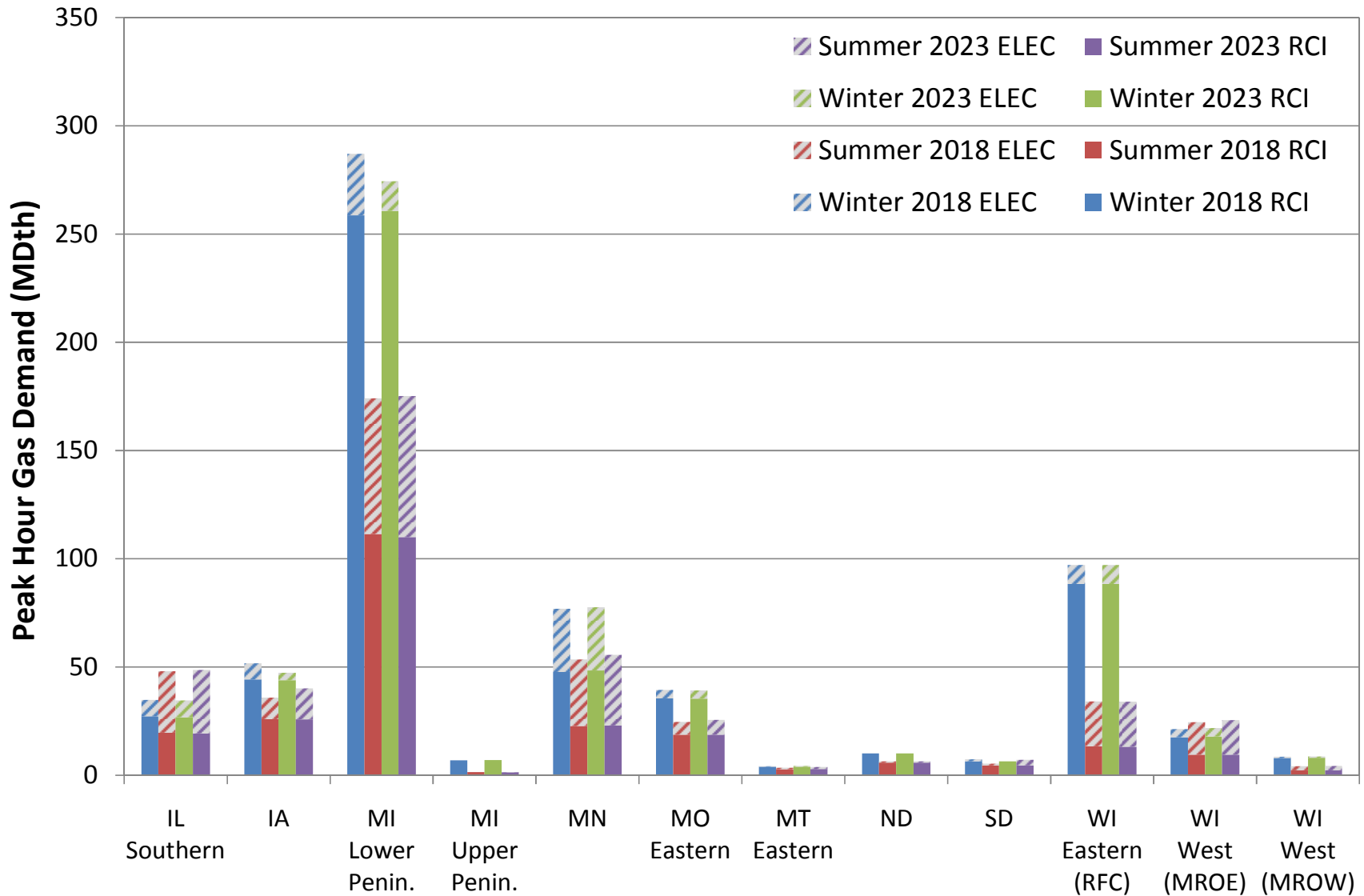


Figure E18-60. RGDS S5c Total Peak Hour Gas Demand – MISO South

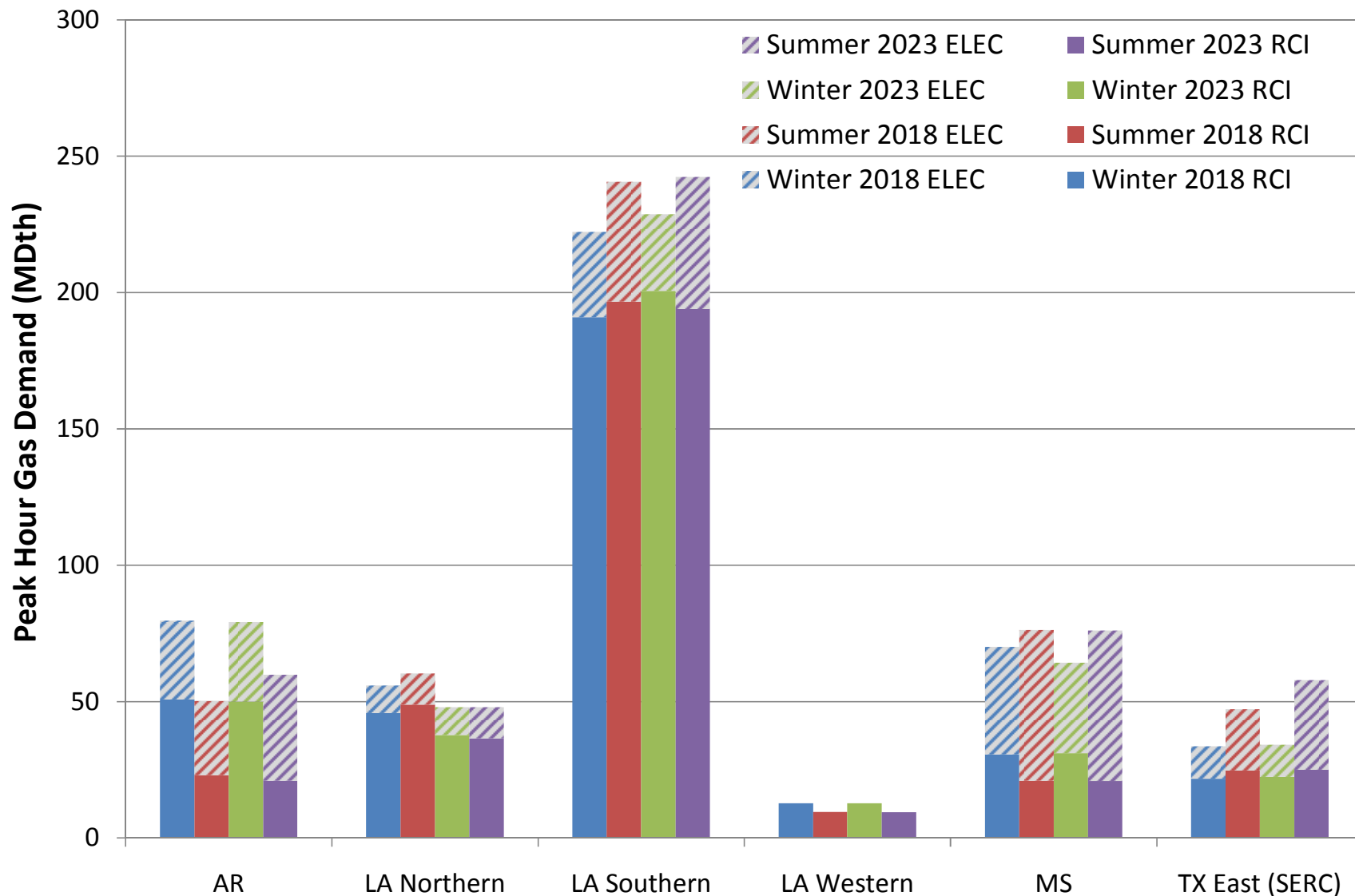


Figure E18-61. RGDS S5c Total Peak Hour Gas Demand – NYISO

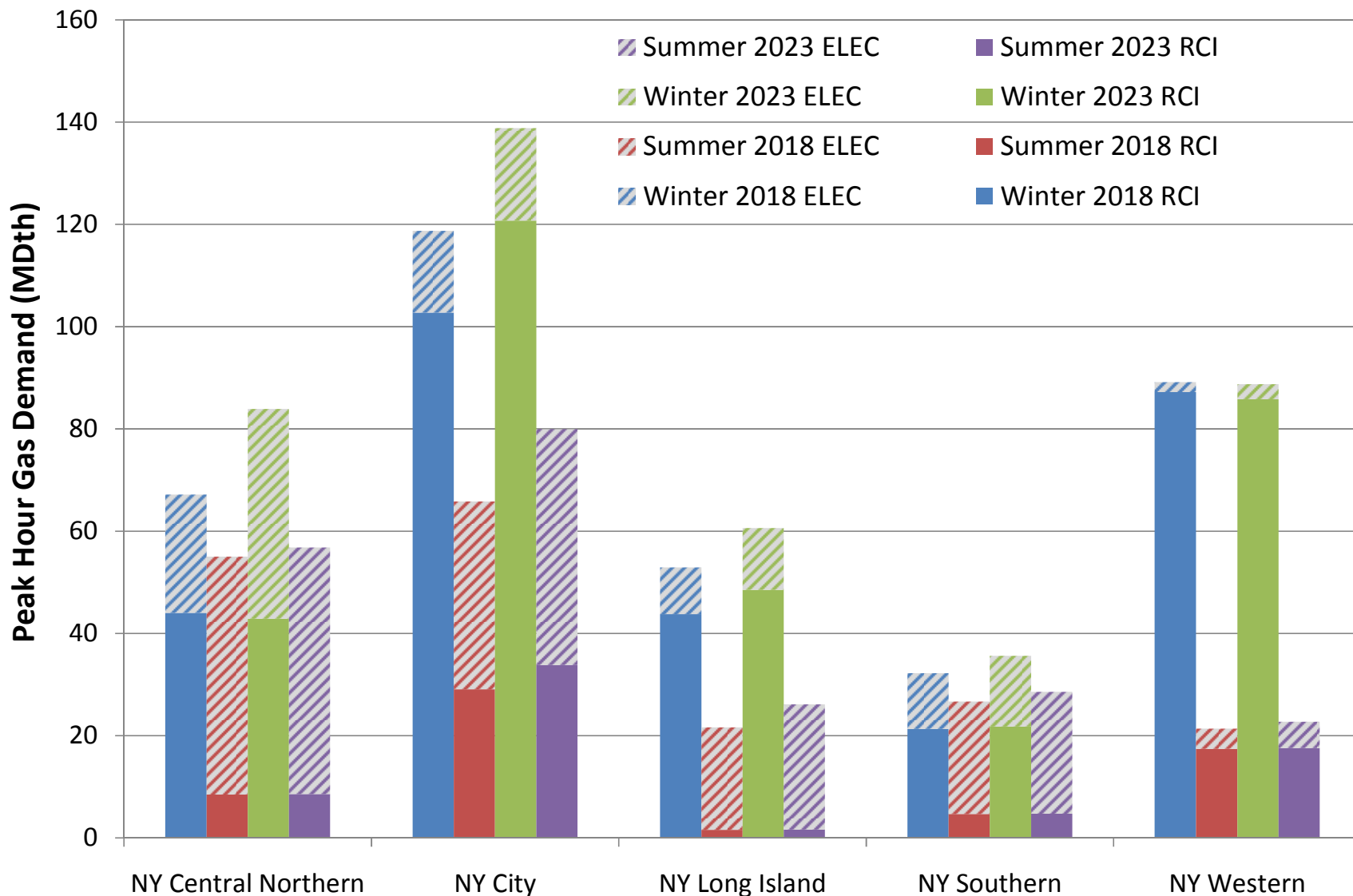


Figure E18-62. RGDS S5c Total Peak Hour Gas Demand – PJM

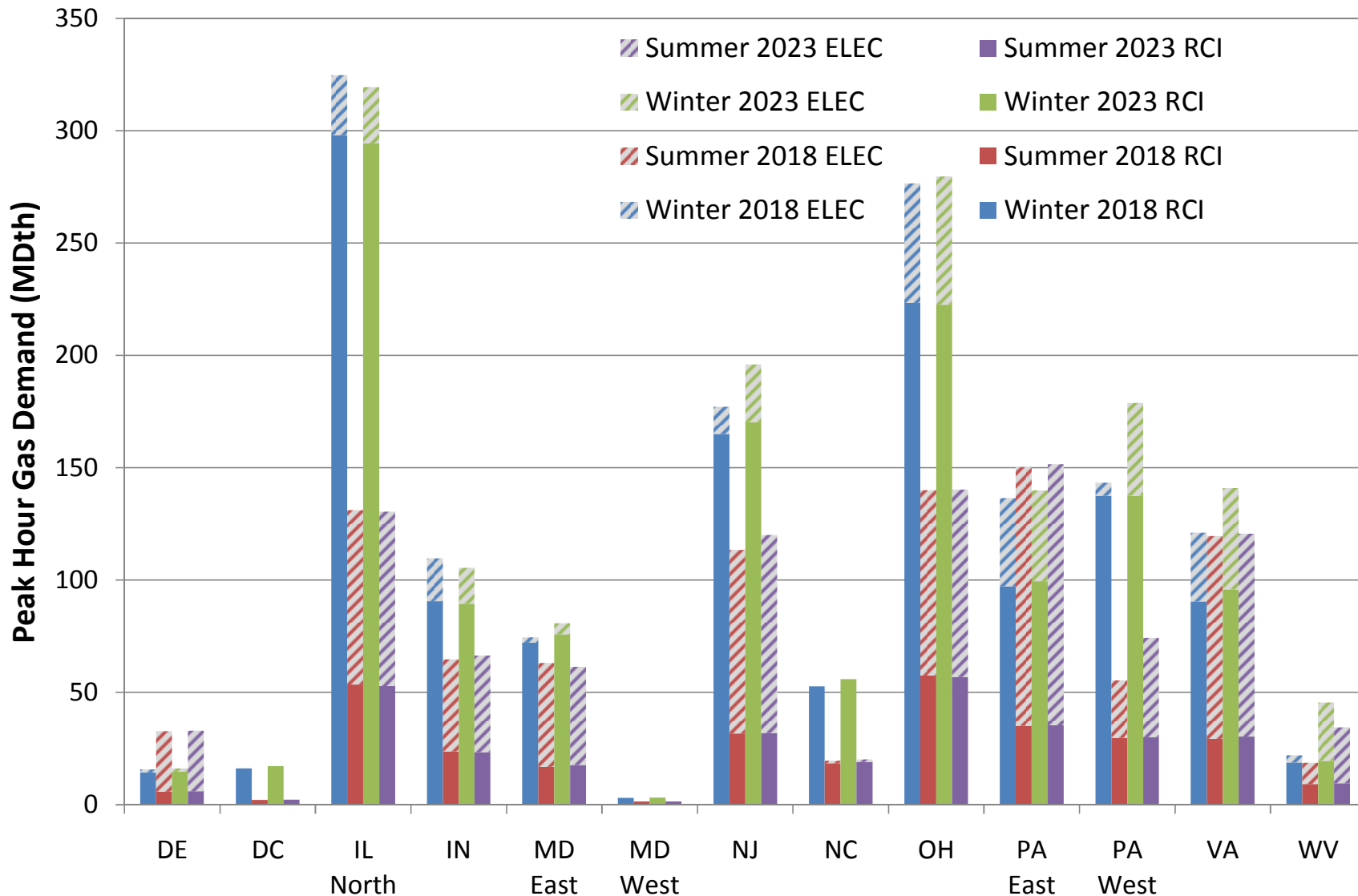


Figure E18-63. RGDS S5c Total Peak Hour Gas Demand – TVA

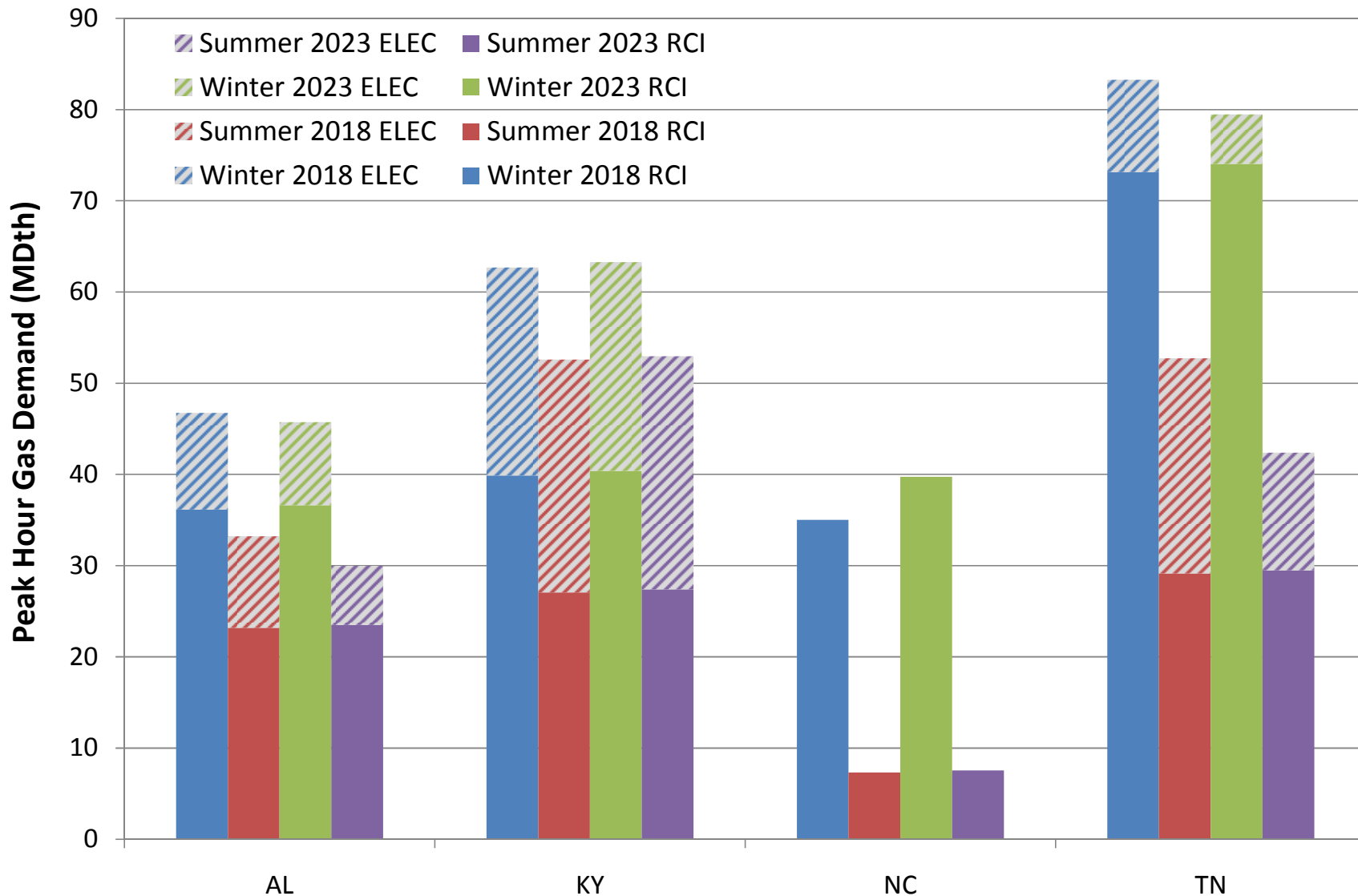




Figure E18-64. HGDS S9 Total Peak Hour Gas Demand – IESO

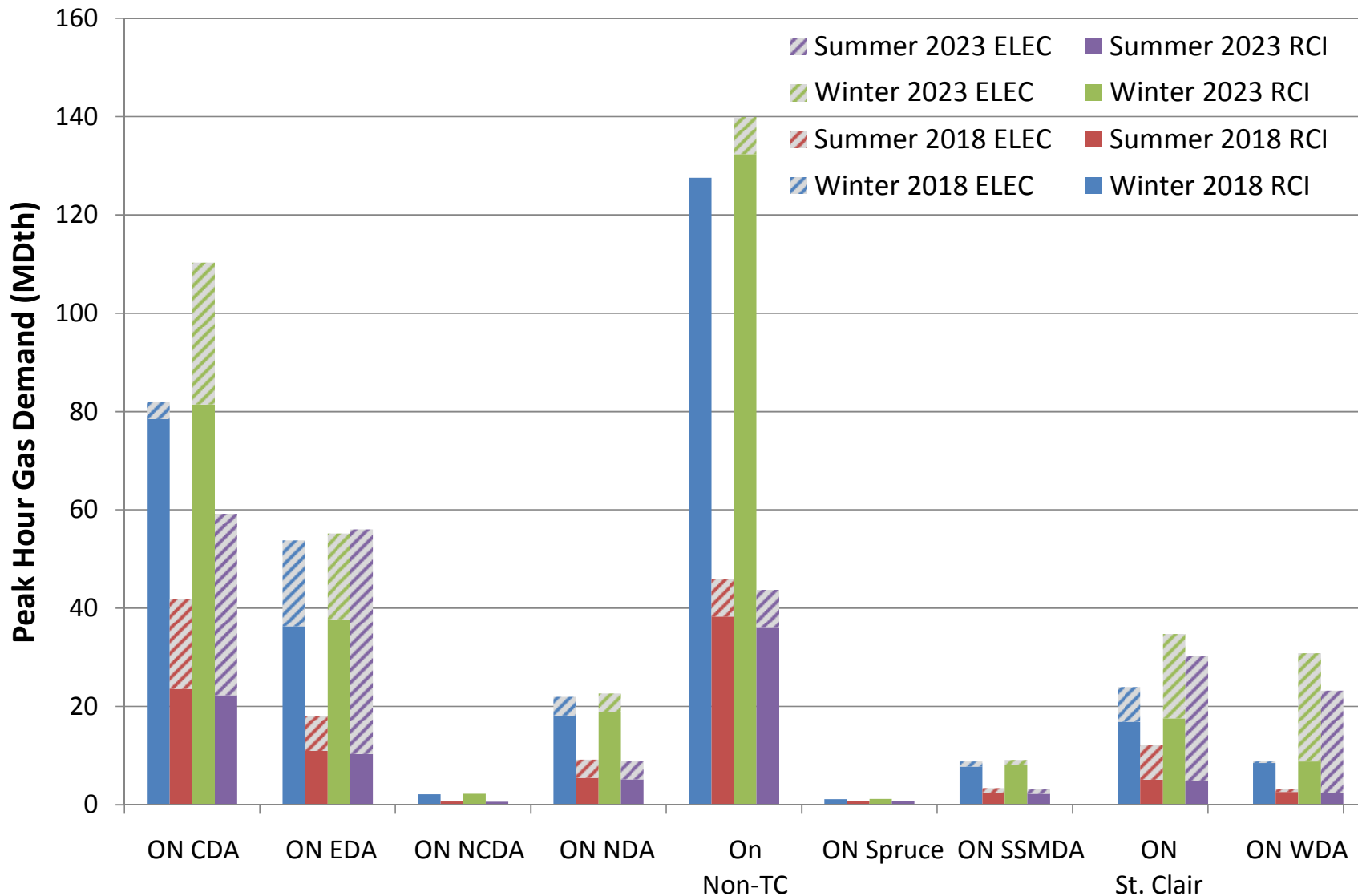


Figure E18-65. HGDS S9 Total Peak Hour Gas Demand – ISO-NE

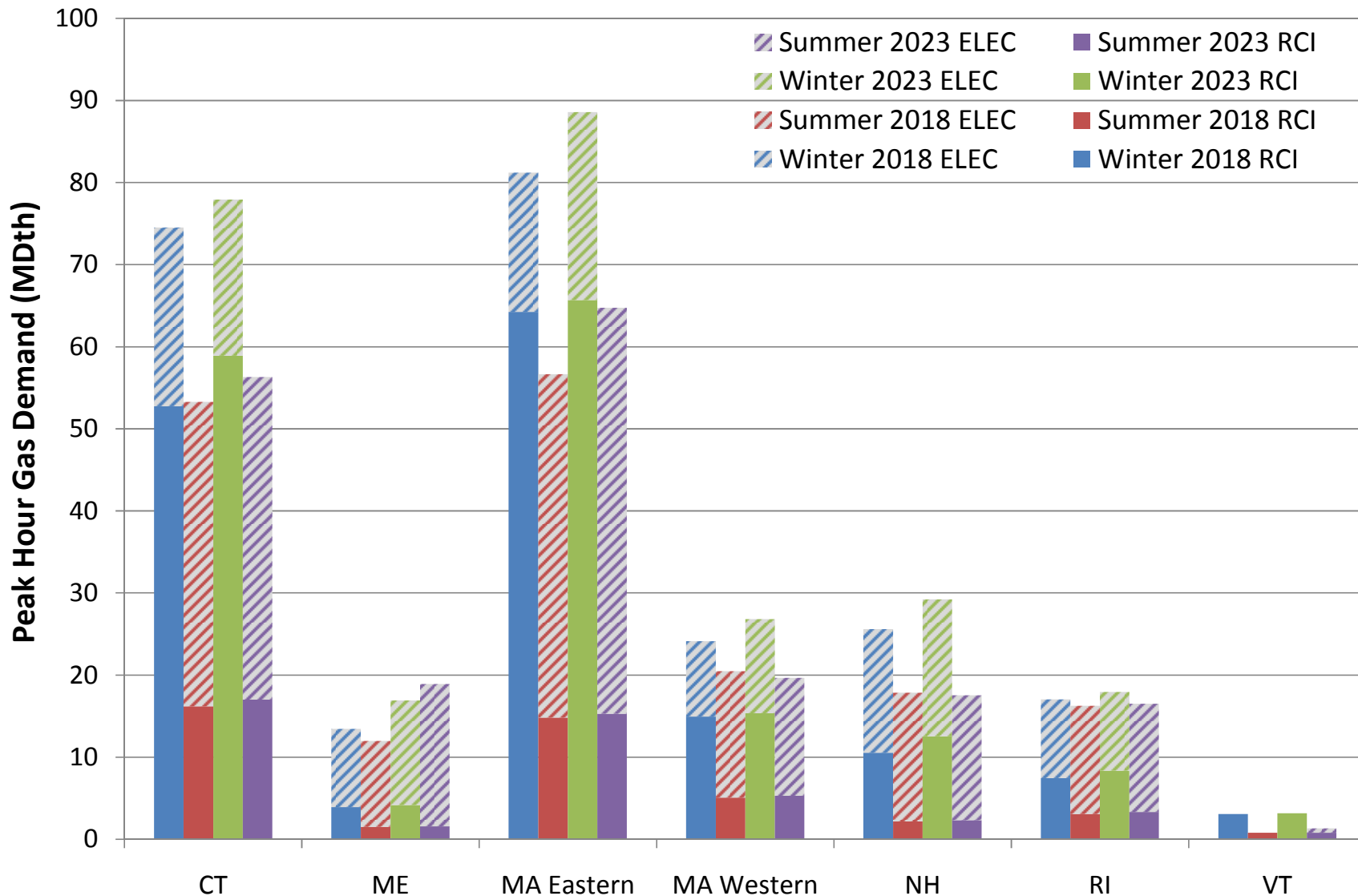


Figure E18-66. HGDS S9 Total Peak Hour Gas Demand – MISO North/Central

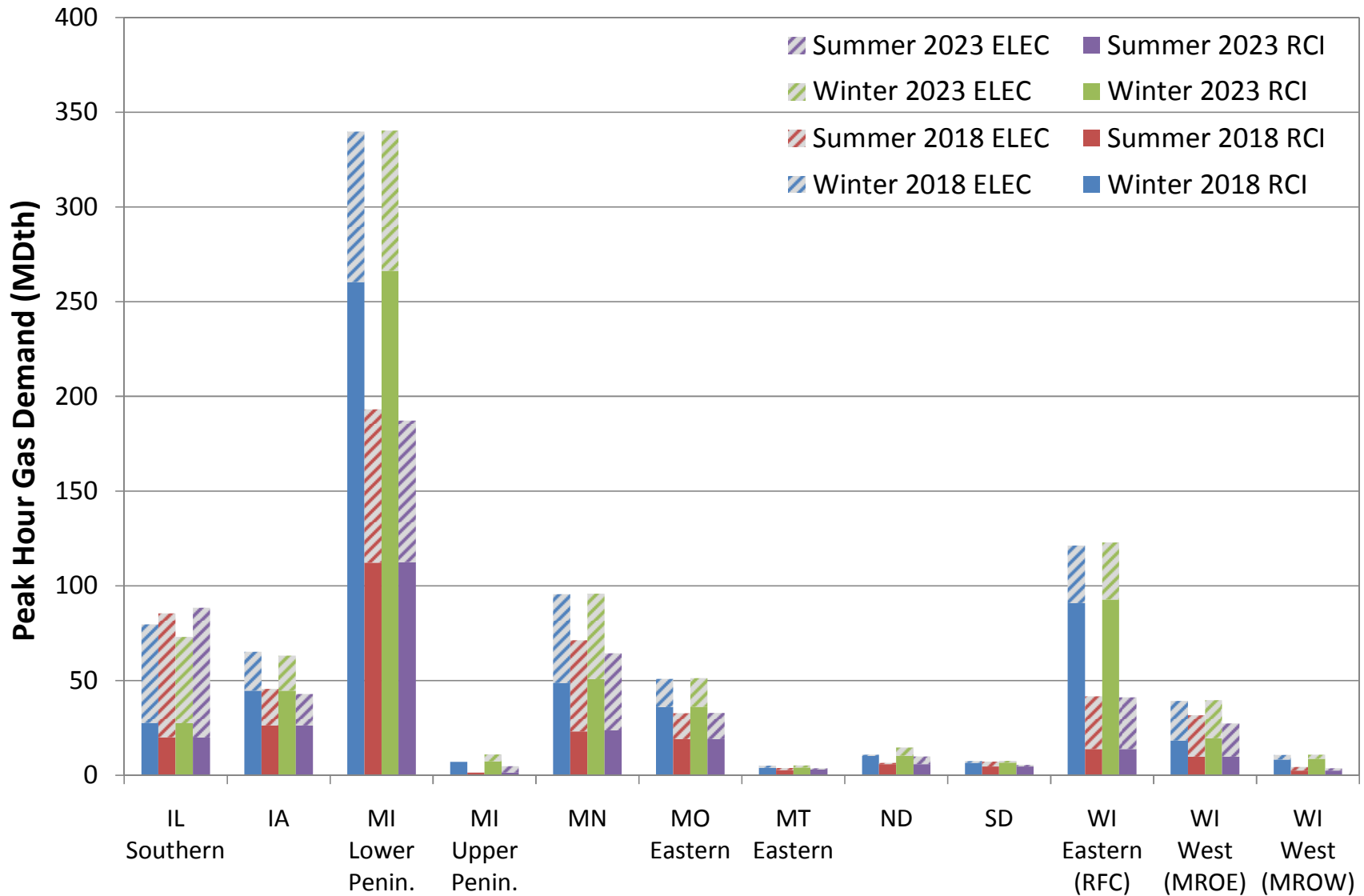


Figure E18-67. HGDS S9 Total Peak Hour Gas Demand – MISO South

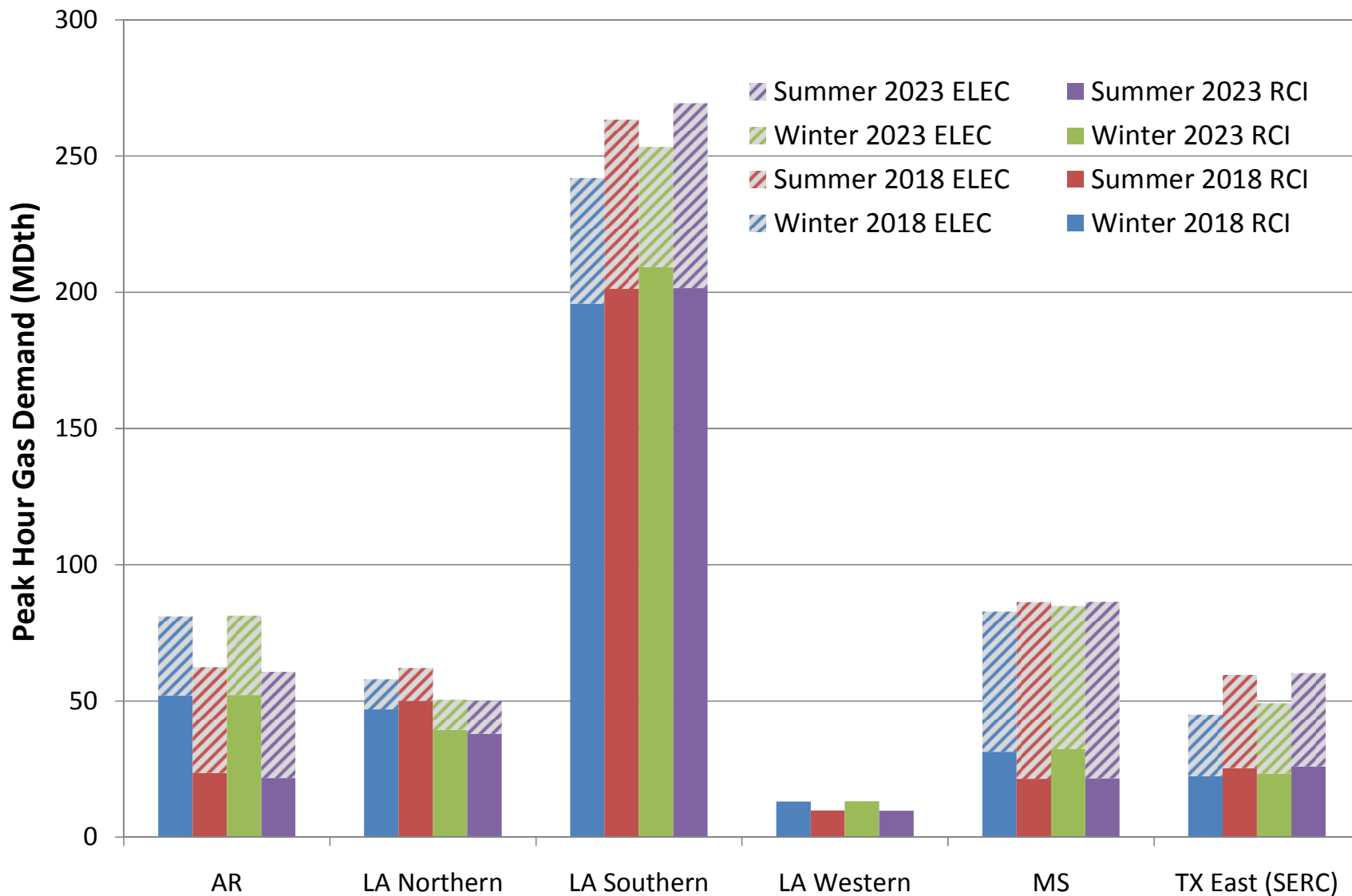


Figure E18-68. HGDS S9 Total Peak Hour Gas Demand – NYISO

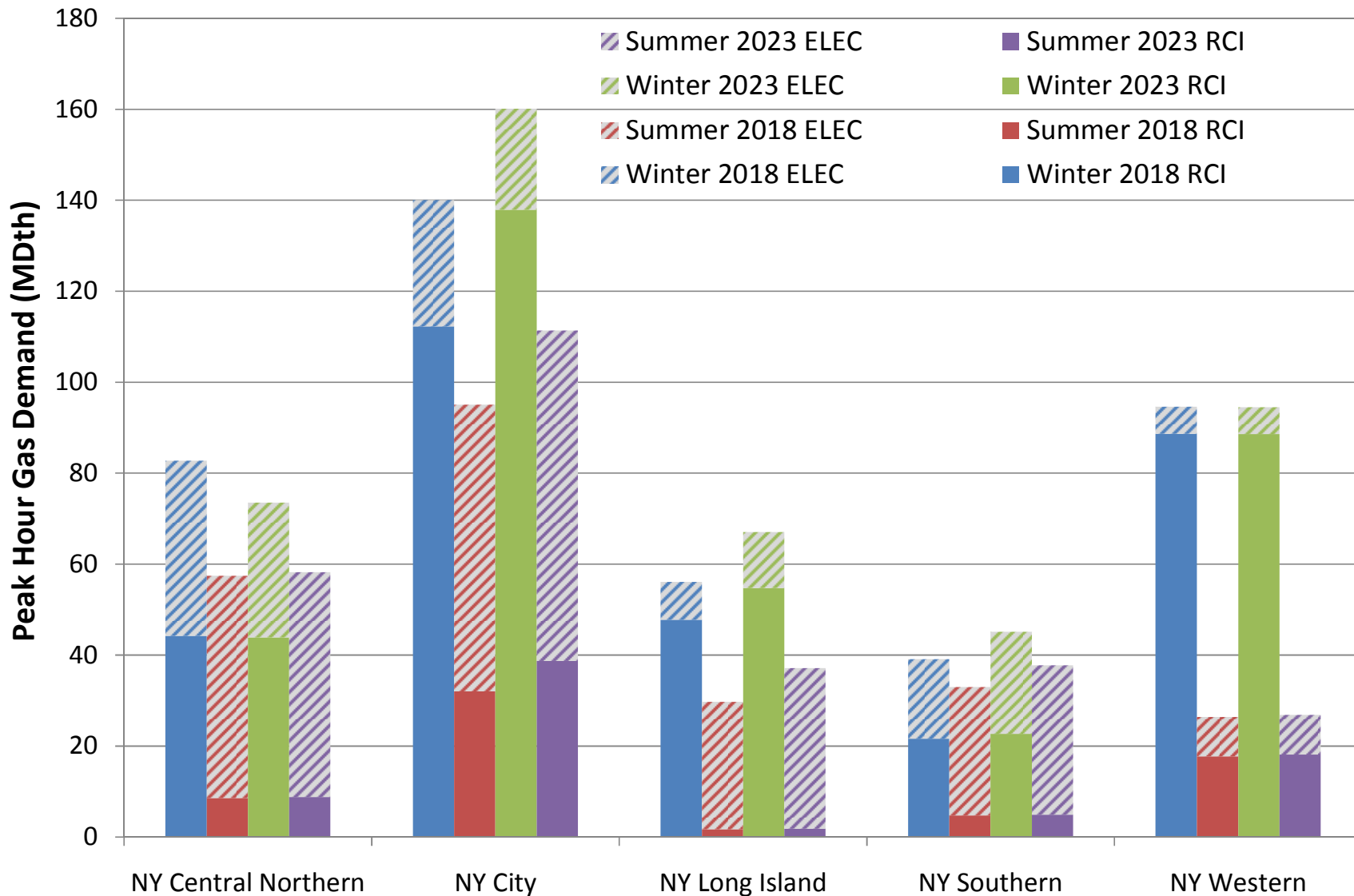


Figure E18-69. HGDS S9 Total Peak Hour Gas Demand – PJM

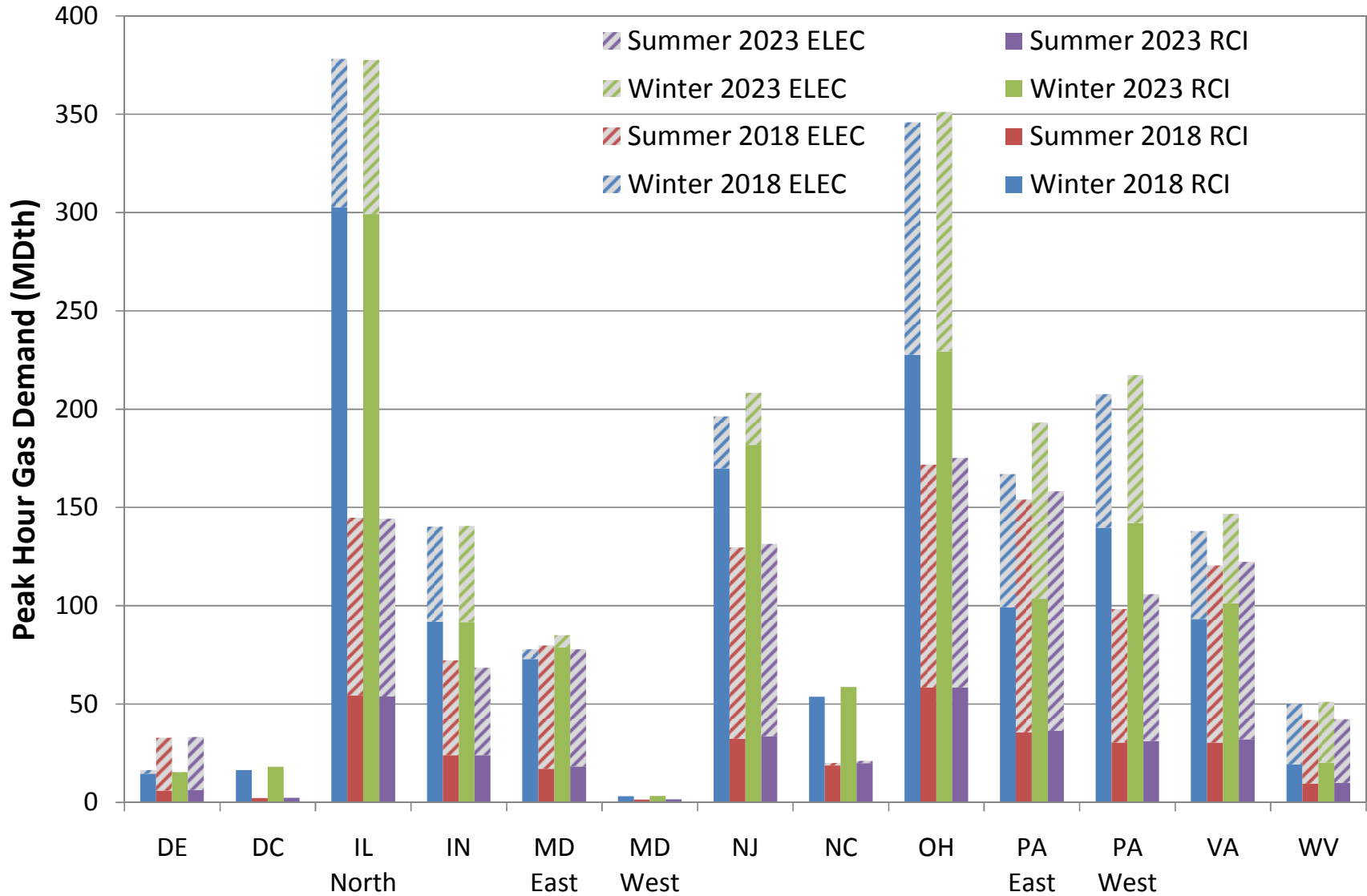


Figure E18-70. HGDS S9 Total Peak Hour Gas Demand – TVA

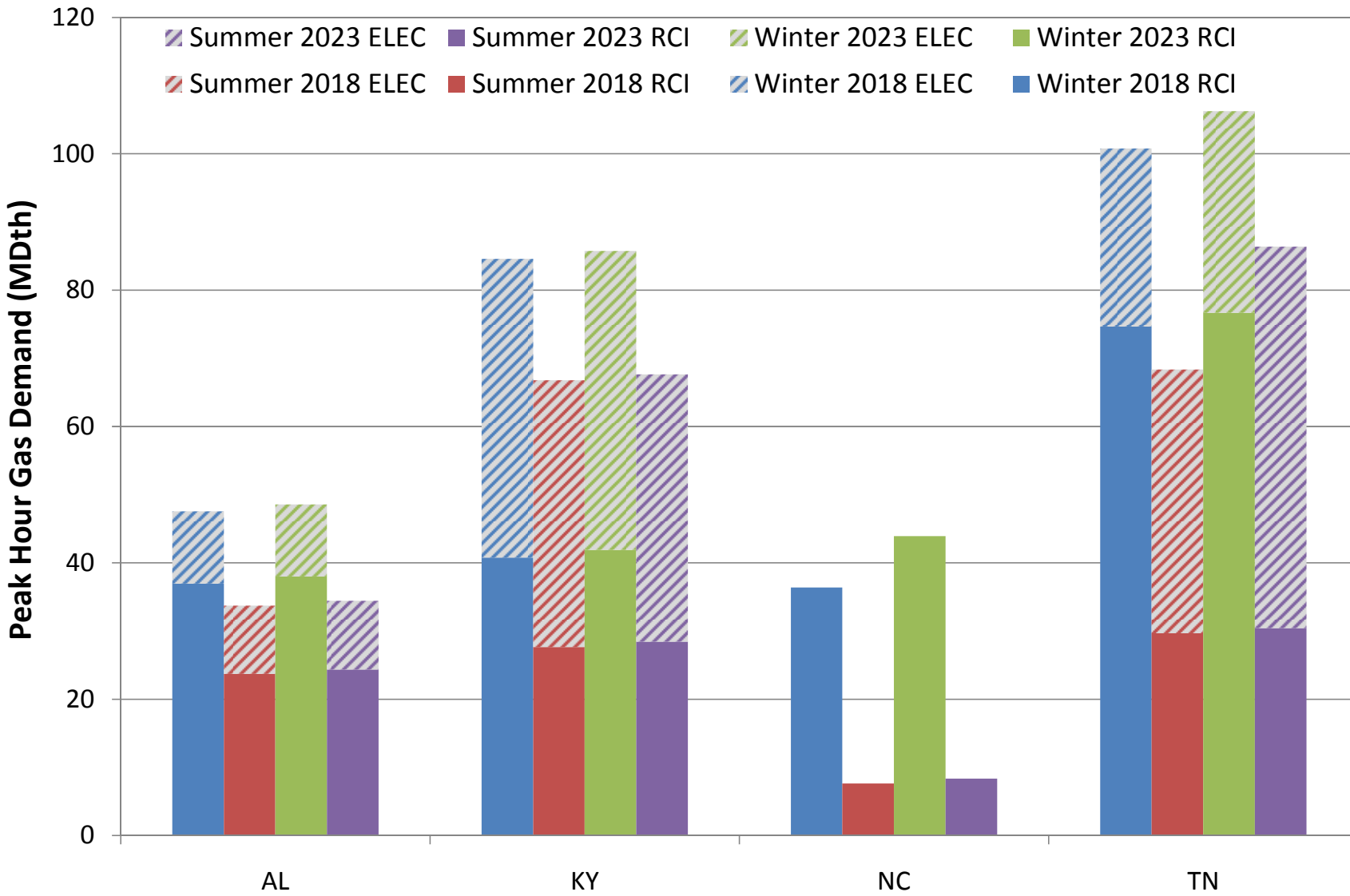


Figure E18-71. RGDS S18 Total Peak Hour Gas Demand – IESO

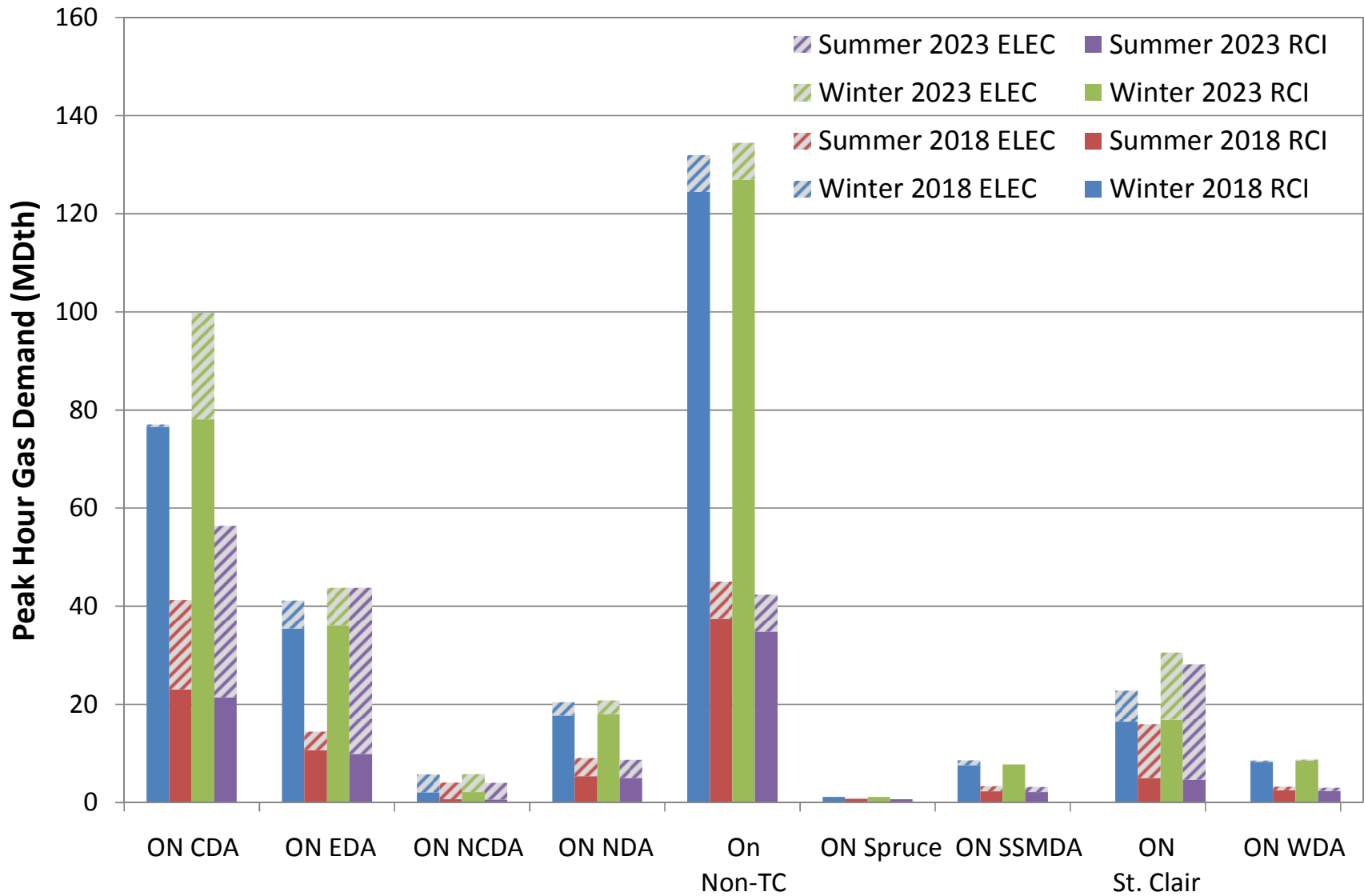




Figure E18-72. RGDS S18 Total Peak Hour Gas Demand – ISO-NE

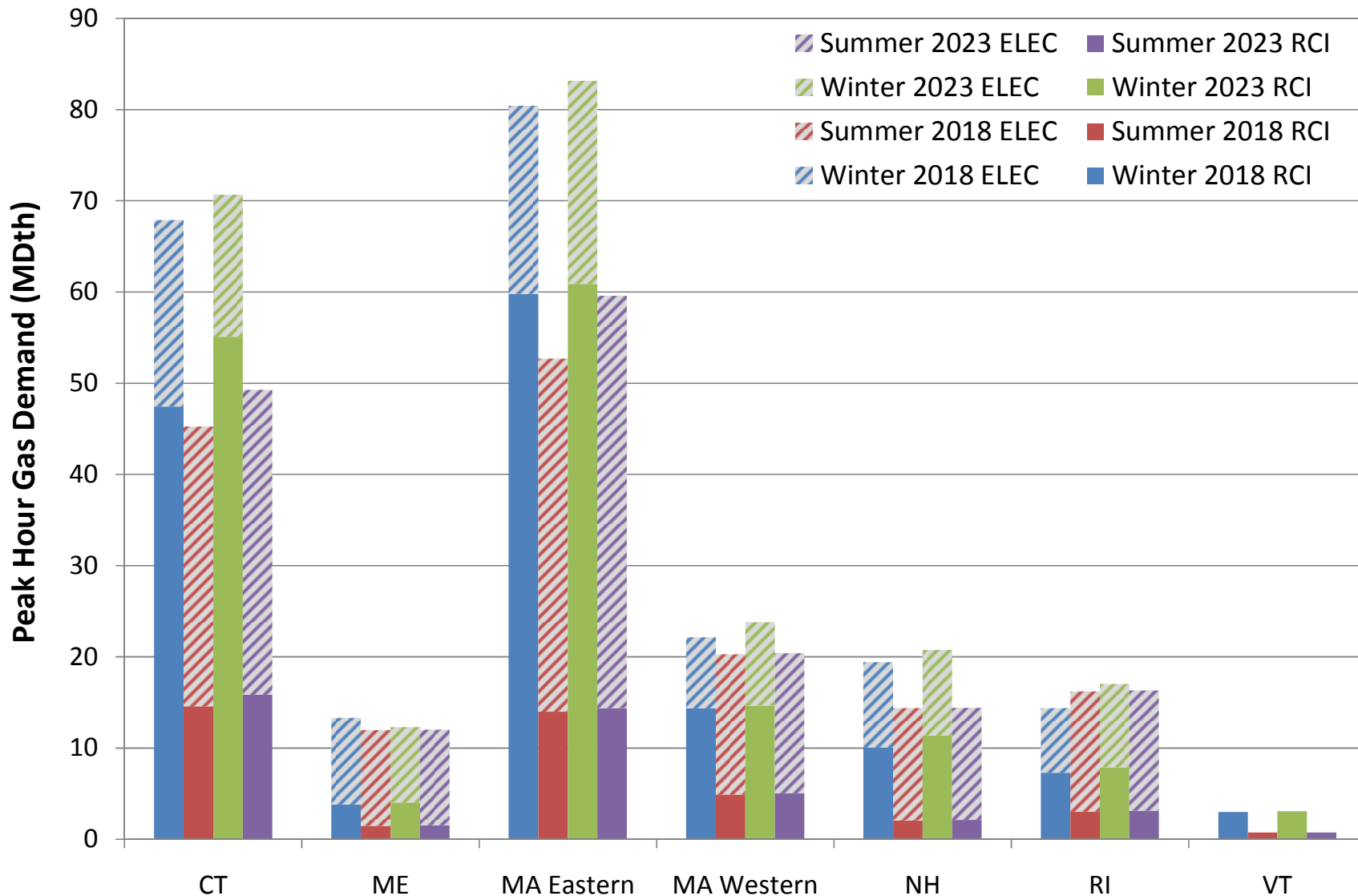


Figure E18-73. RGDS S18 Total Peak Hour Gas Demand – MISO North/Central

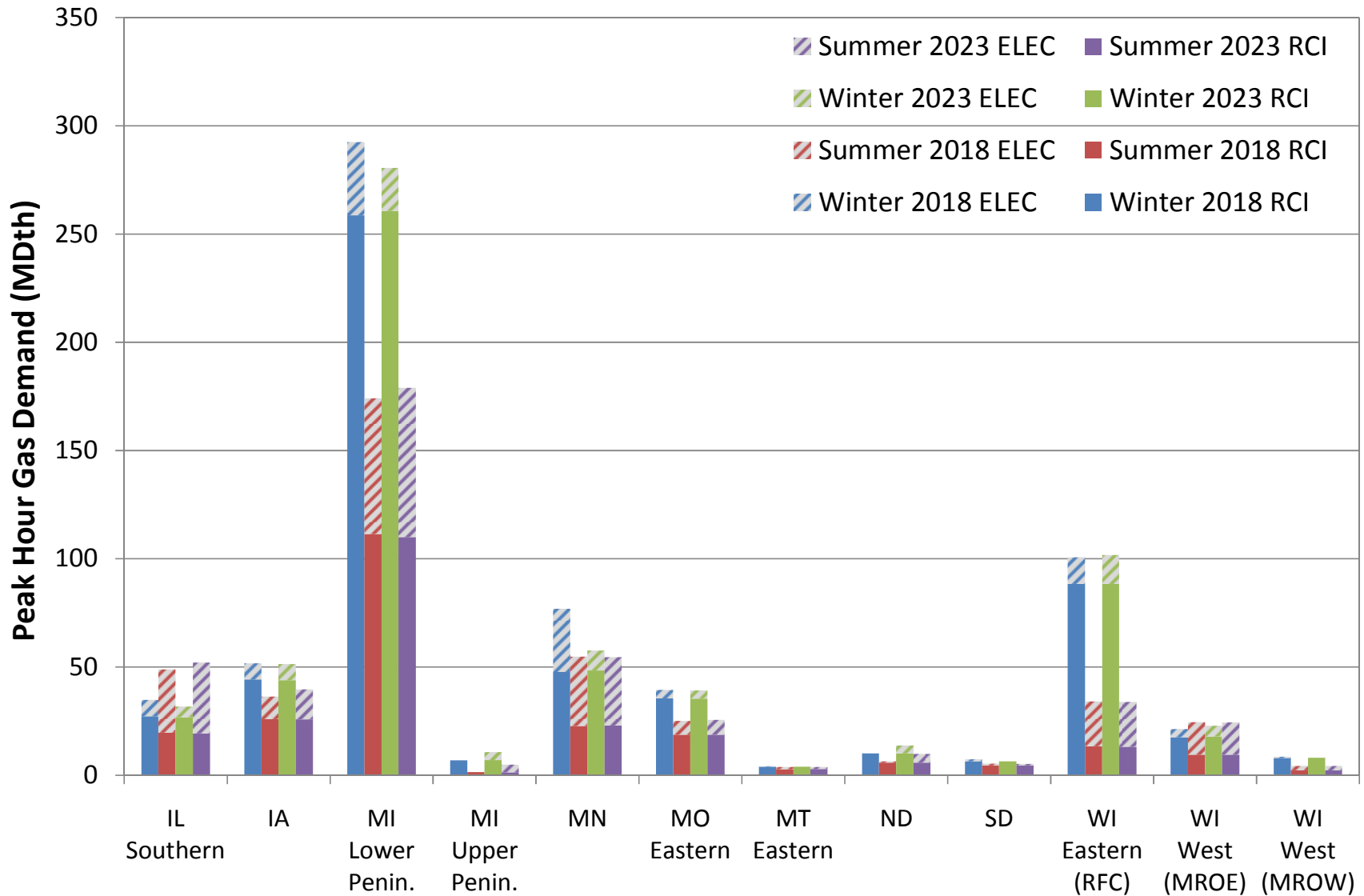


Figure E18-74. RGDS S18 Total Peak Hour Gas Demand – MISO South

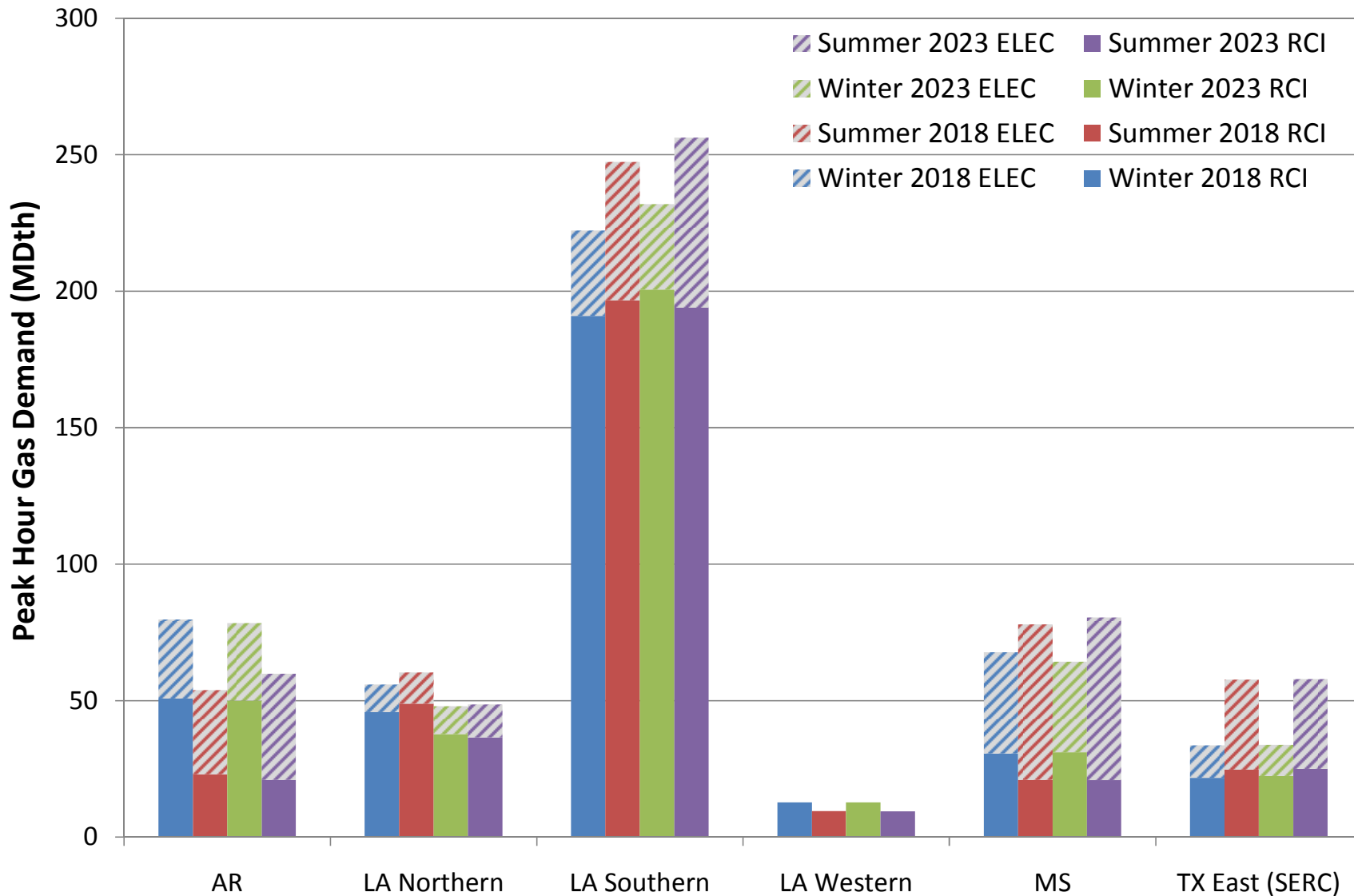


Figure E18-75. RGDS S18 Total Peak Hour Gas Demand – NYISO

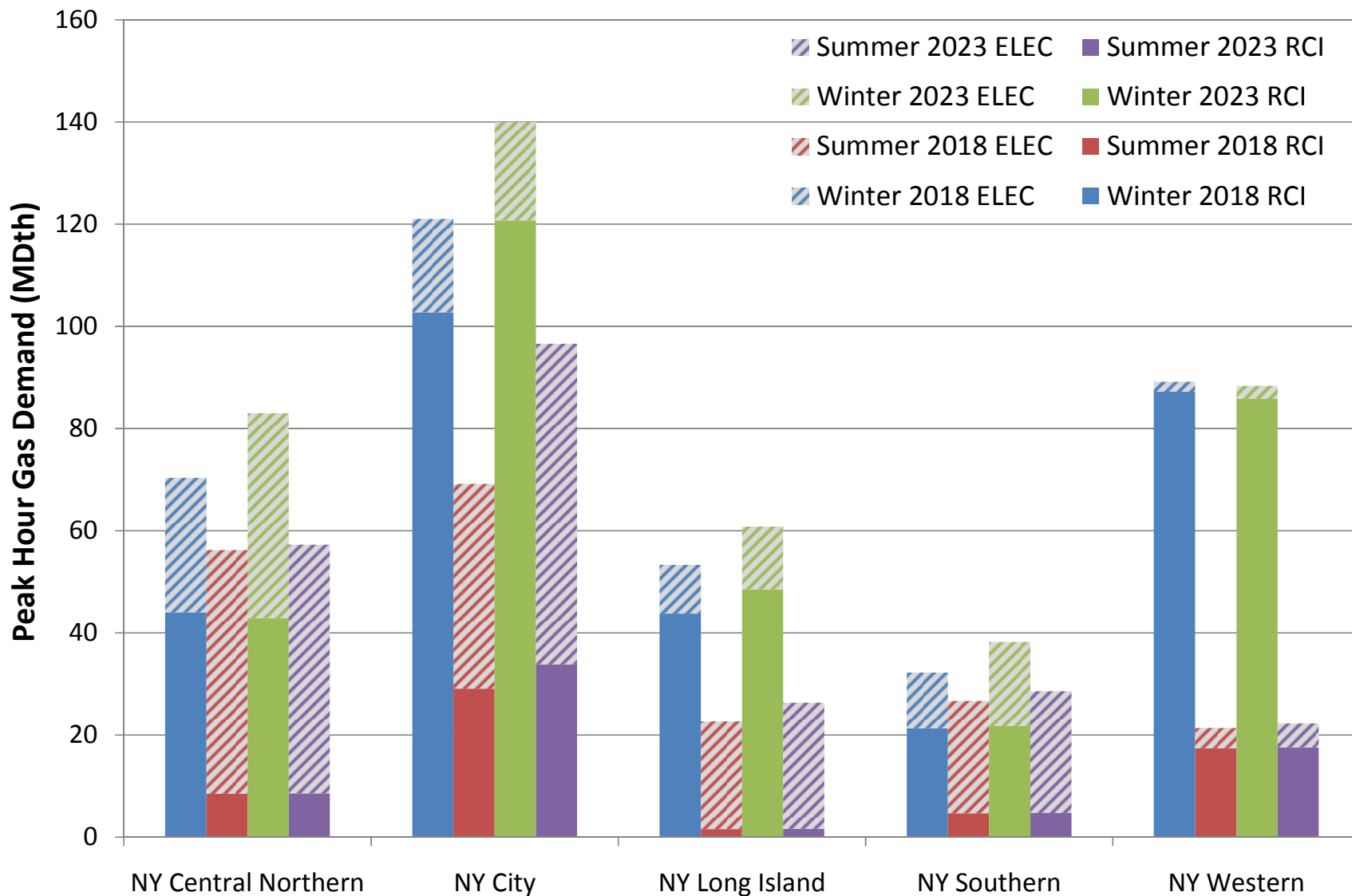


Figure E18-76. RGDS S18 Total Peak Hour Gas Demand – PJM

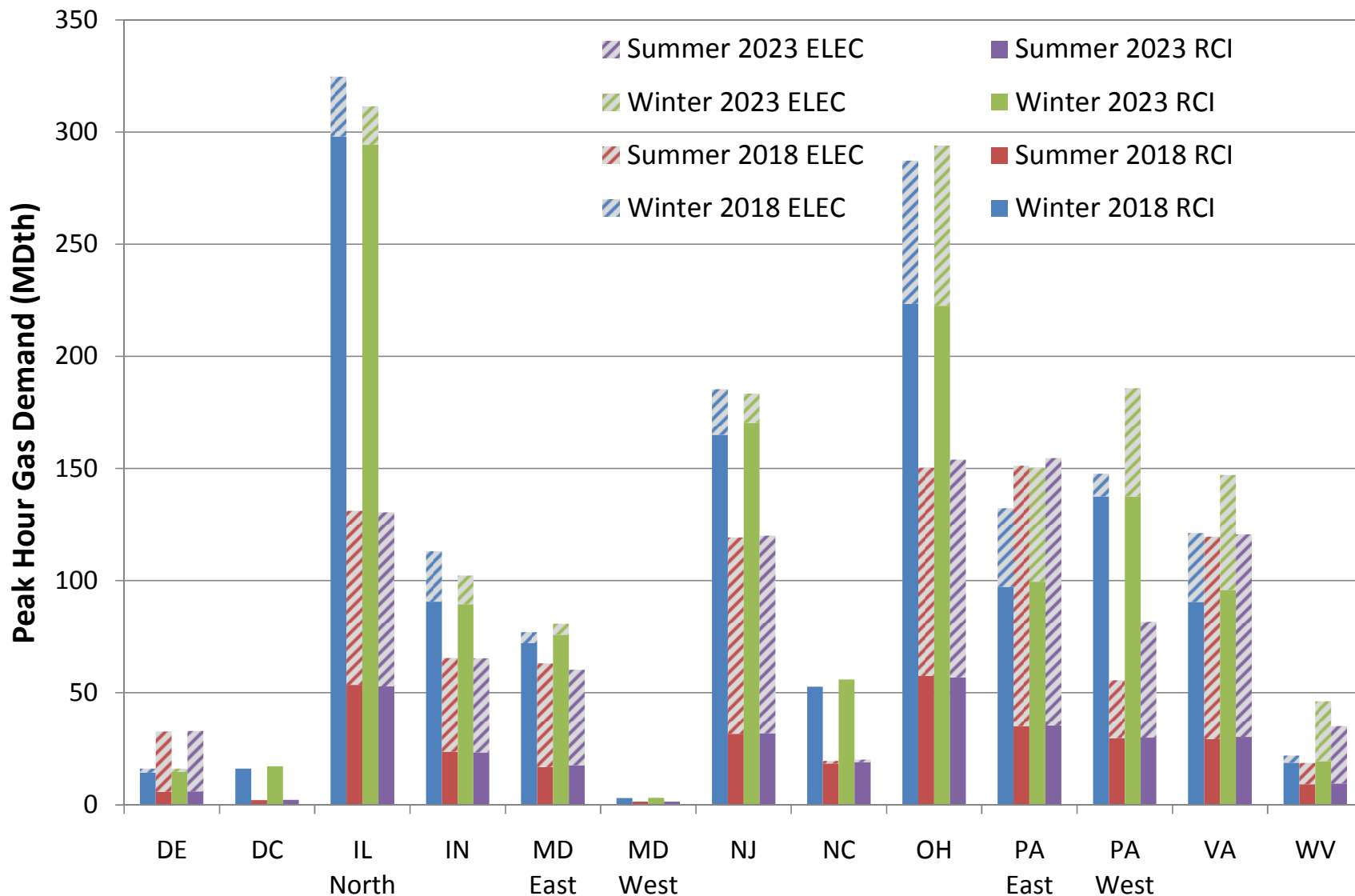


Figure E18-77. RGDS S18 Total Peak Hour Gas Demand – TVA

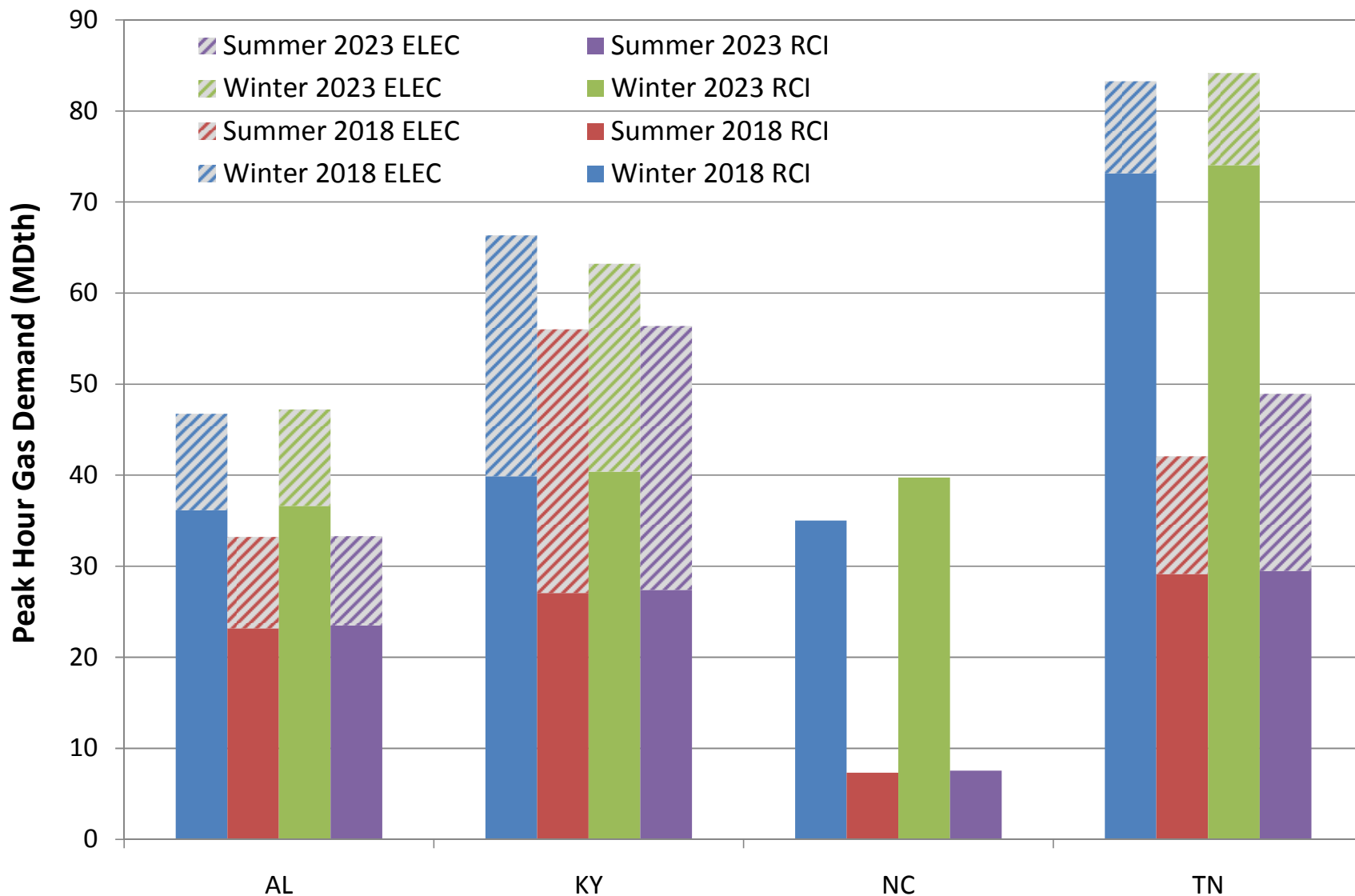


Figure E18-78. RGDS S19 Total Peak Hour Gas Demand – IESO

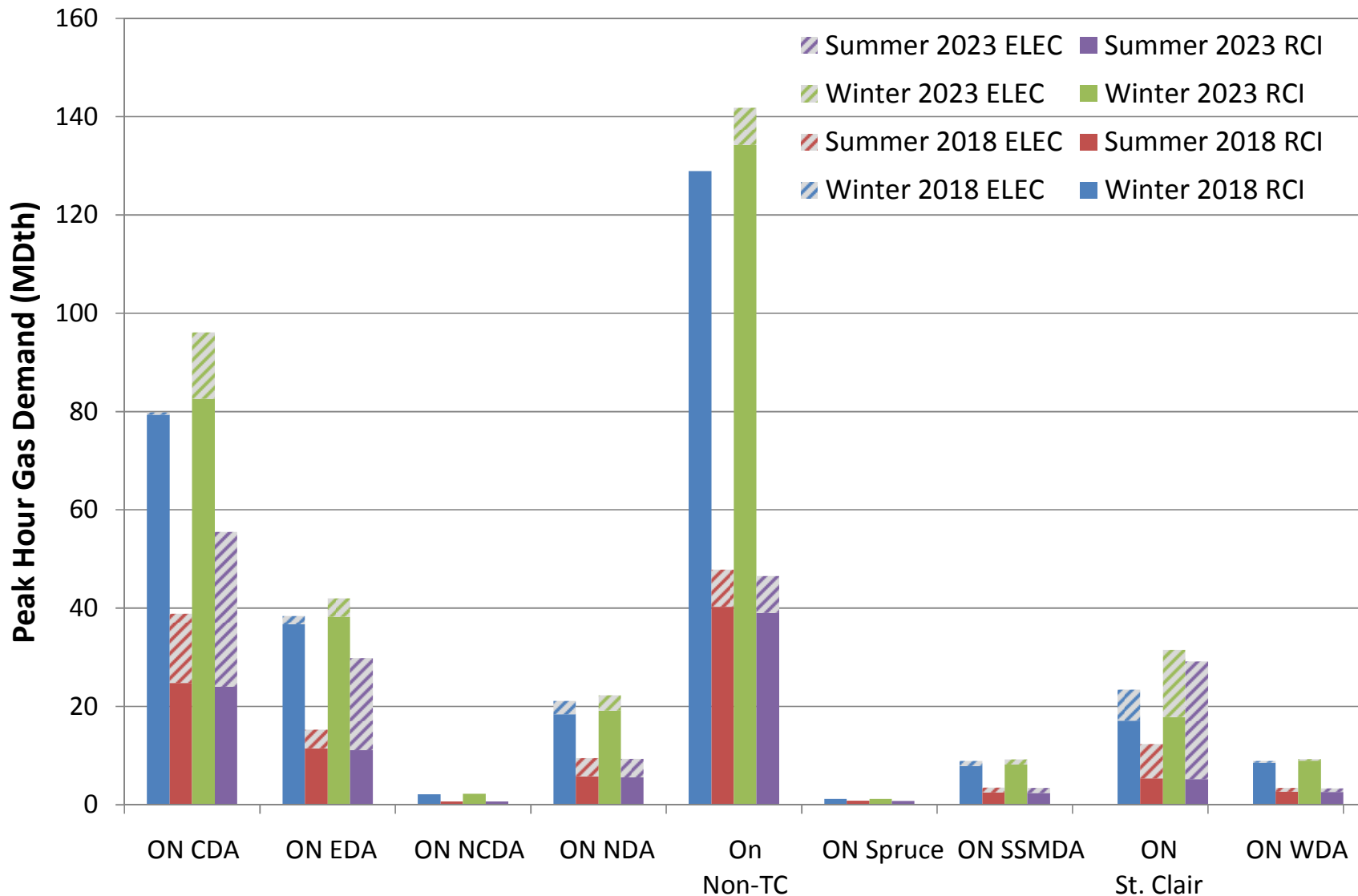


Figure E18-79. RGDS S19 Total Peak Hour Gas Demand – ISO-NE

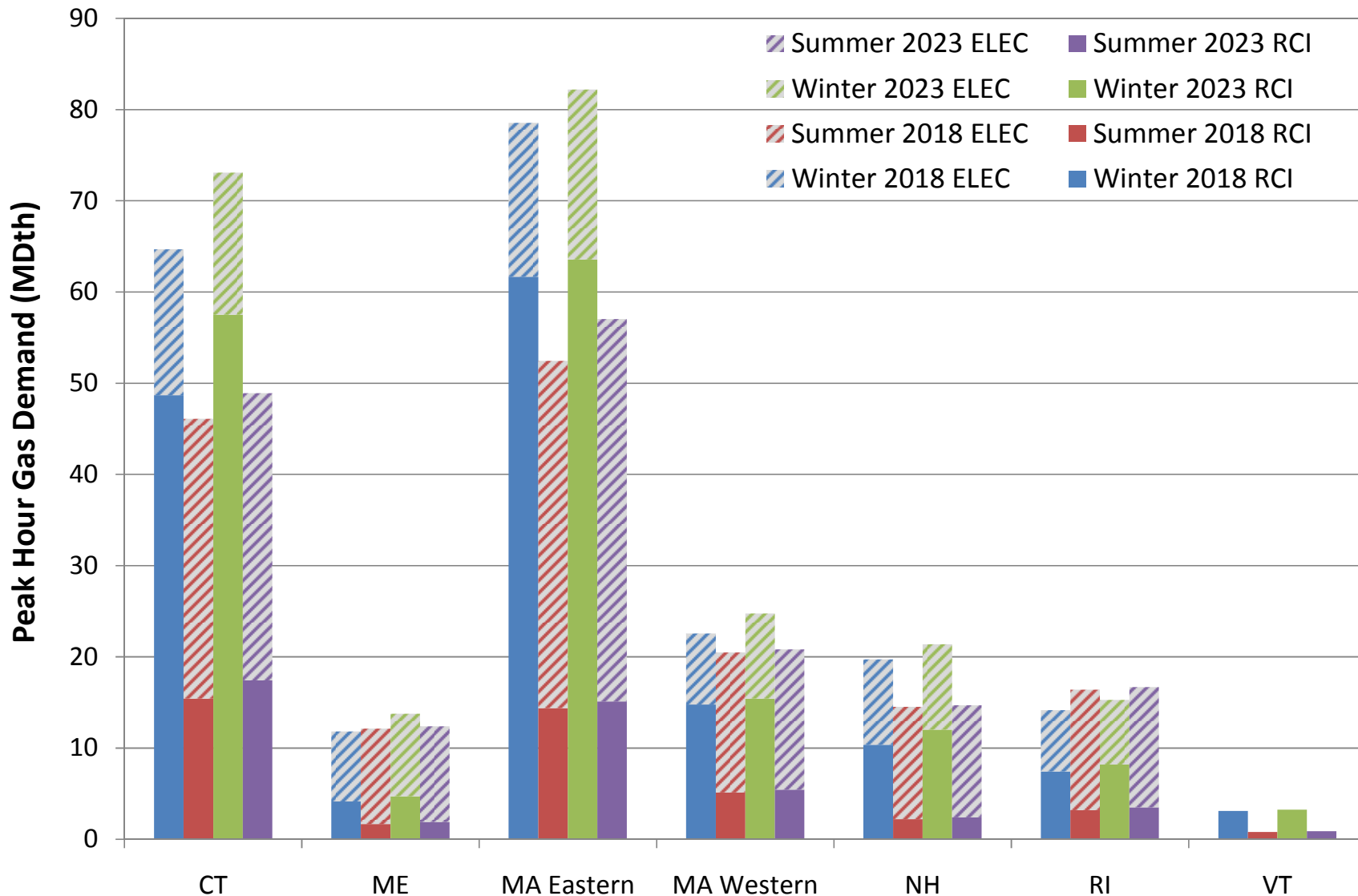




Figure E18-80. RGDS S19 Total Peak Hour Gas Demand – MISO North/Central

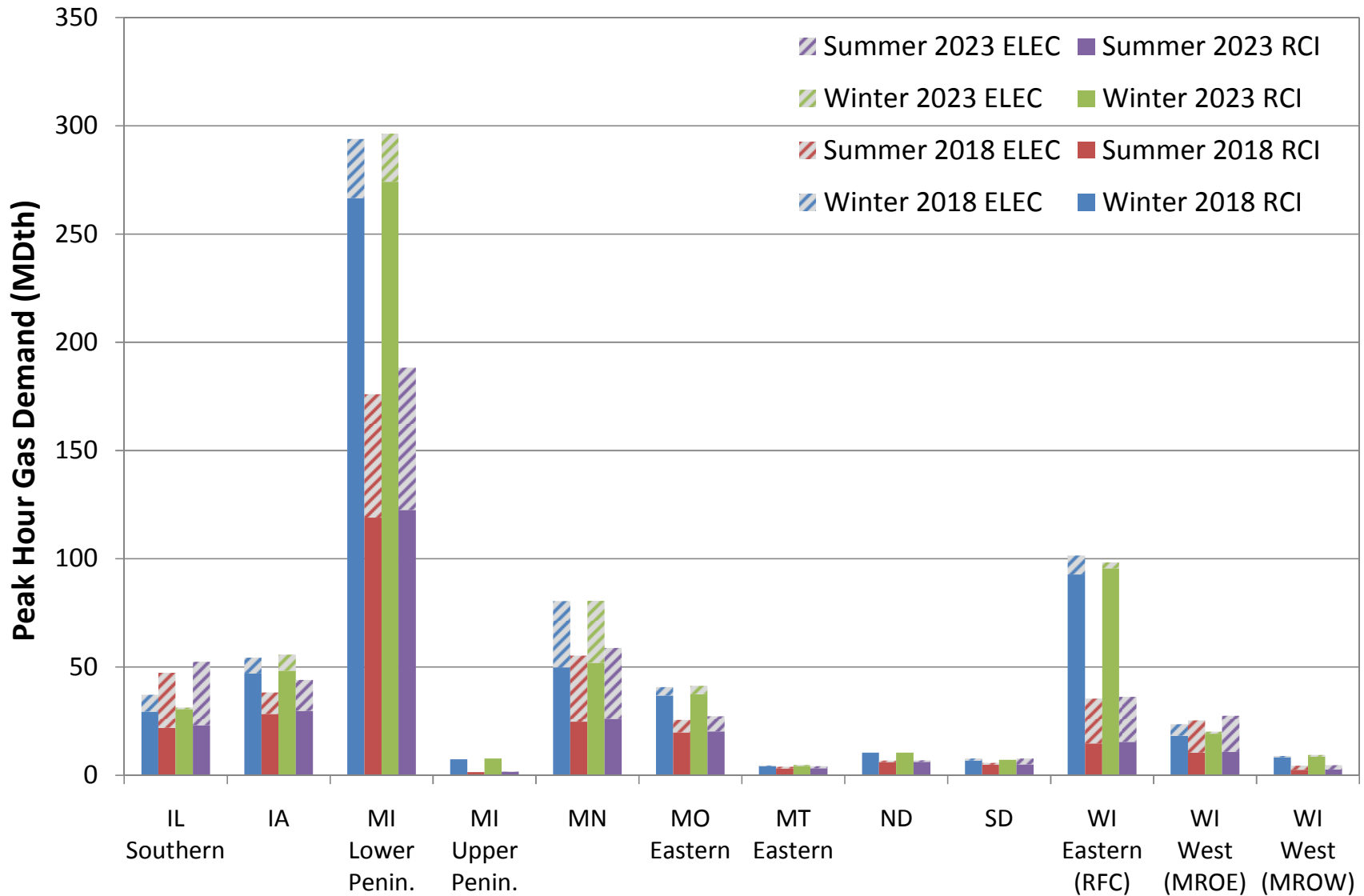


Figure E18-81. RGDS S19 Total Peak Hour Gas Demand – MISO South

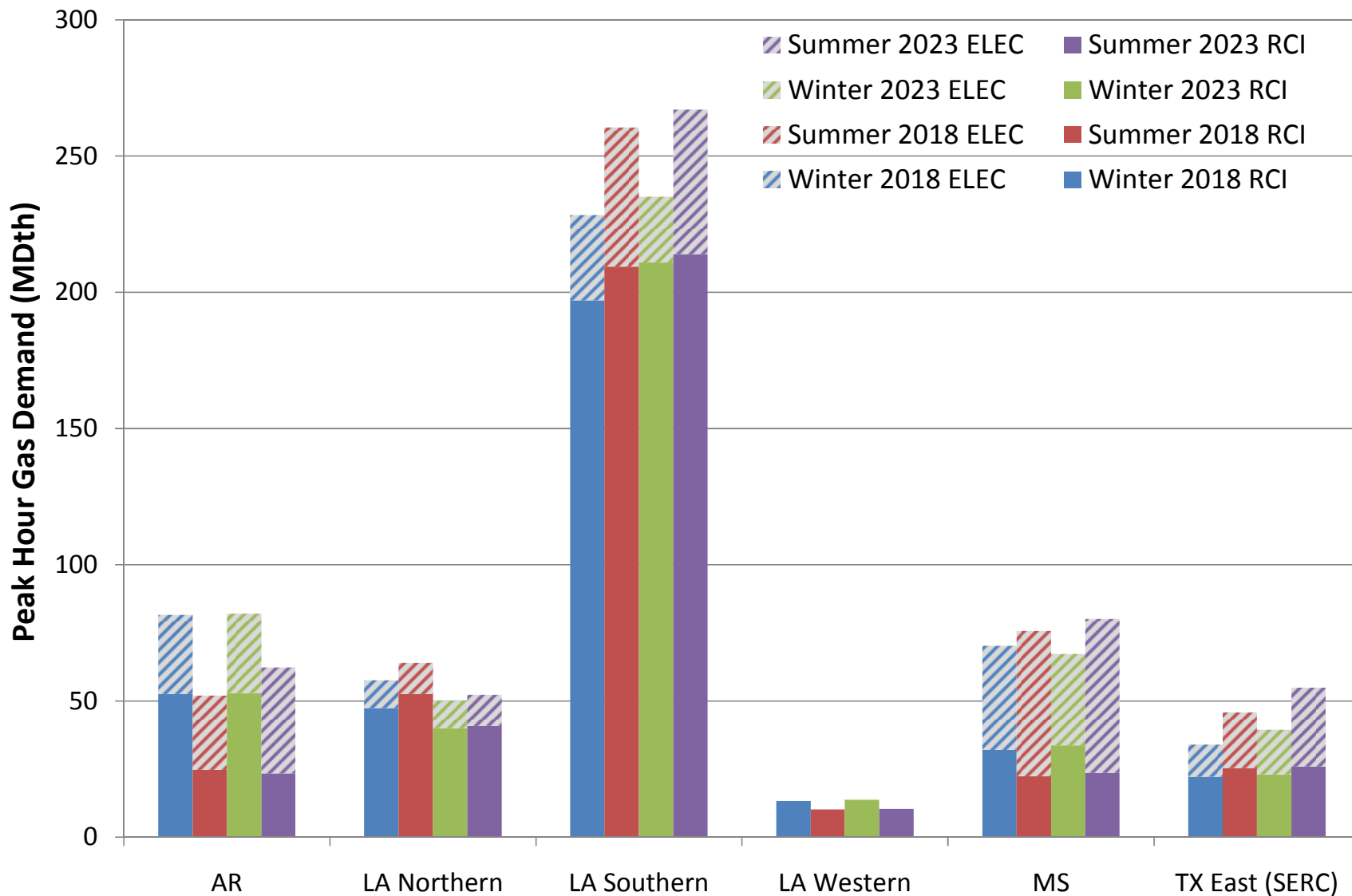


Figure E18-82. RGDS S19 Total Peak Hour Gas Demand – NYISO

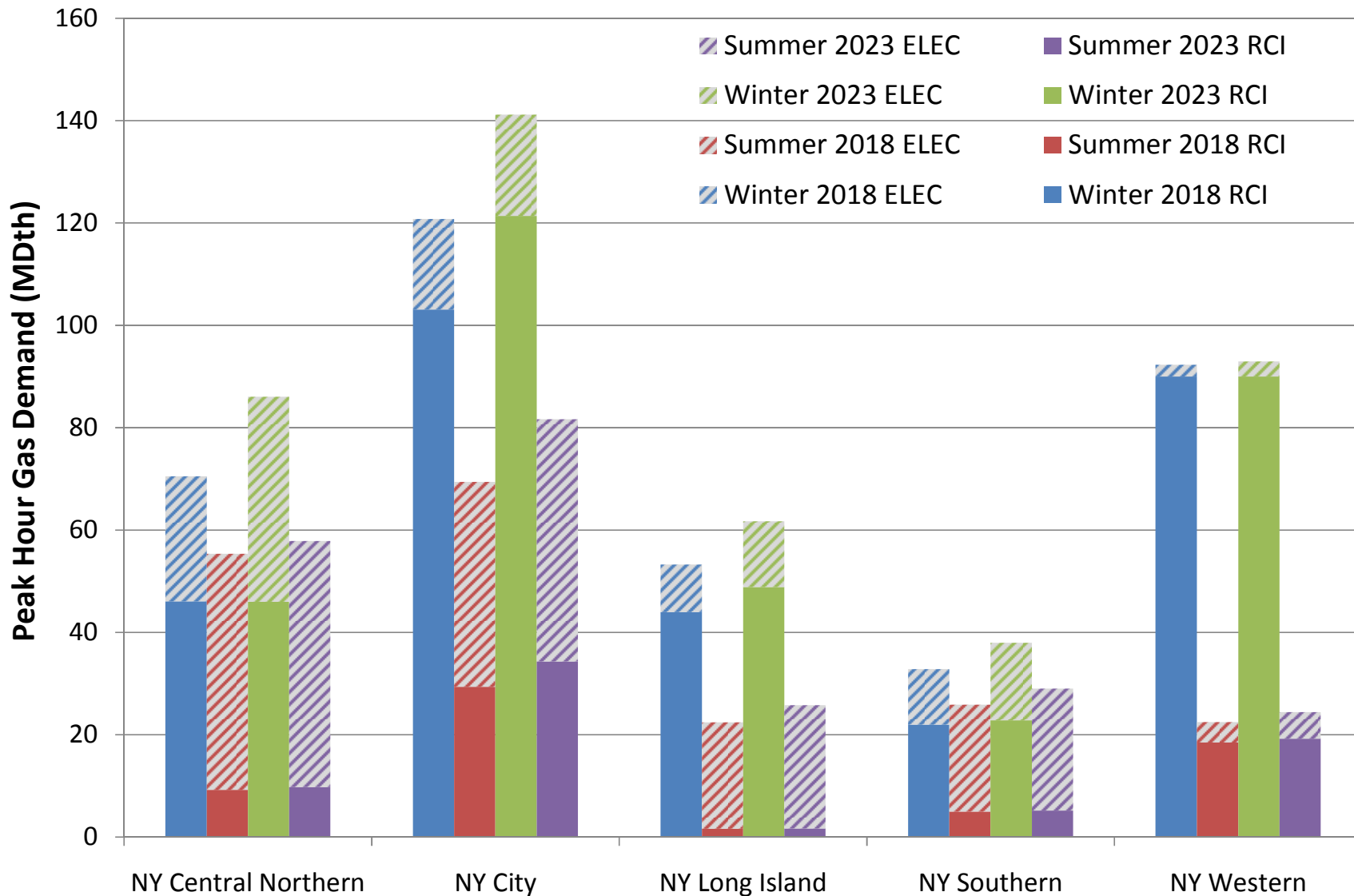


Figure E18-83. RGDS S19 Total Peak Hour Gas Demand – PJM

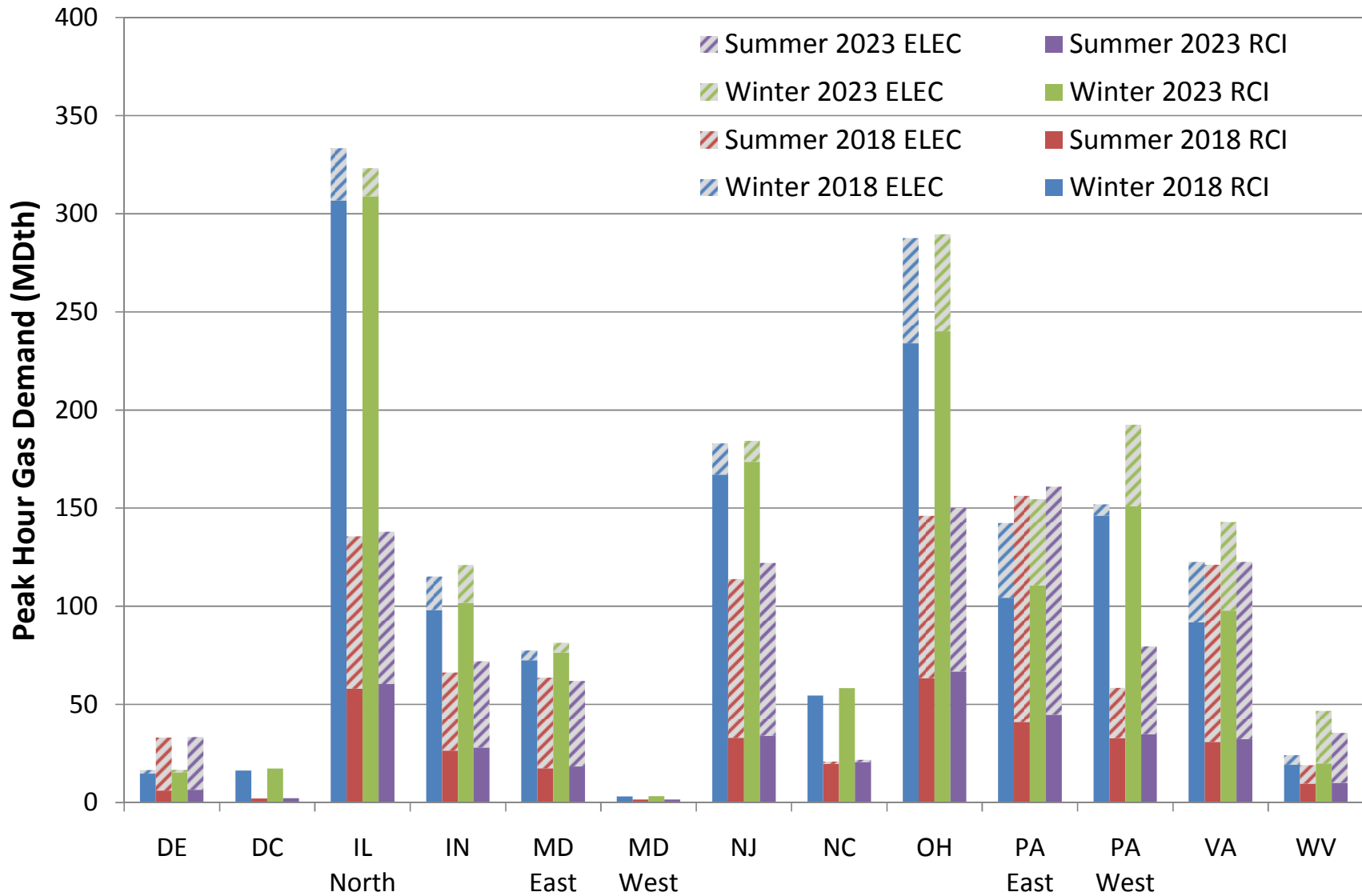


Figure E18-84. RGDS S19 Total Peak Hour Gas Demand – TVA

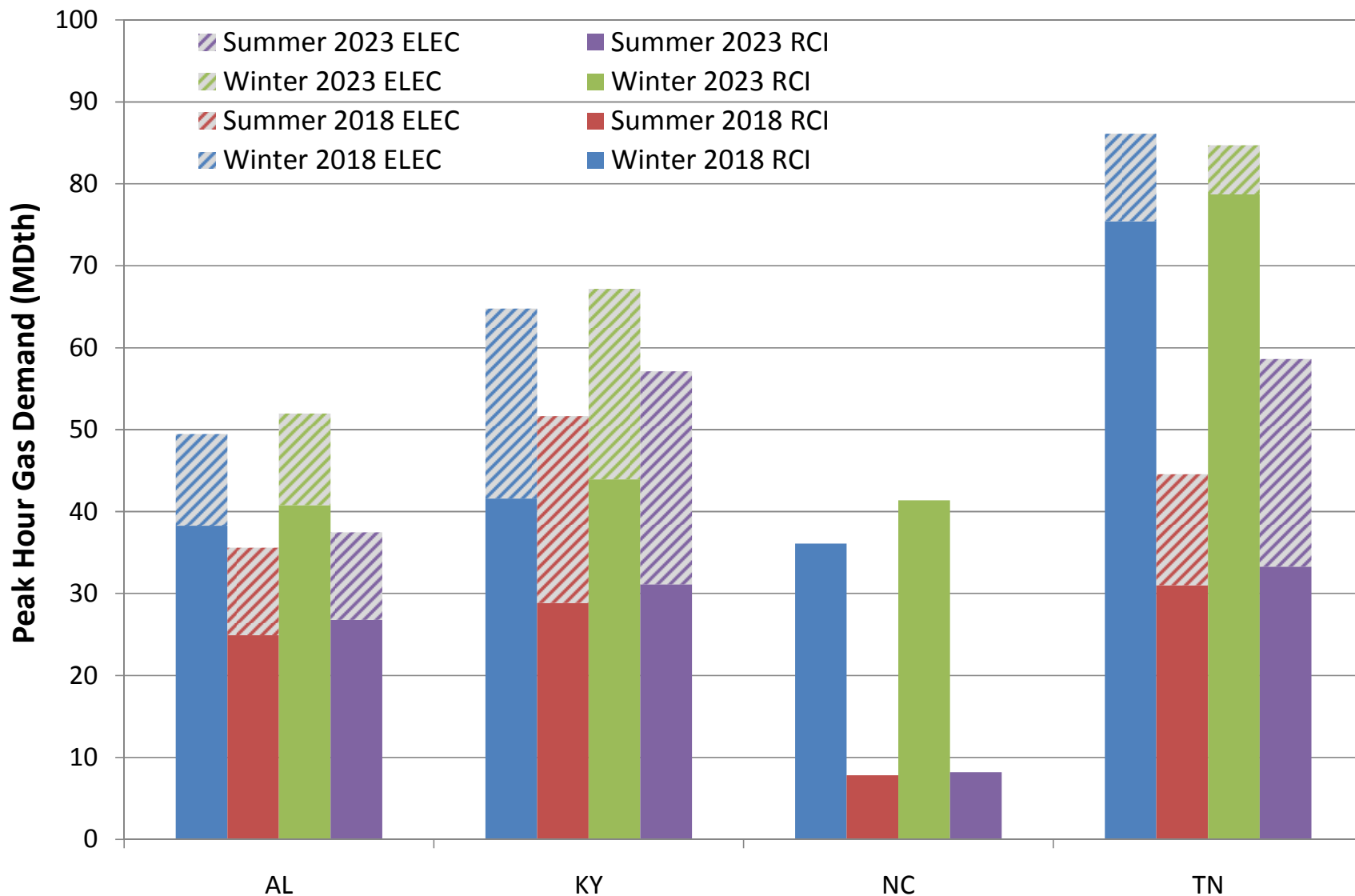


Figure E18-85. RGDS S30 Total Peak Hour Gas Demand – IESO

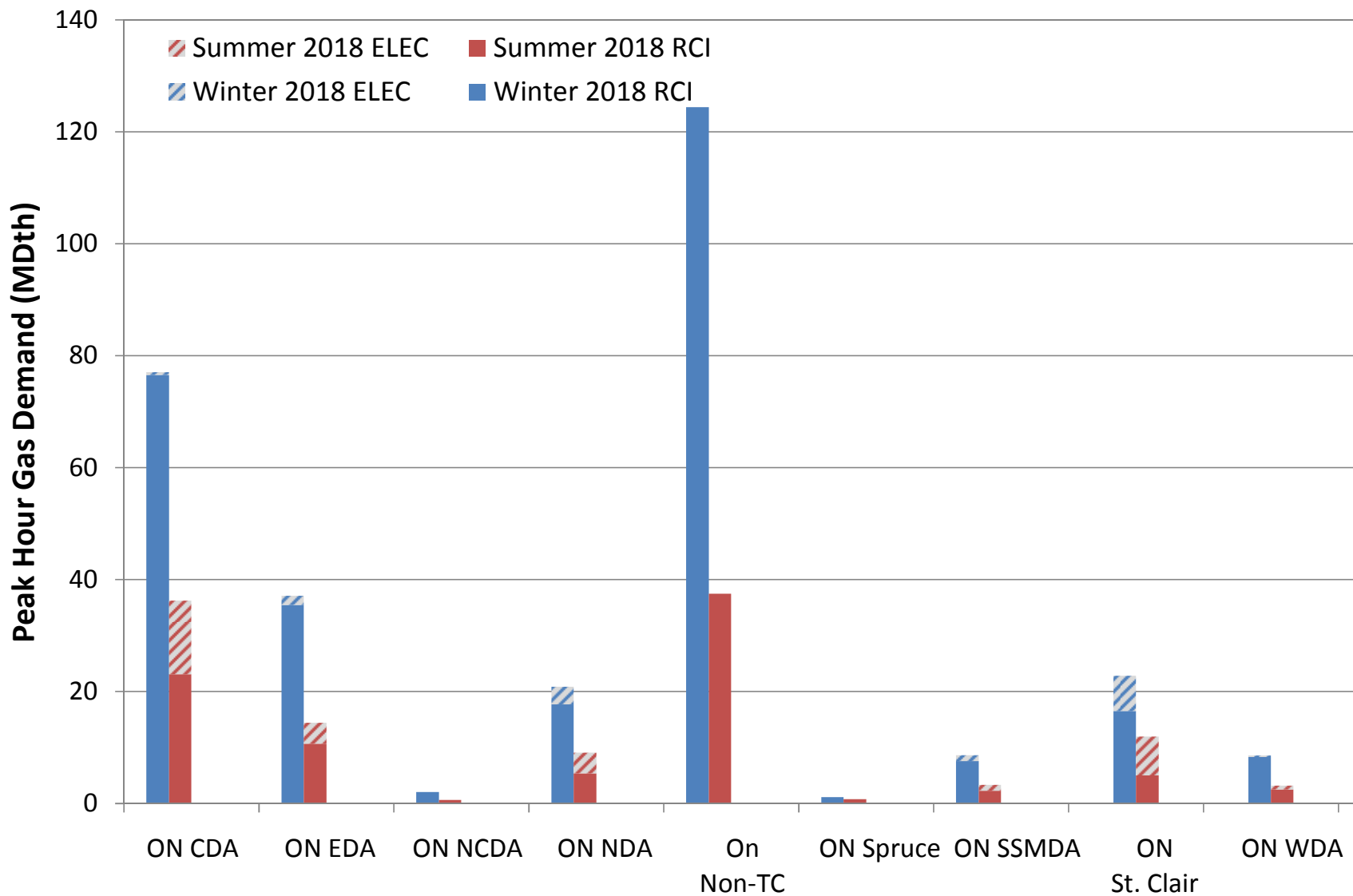


Figure E18-86. RGDS S30 Total Peak Hour Gas Demand – ISO-NE

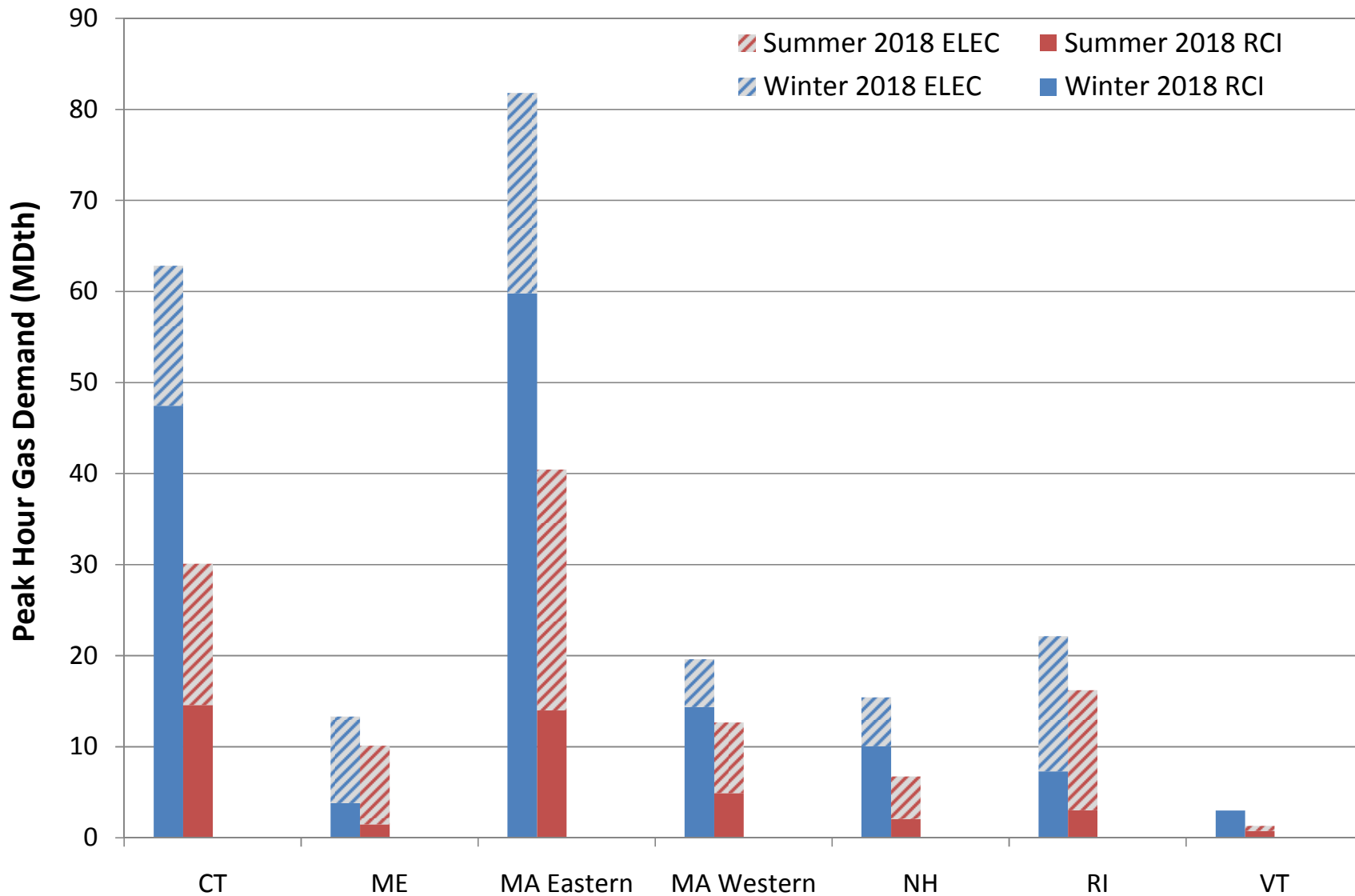


Figure E18-87. RGDS S30 Total Peak Hour Gas Demand – MISO North/Central

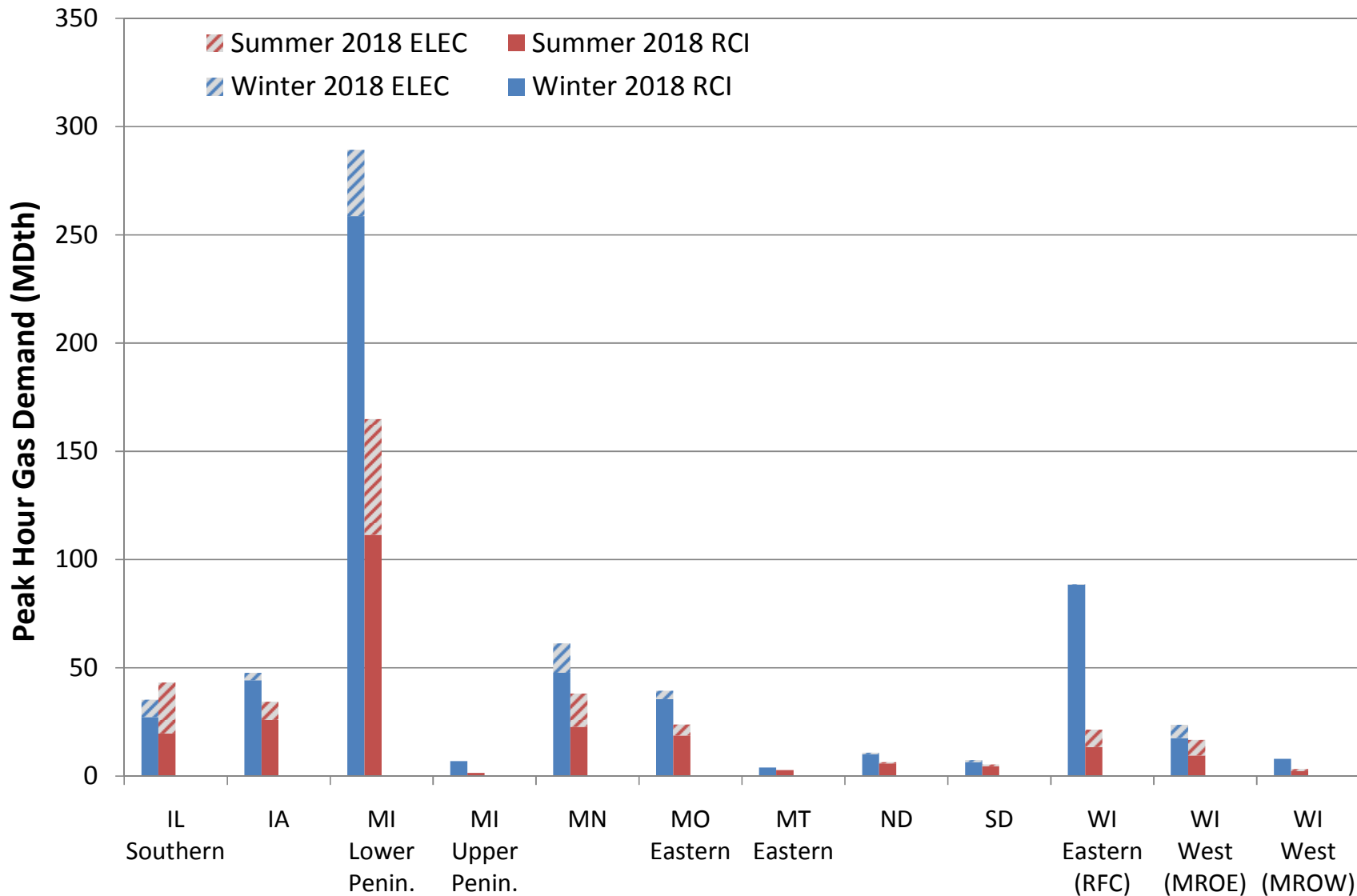




Figure E18-88. RGDS S30 Total Peak Hour Gas Demand – MISO South

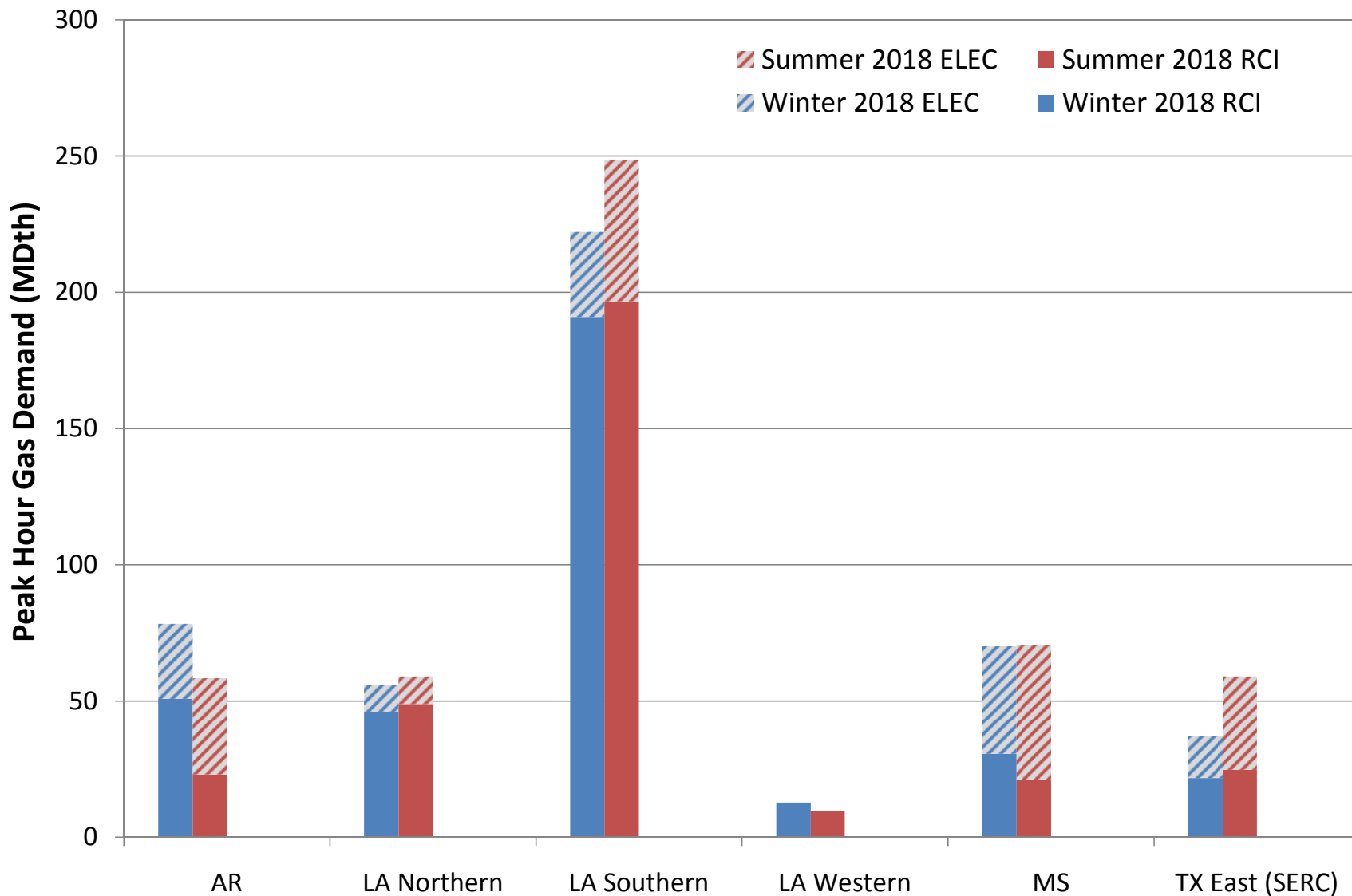


Figure E18-89. RGDS S30 Total Peak Hour Gas Demand – NYISO

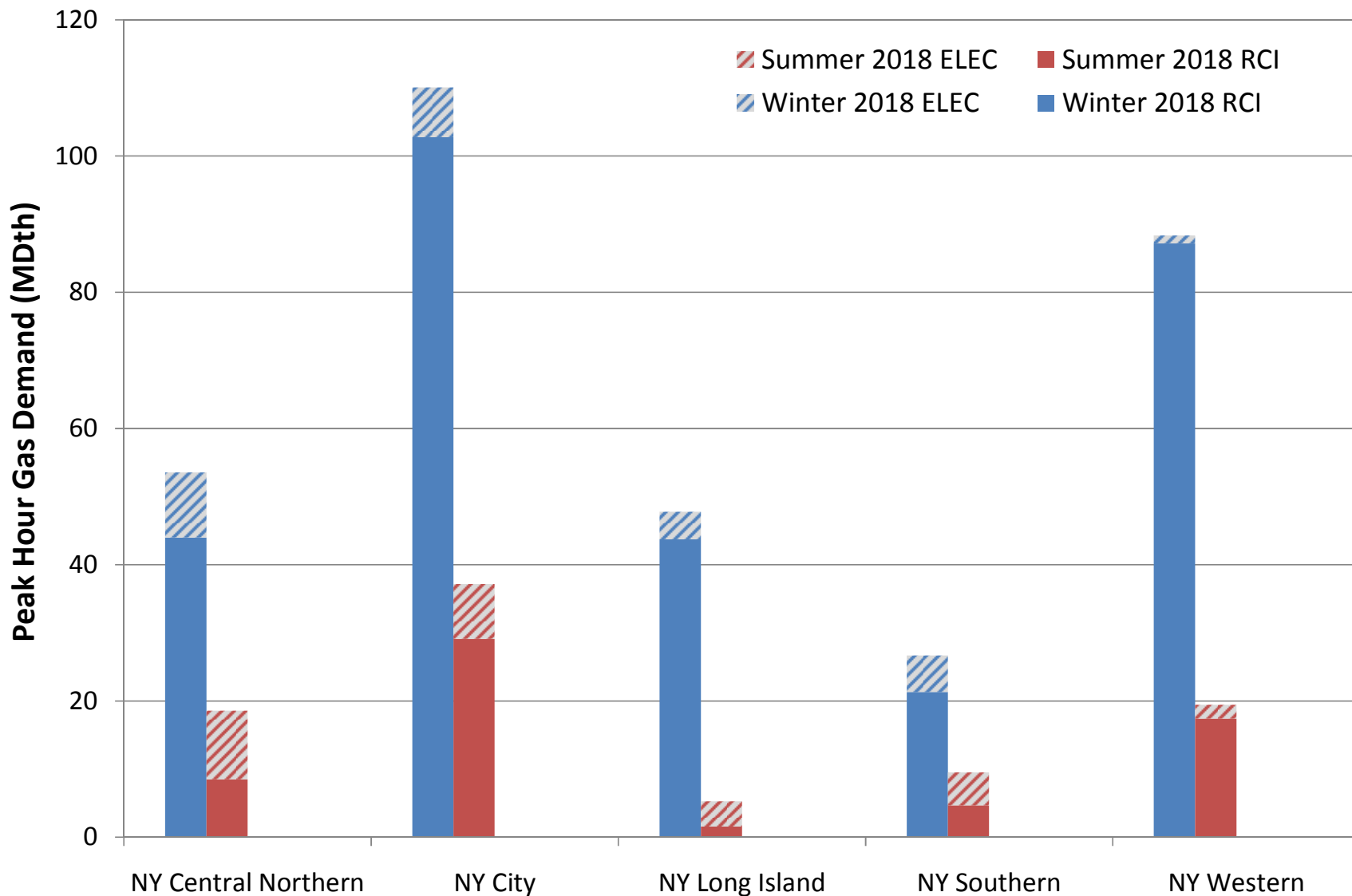


Figure E18-90. RGDS S30 Total Peak Hour Gas Demand – PJM

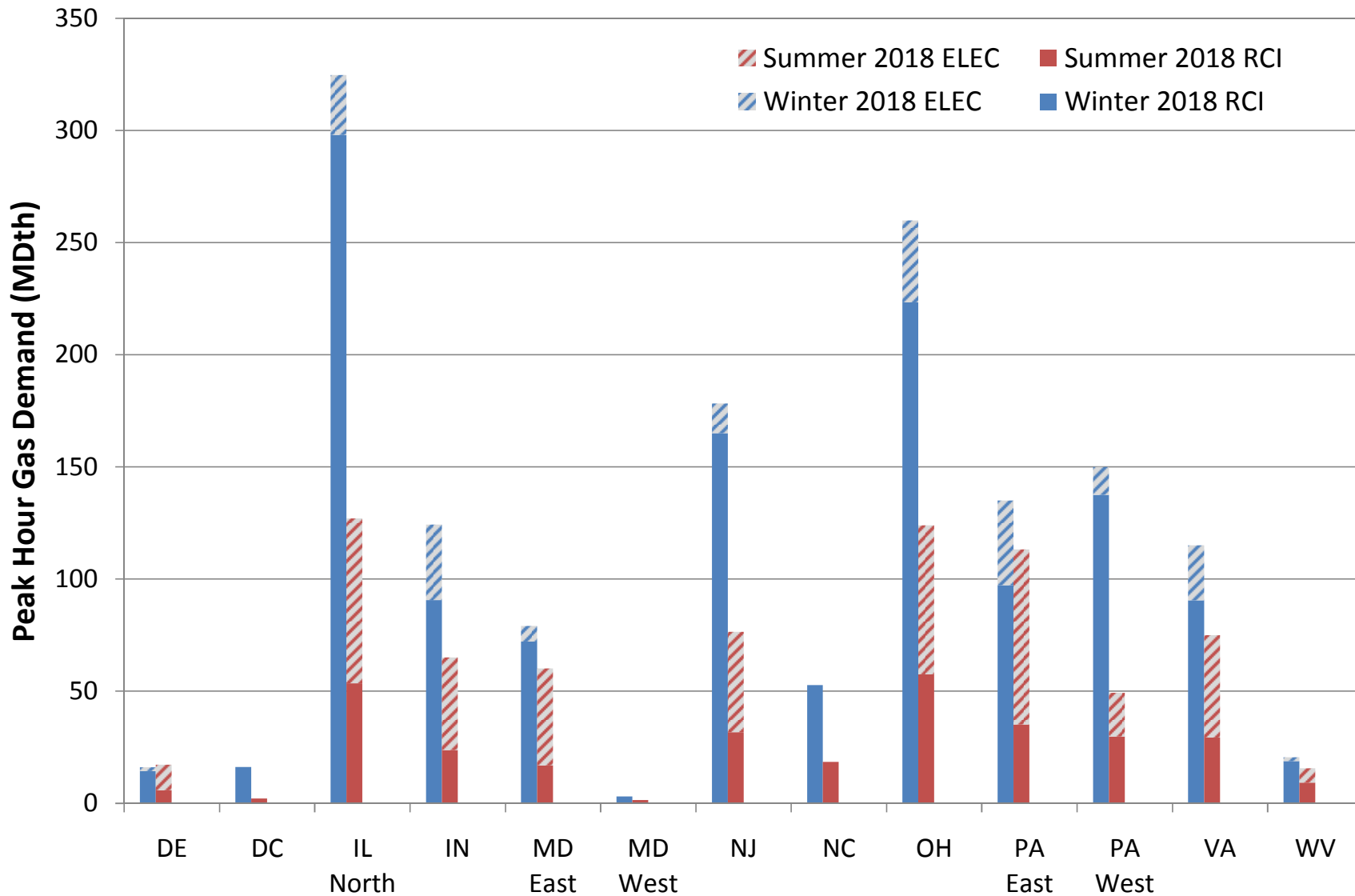


Figure E18-91. RGDS S30 Total Peak Hour Gas Demand – TVA

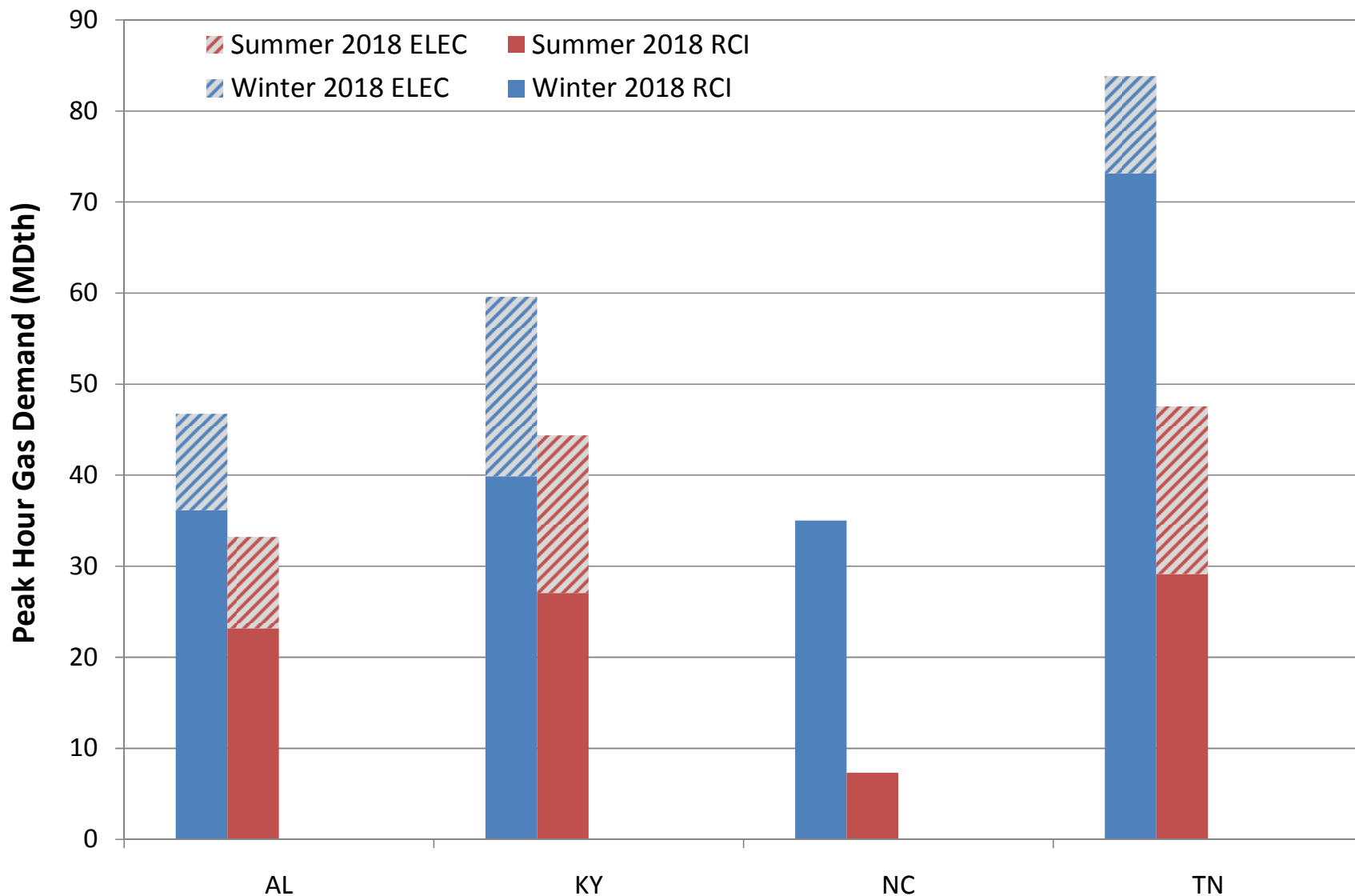


Figure E18-92. HGDS S30 Total Peak Hour Gas Demand – IESO

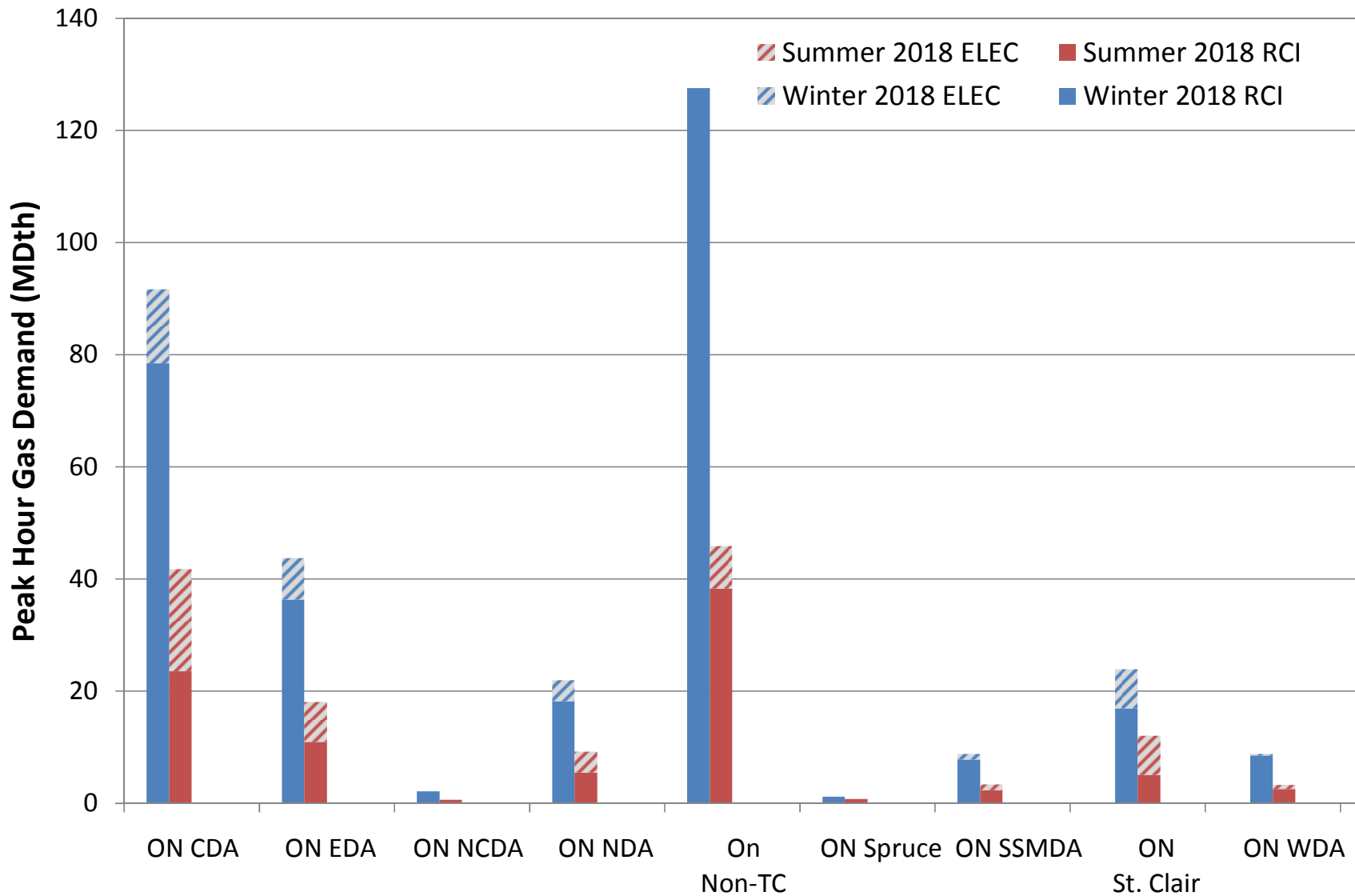


Figure E18-93. HGDS S30 Total Peak Hour Gas Demand – ISO-NE

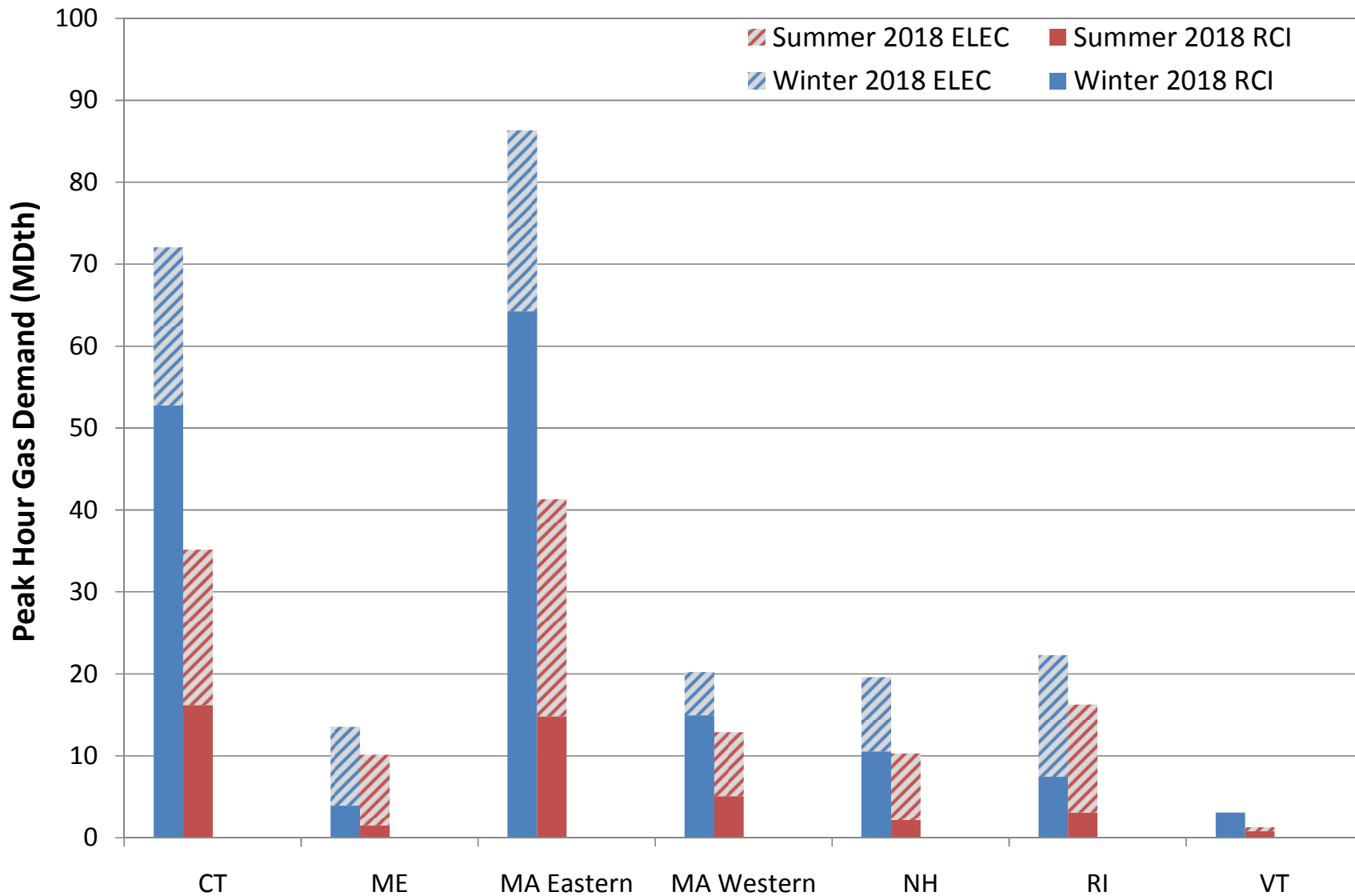


Figure E18-94. HGDS S30 Total Peak Hour Gas Demand – MISO North/Central

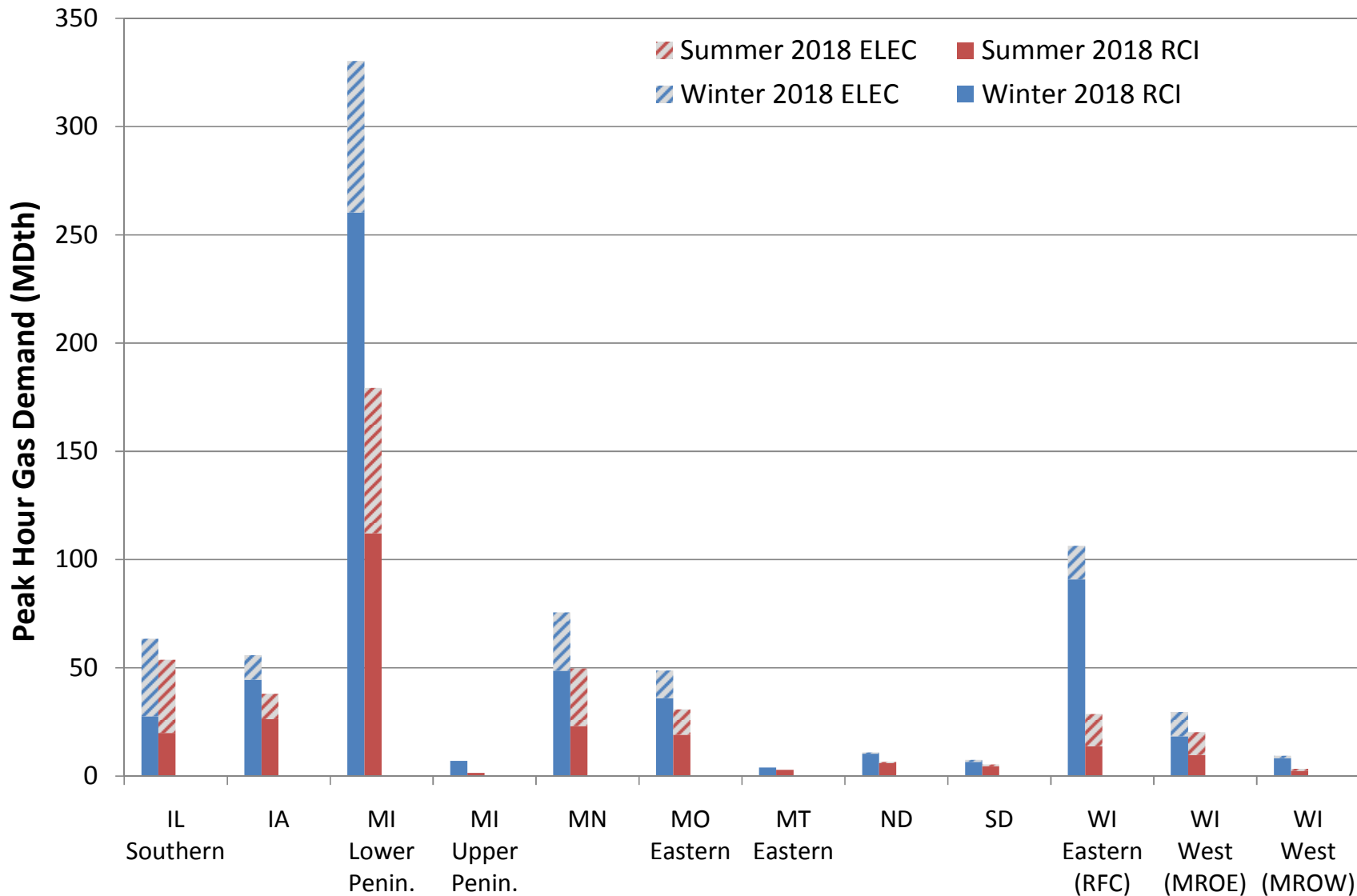


Figure E18-95. HGDS S30 Total Peak Hour Gas Demand – MISO South

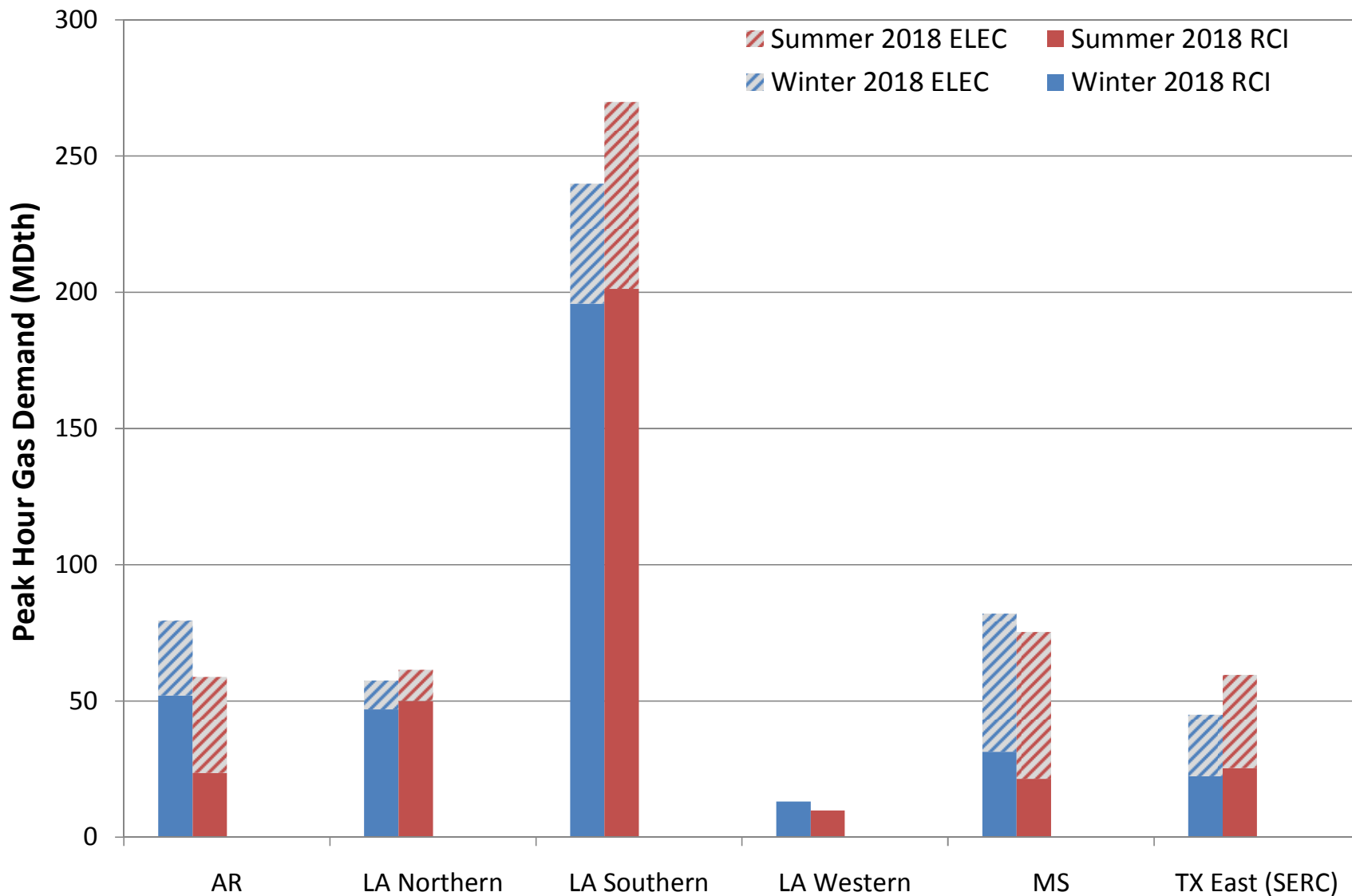




Figure E18-96. HGDS S30 Total Peak Hour Gas Demand – NYISO

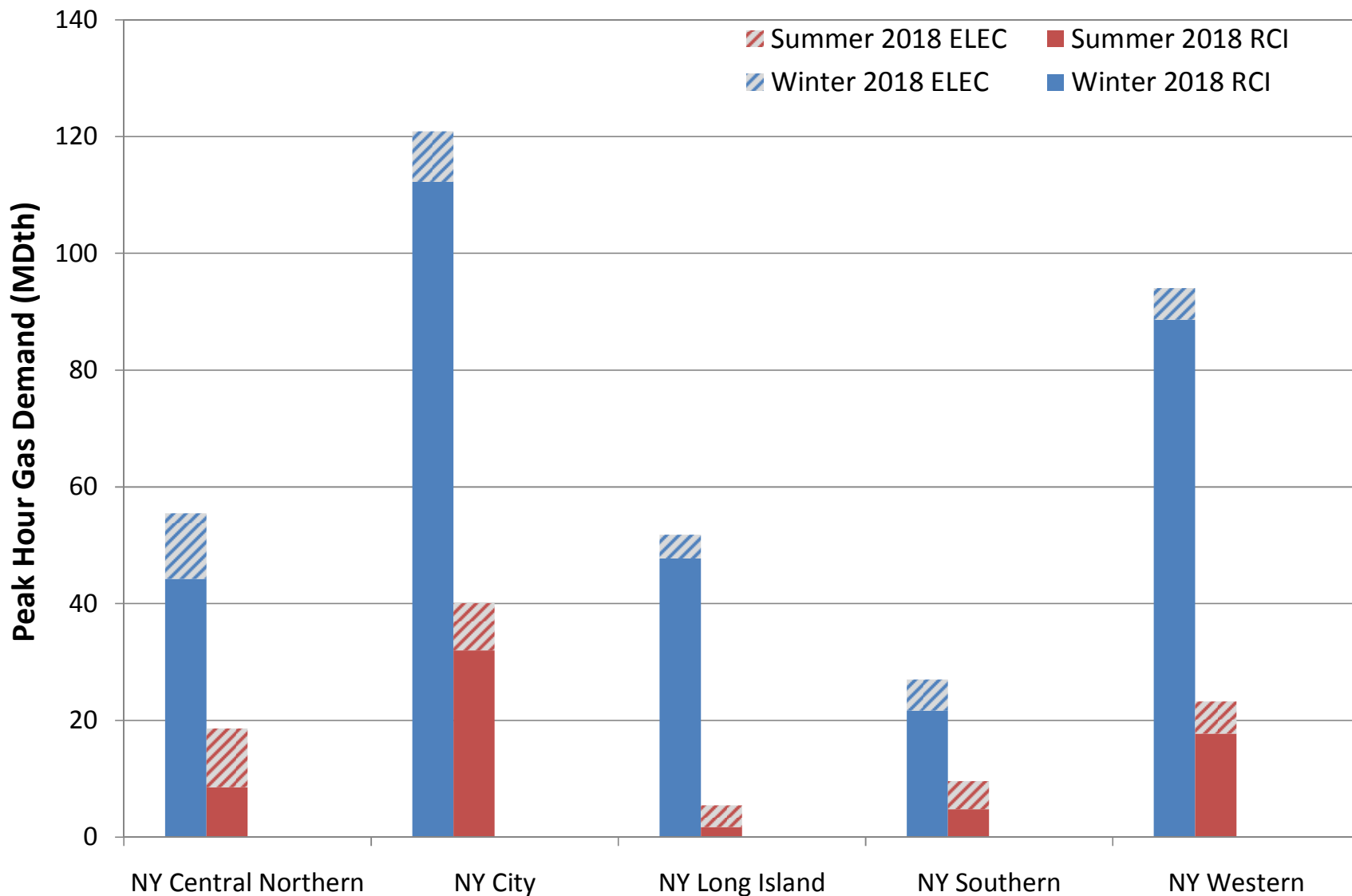


Figure E18-97. HGDS S30 Total Peak Hour Gas Demand – PJM

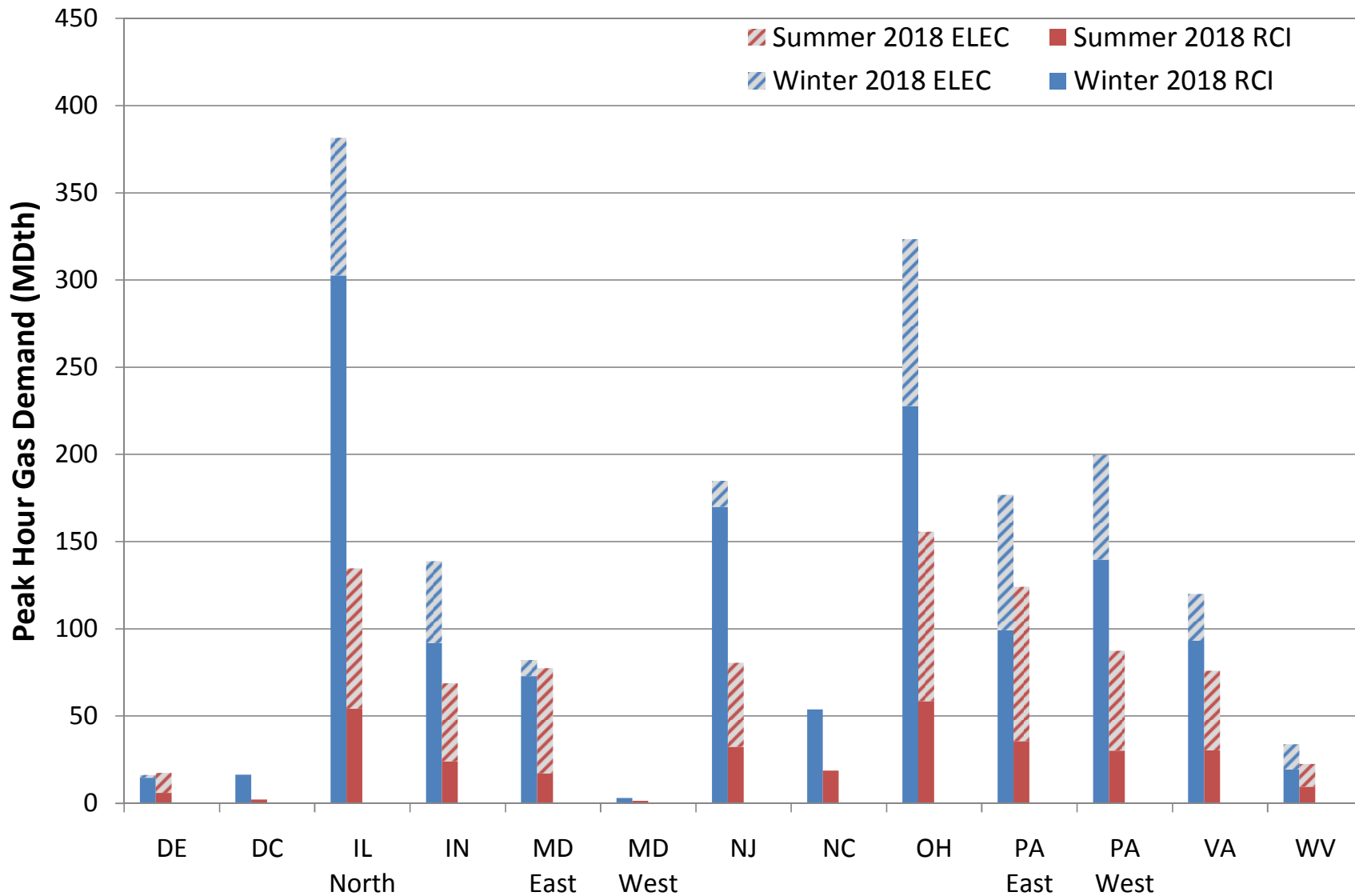


Figure E18-98. HGDS S30 Total Peak Hour Gas Demand – TVA

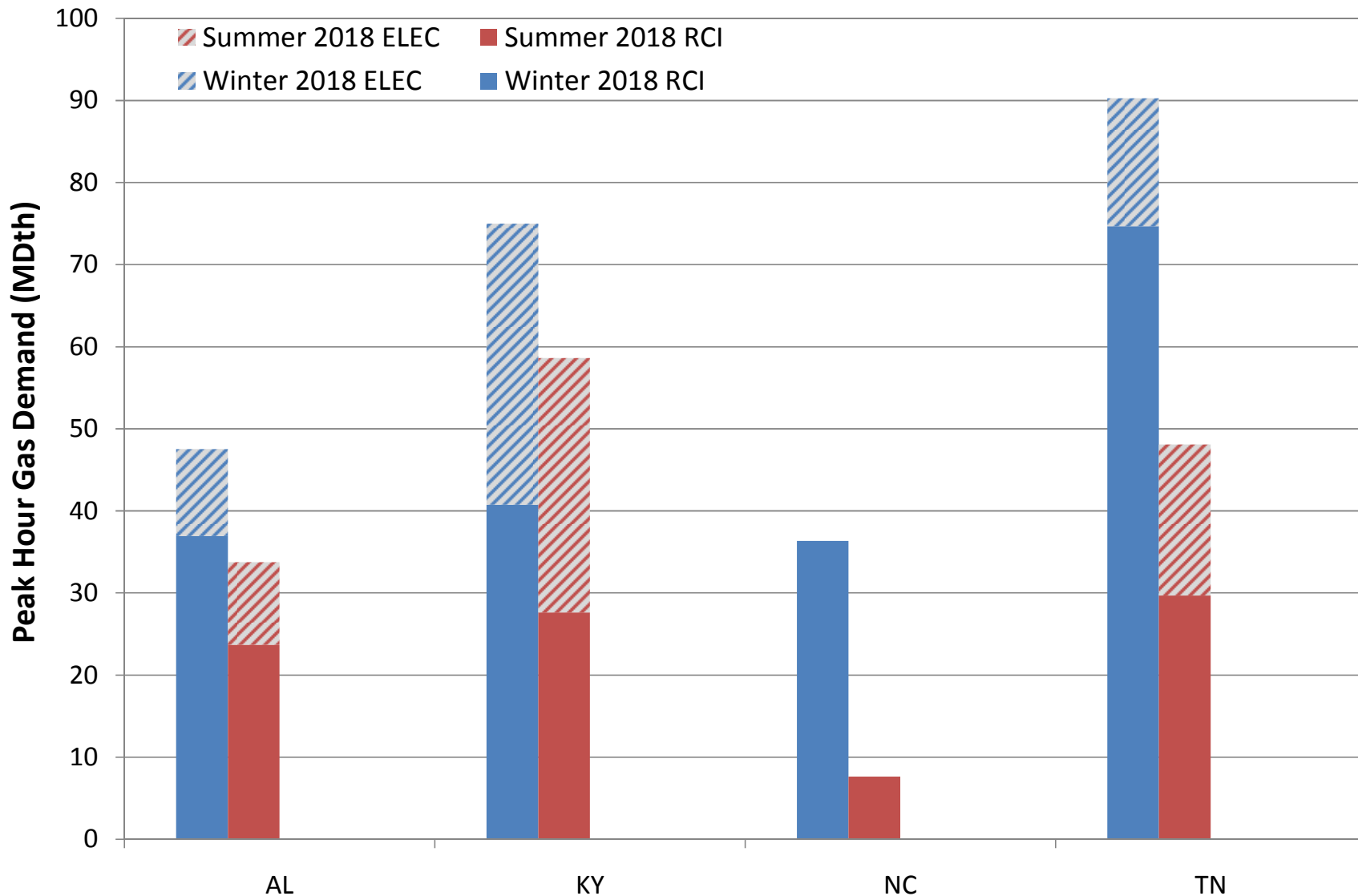


Figure E18-99. RGDS S31 Total Peak Hour Gas Demand – IESO

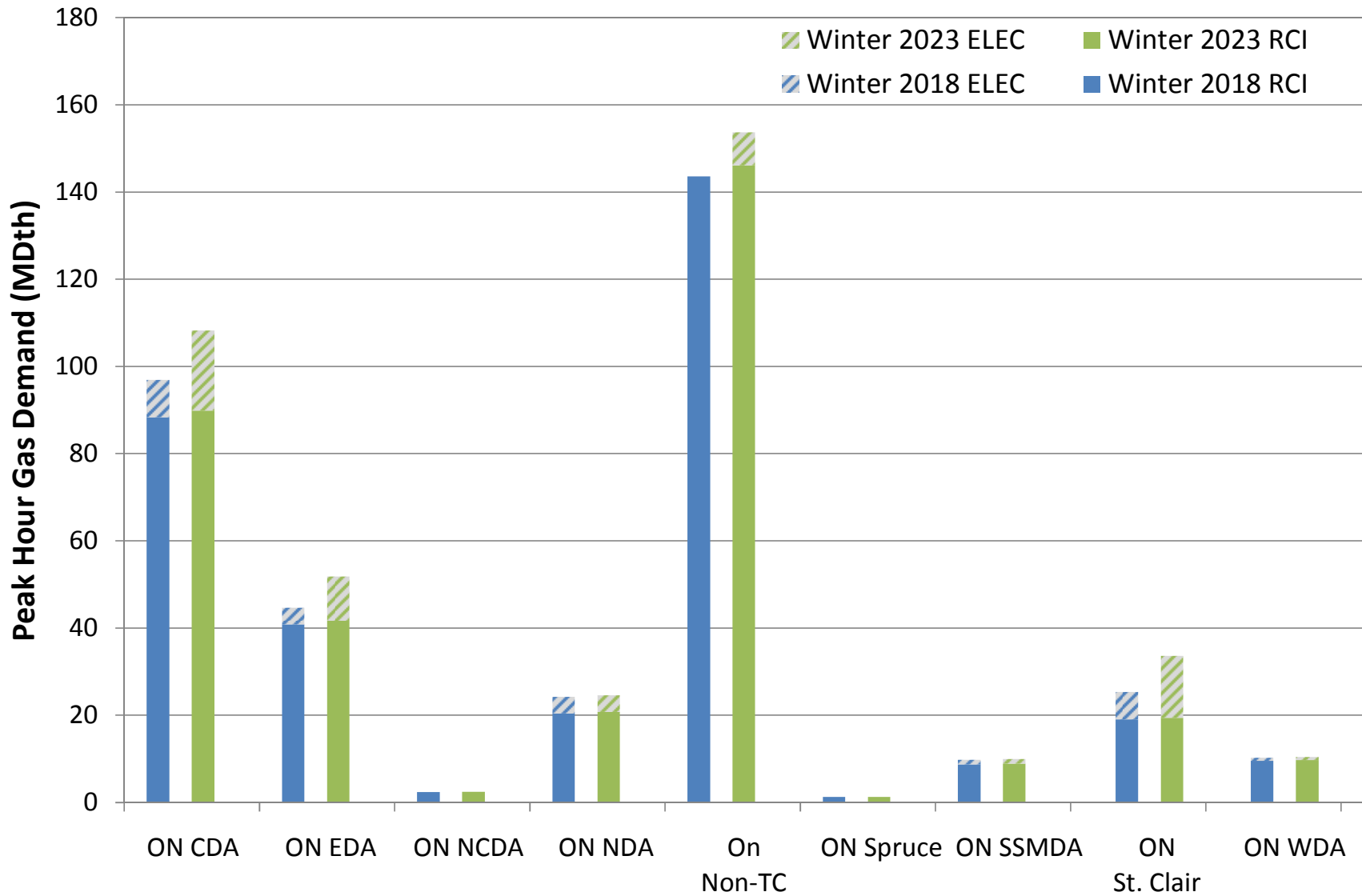


Figure E18-100. RGDS S31 Total Peak Hour Gas Demand – ISO-NE

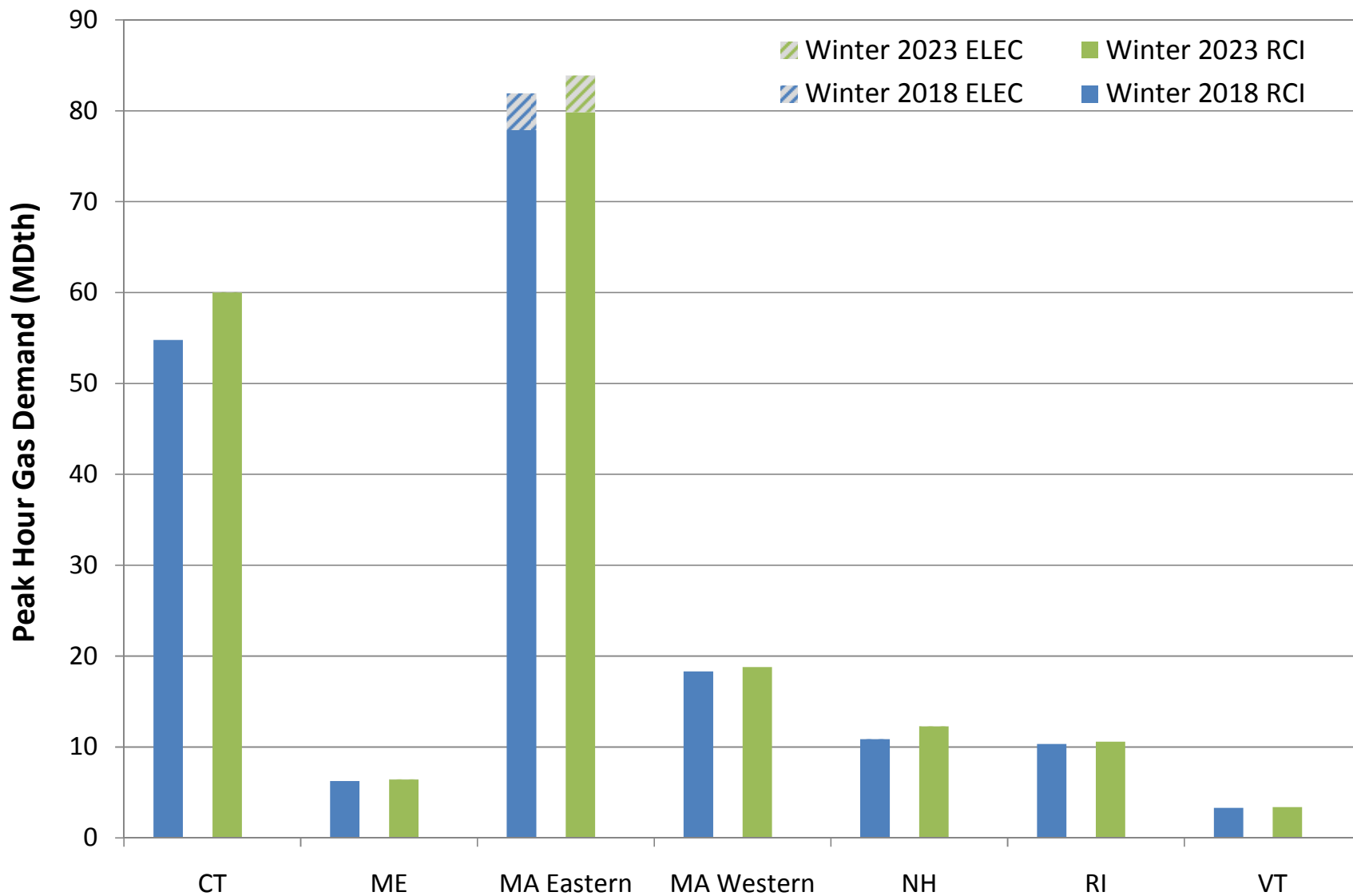


Figure E18-101. RGDS S31 Total Peak Hour Gas Demand – MISO North/Central

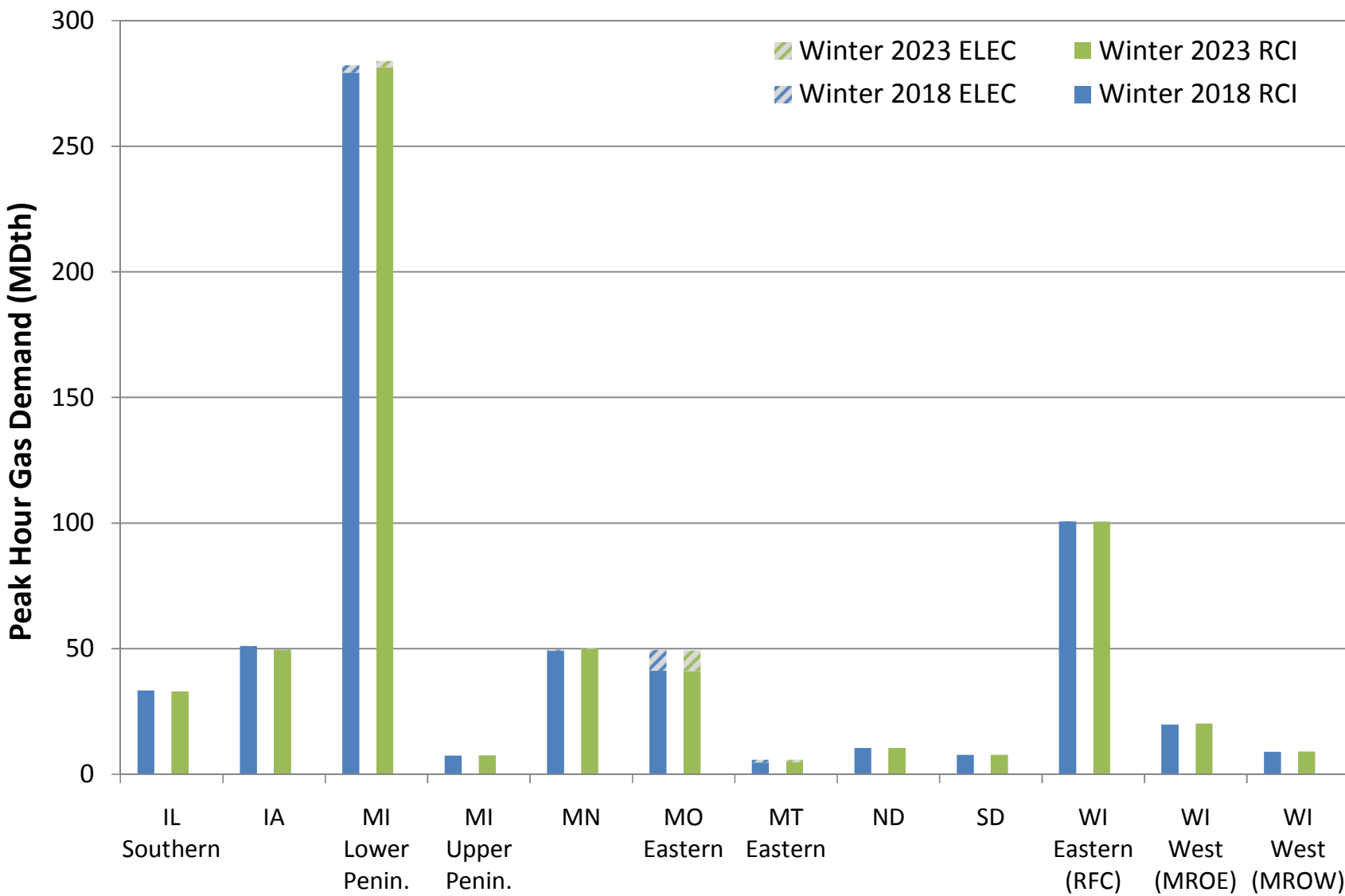


Figure E18-102. RGDS S31 Total Peak Hour Gas Demand – MISO South

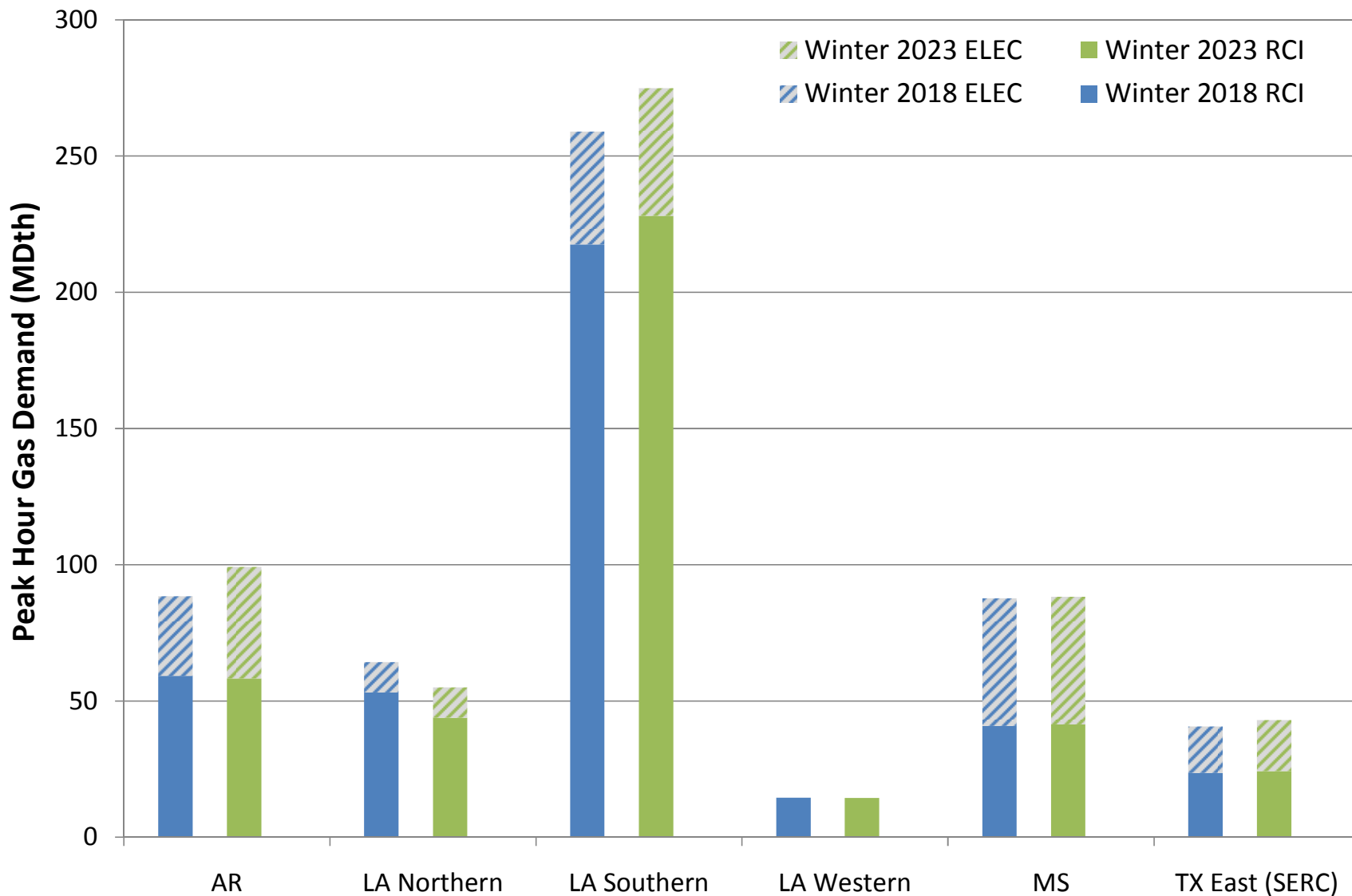


Figure E18-103. RGDS S31 Total Peak Hour Gas Demand – NYISO

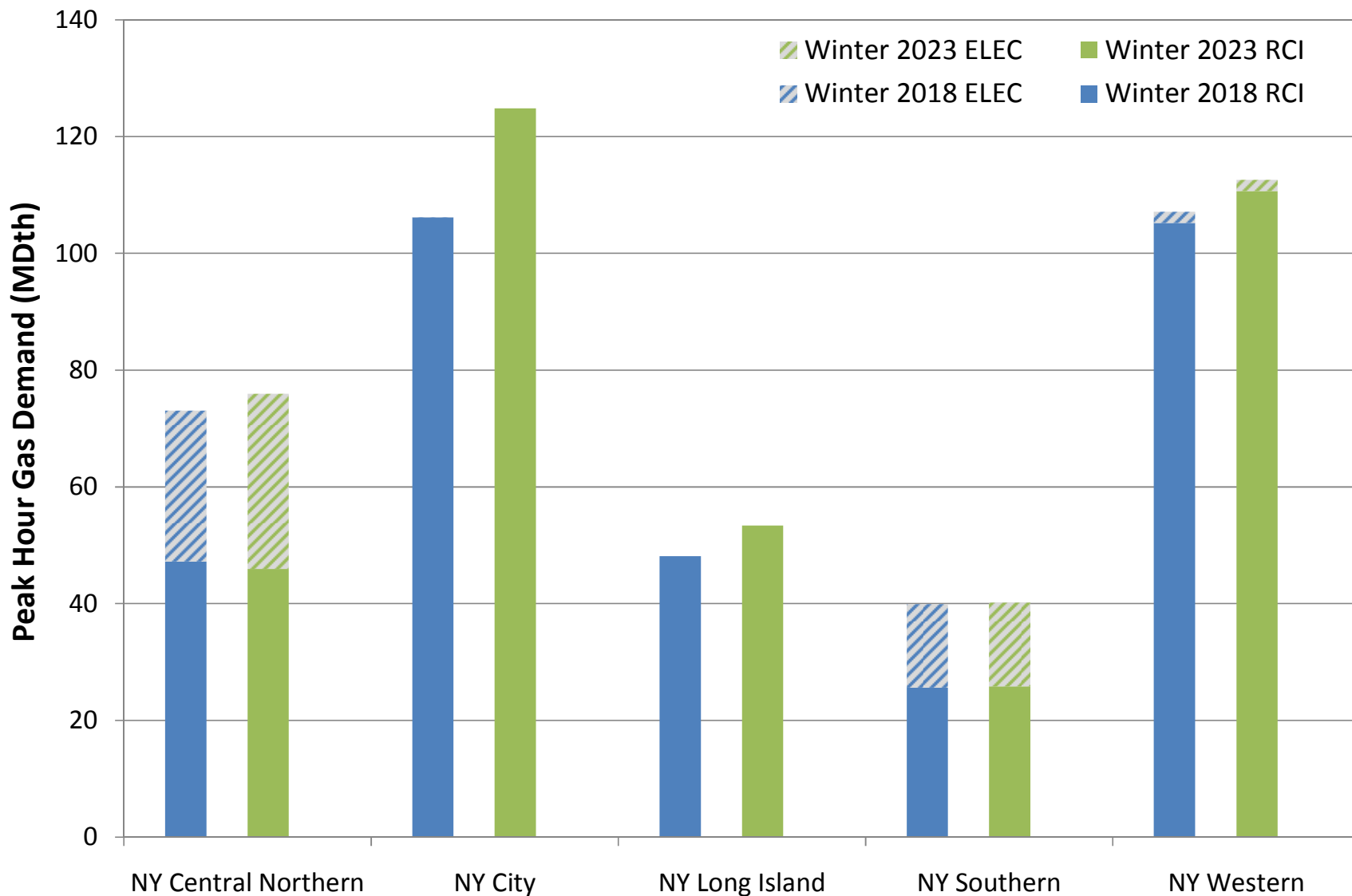




Figure E18-104. RGDS S31 Total Peak Hour Gas Demand – PJM

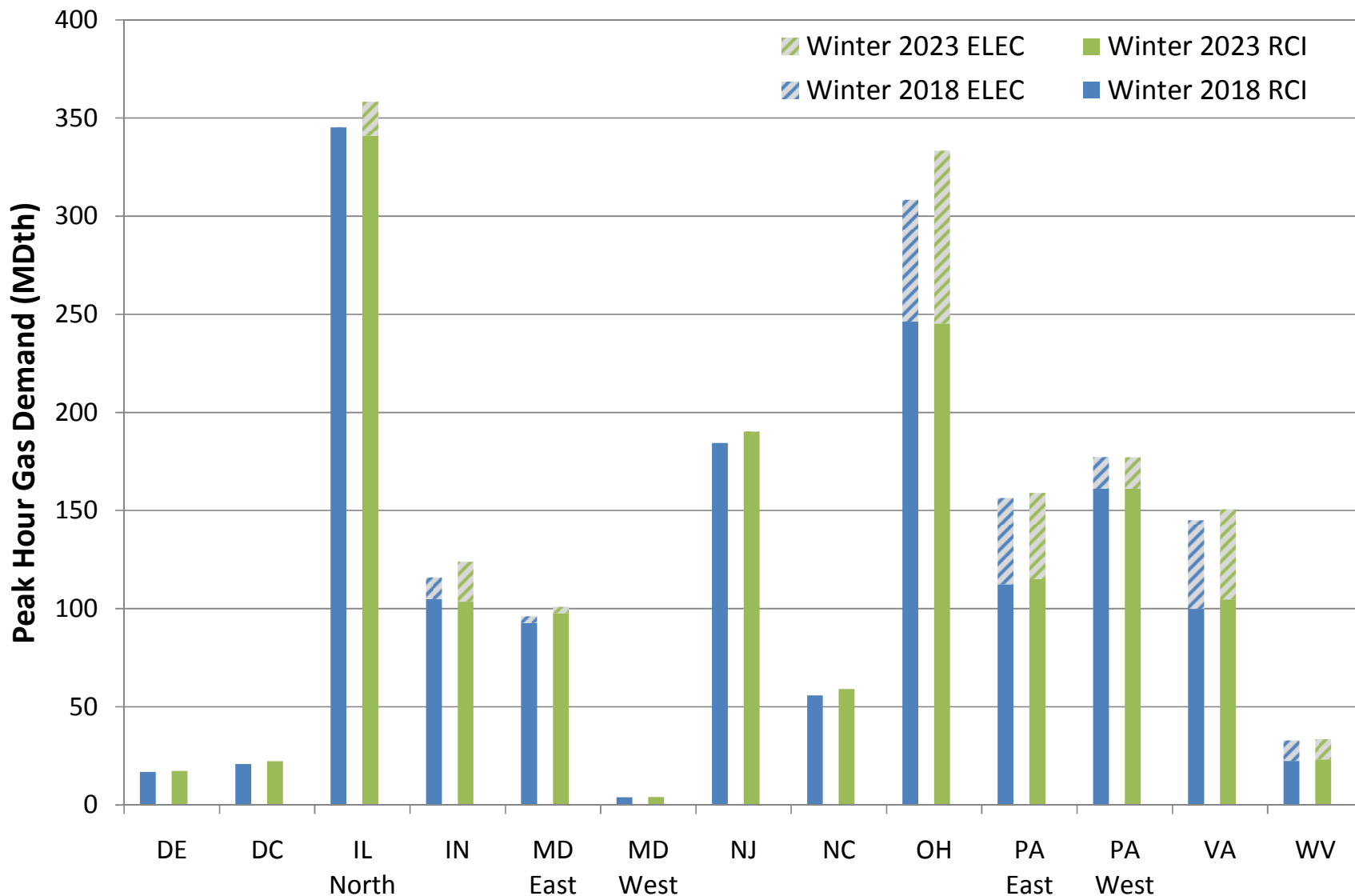


Figure E18-105. RGDS S31 Total Peak Hour Gas Demand – TVA

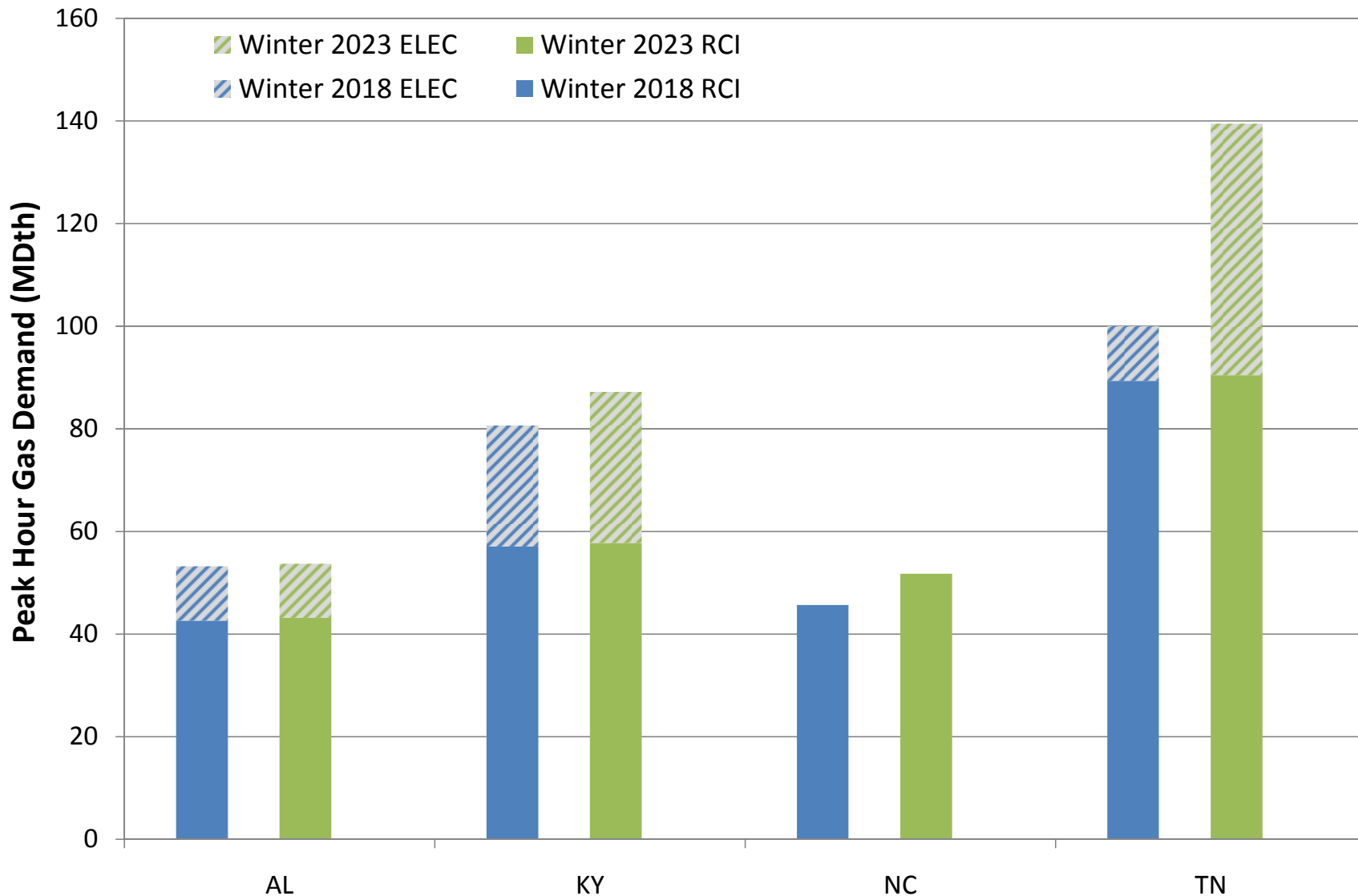


Figure E18-106. RGDS S33 Total Peak Hour Gas Demand – IESO

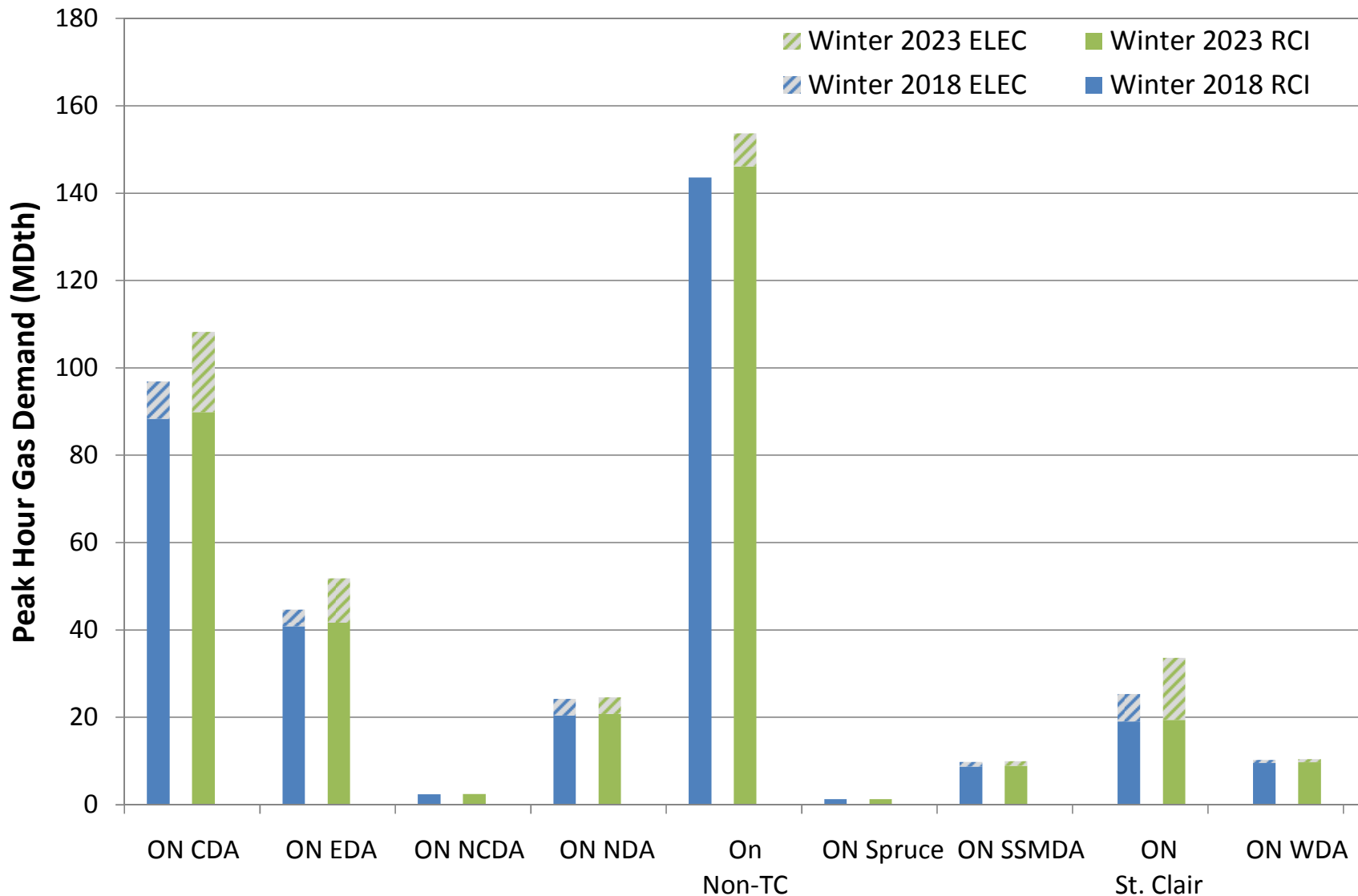


Figure E18-107. RGDS S33 Total Peak Hour Gas Demand – ISO-NE

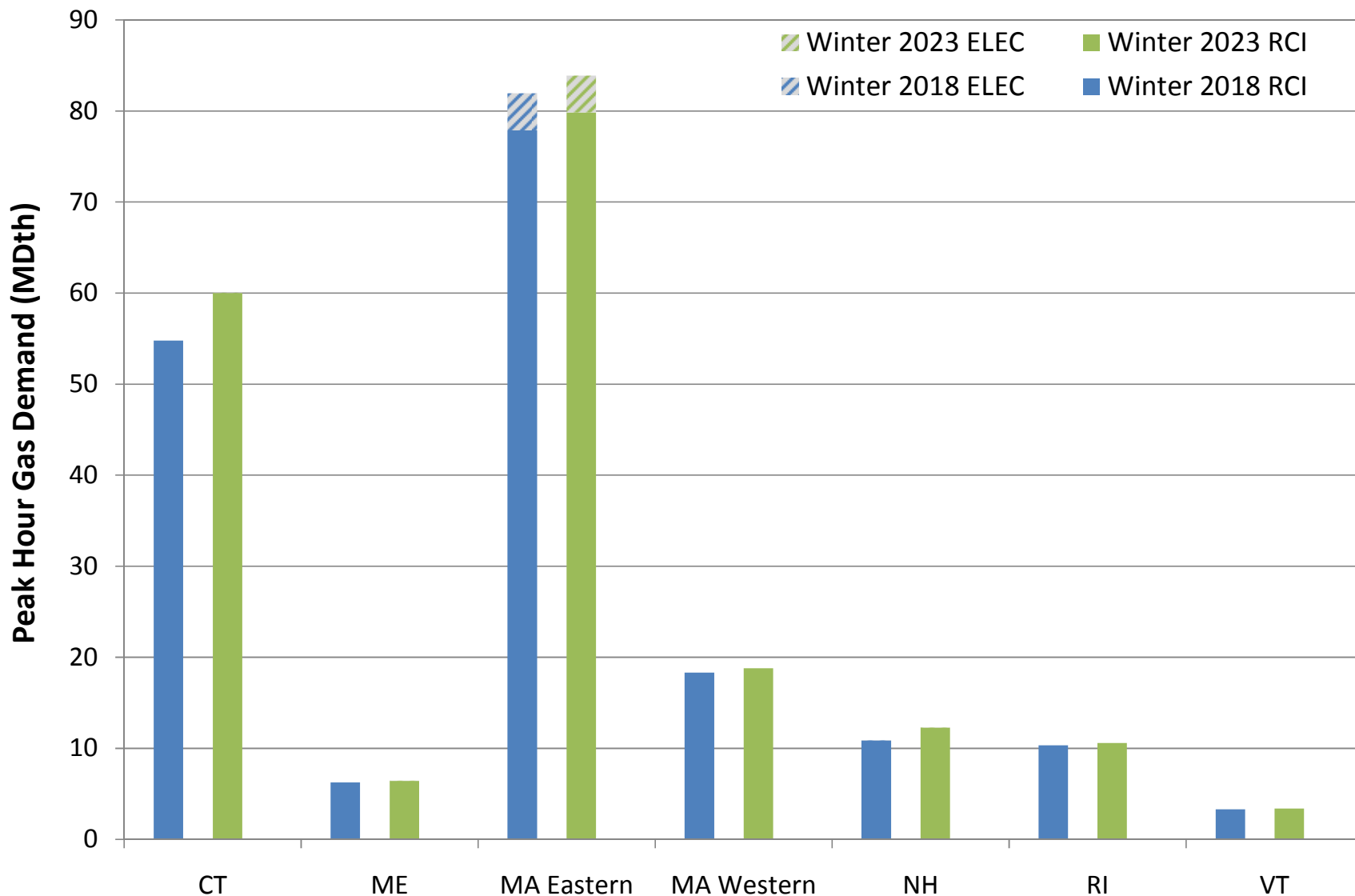


Figure E18-108. RGDS S33 Total Peak Hour Gas Demand – MISO North/Central

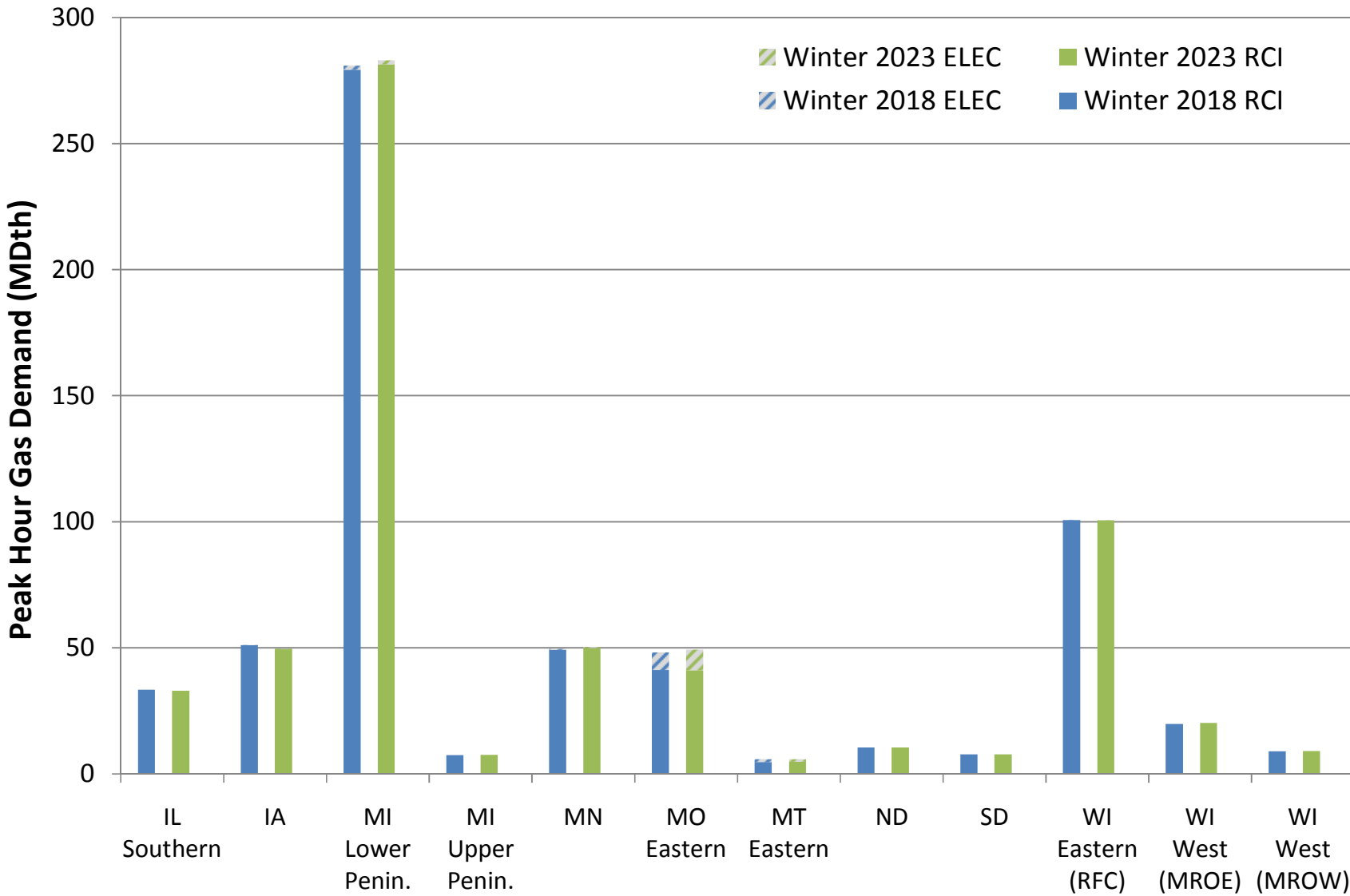


Figure E18-109. RGDS S33 Total Peak Hour Gas Demand – MISO South

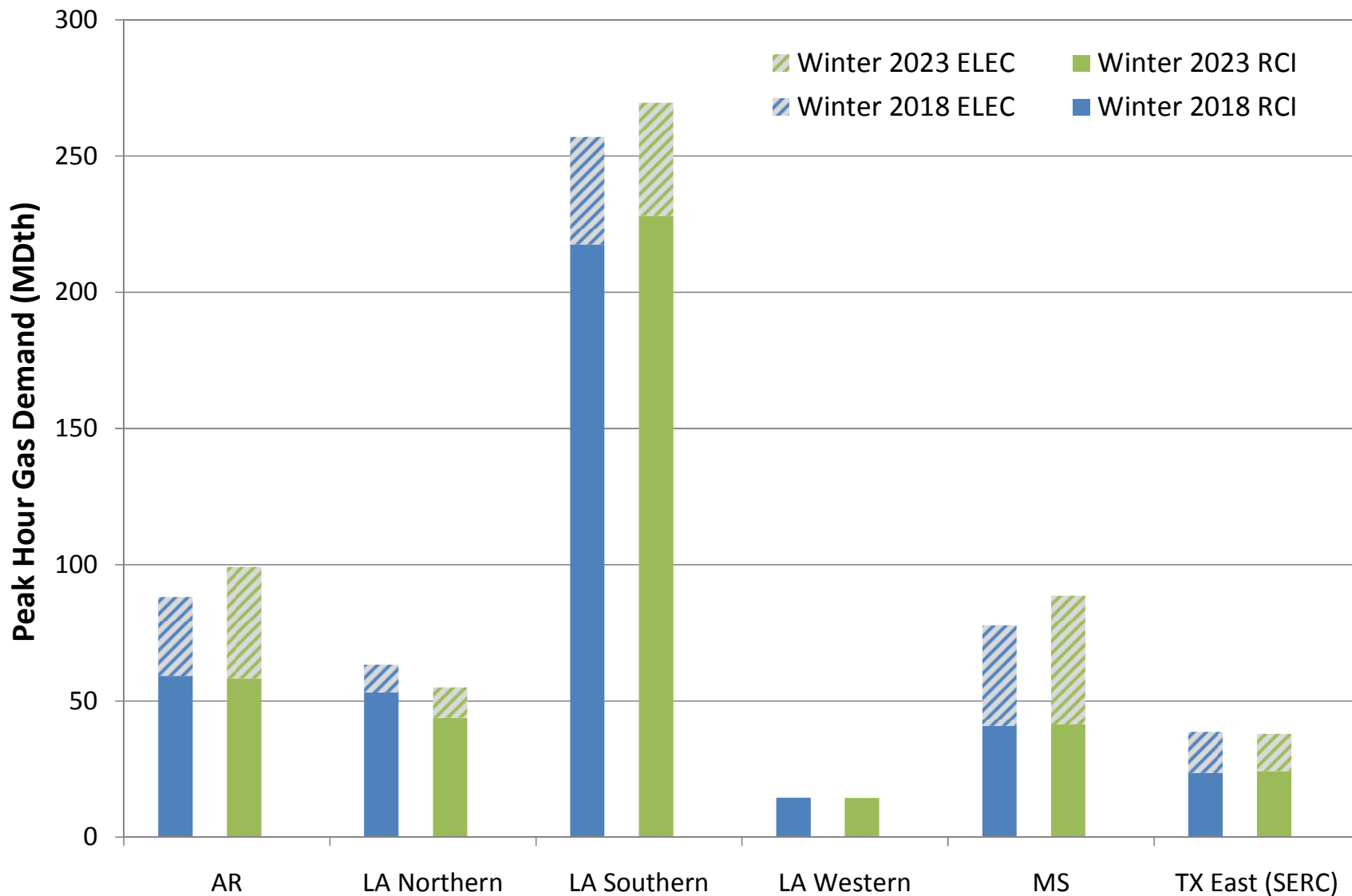


Figure E18-110. RGDS S33 Total Peak Hour Gas Demand – NYISO

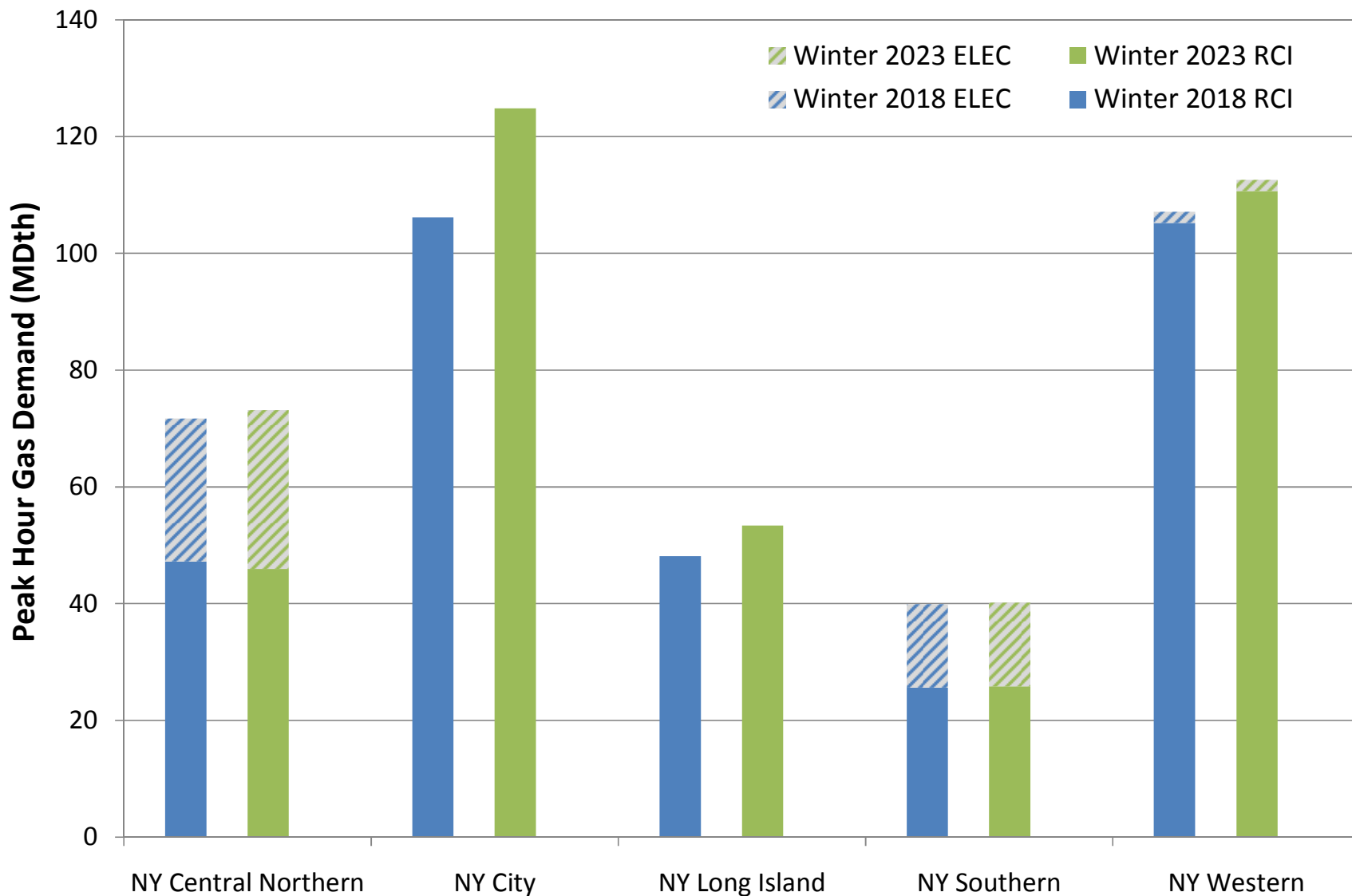


Figure E18-111. RGDS S33 Total Peak Hour Gas Demand – PJM

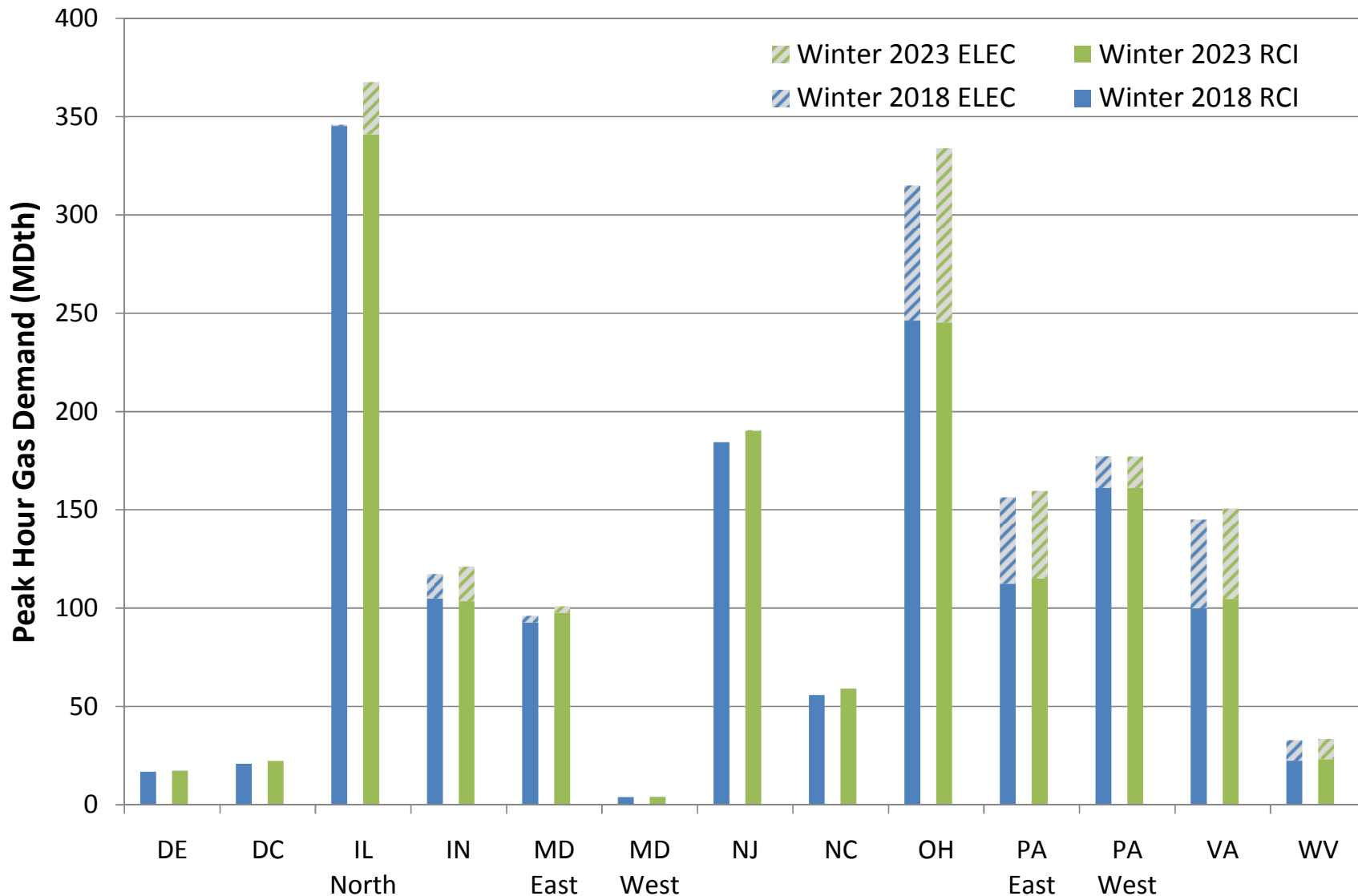




Figure E18-112. RGDS S33 Total Peak Hour Gas Demand – TVA

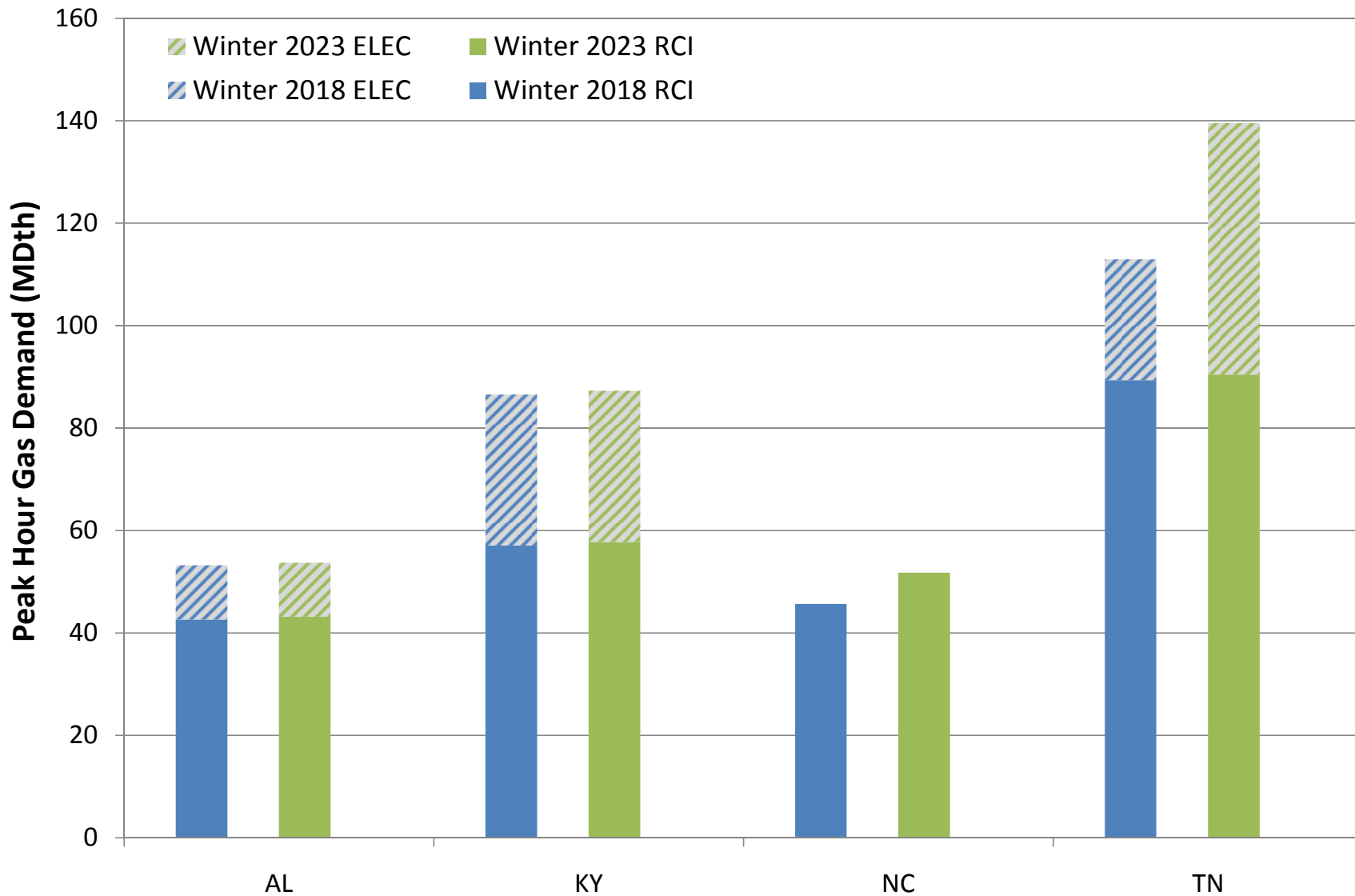


Figure E18-113. RGDS S34 Total Peak Hour Gas Demand – IESO

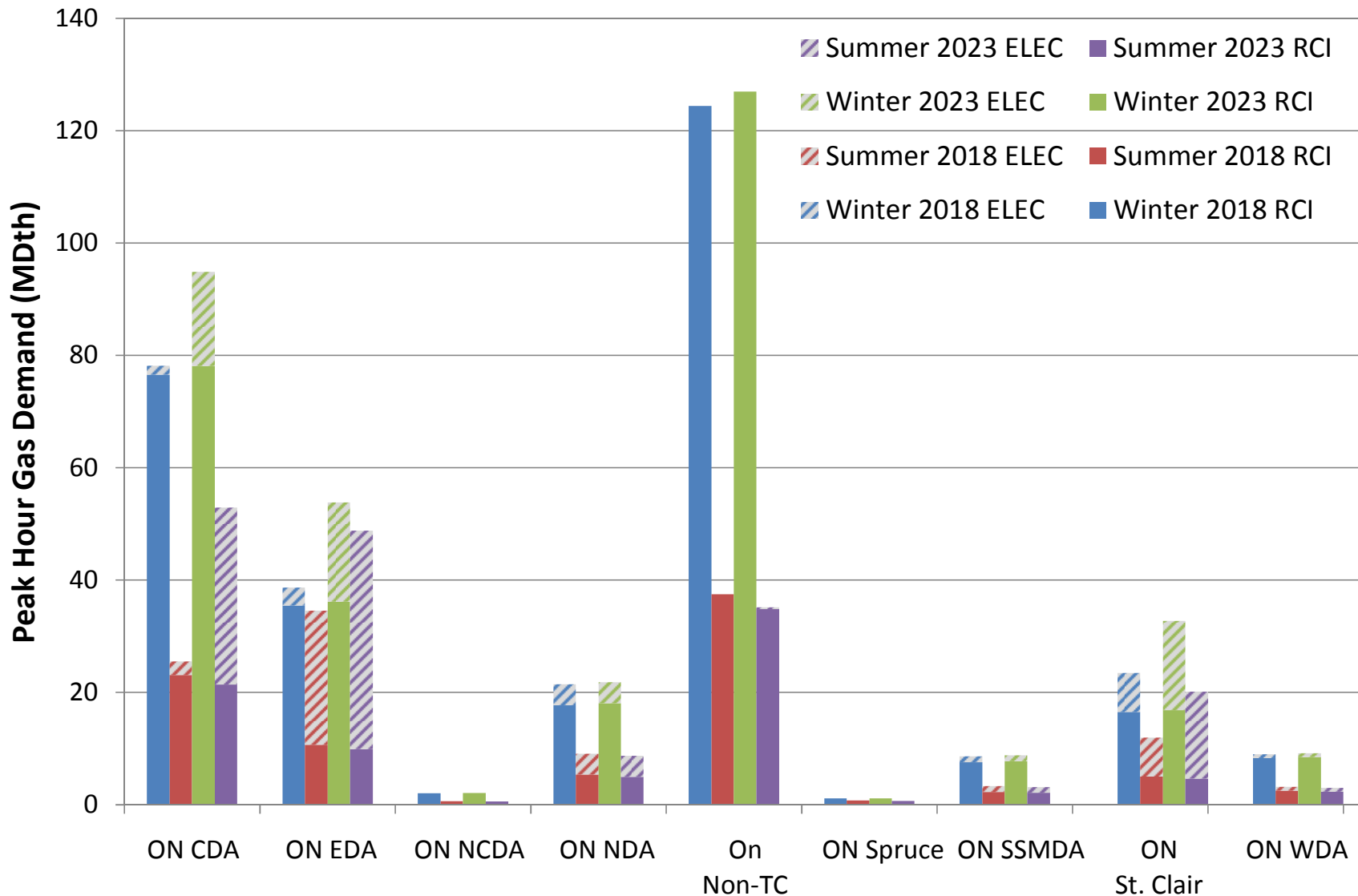


Figure E18-114. RGDS S34 Total Peak Hour Gas Demand – ISO-NE

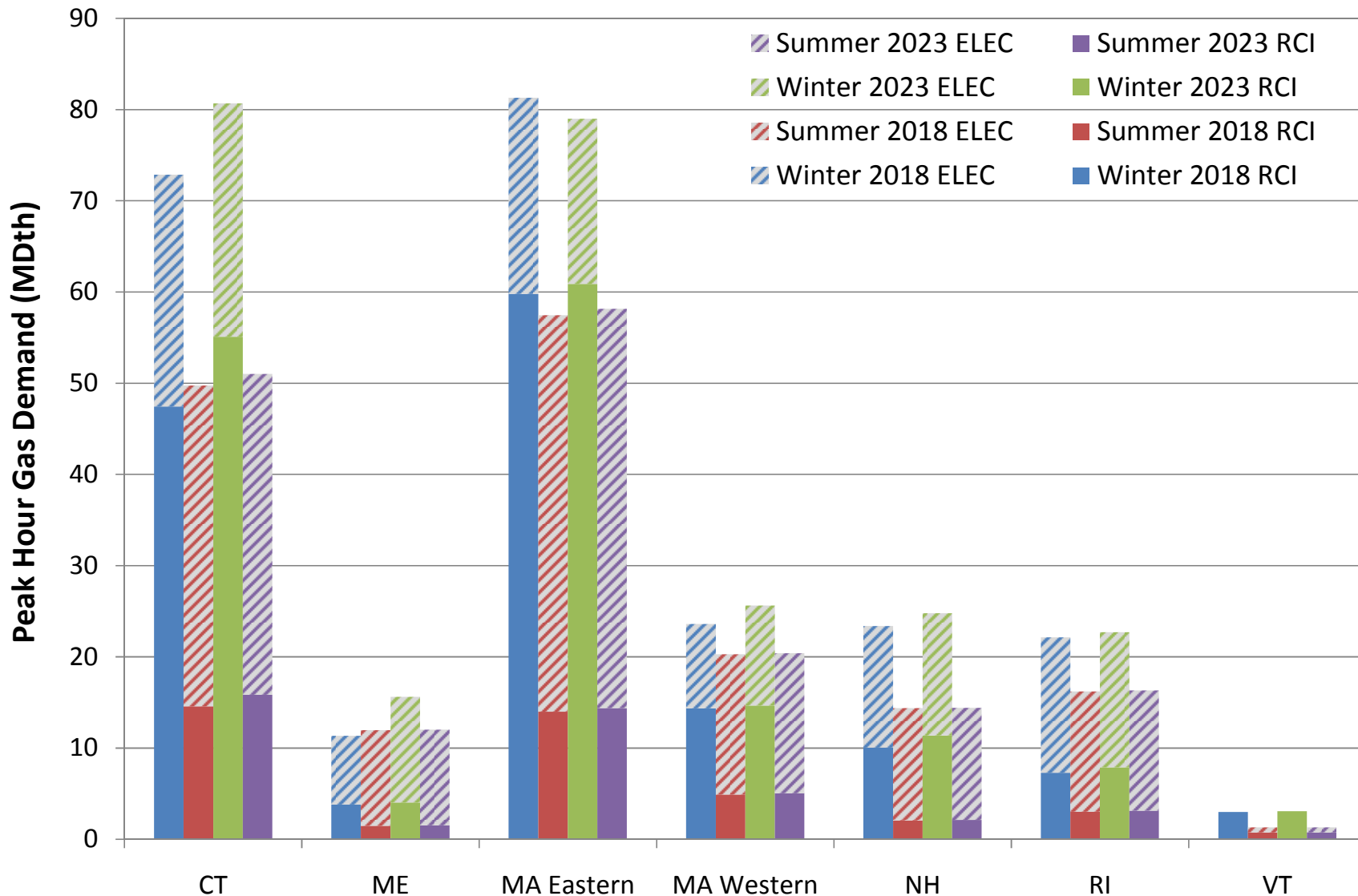


Figure E18-115. RGDS S34 Total Peak Hour Gas Demand – MISO North/Central

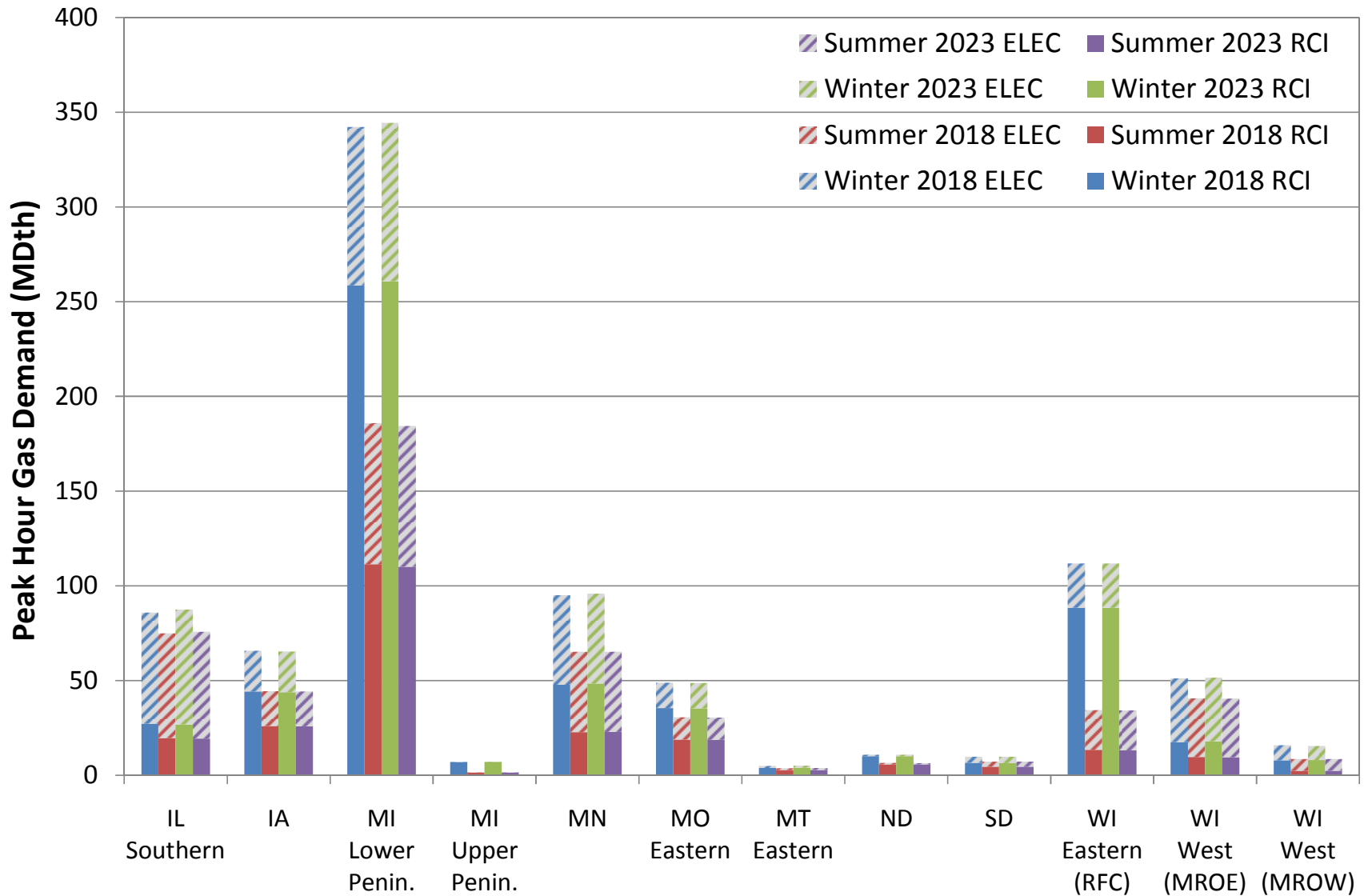


Figure E18-116. RGDS S34 Total Peak Hour Gas Demand – MISO South

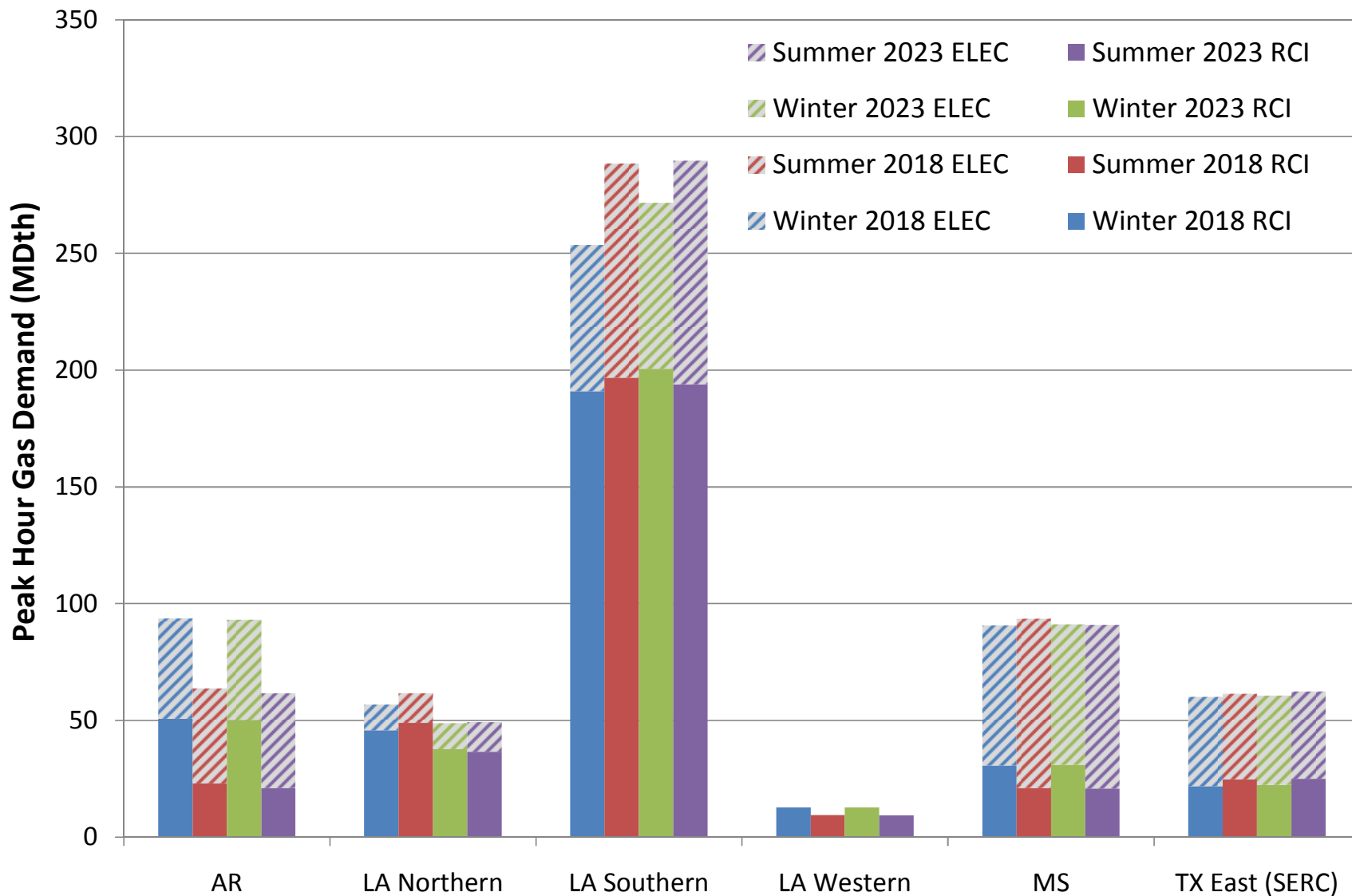


Figure E18-117. RGDS S34 Total Peak Hour Gas Demand – NYISO

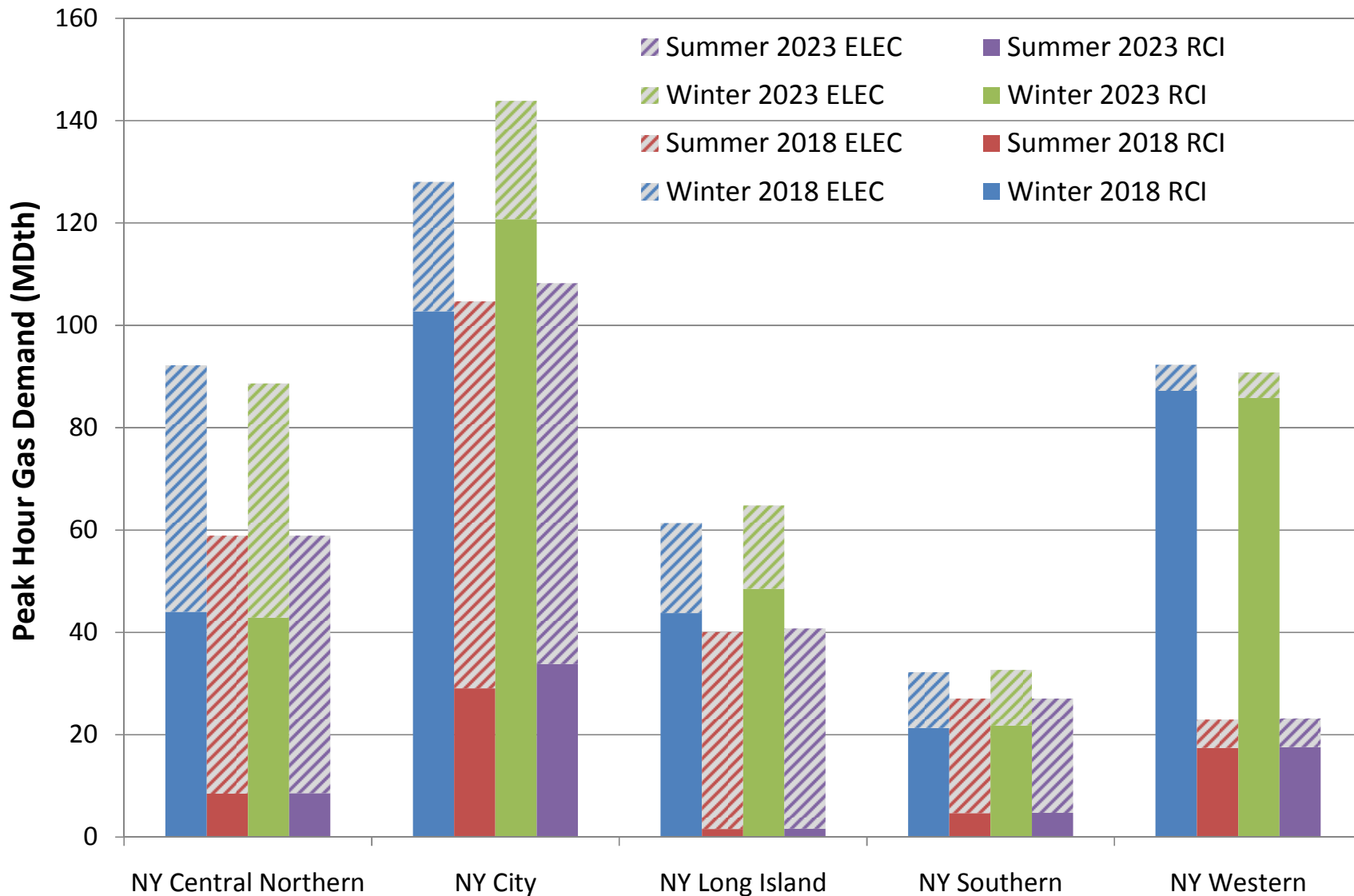


Figure E18-118. RGDS S34 Total Peak Hour Gas Demand – PJM

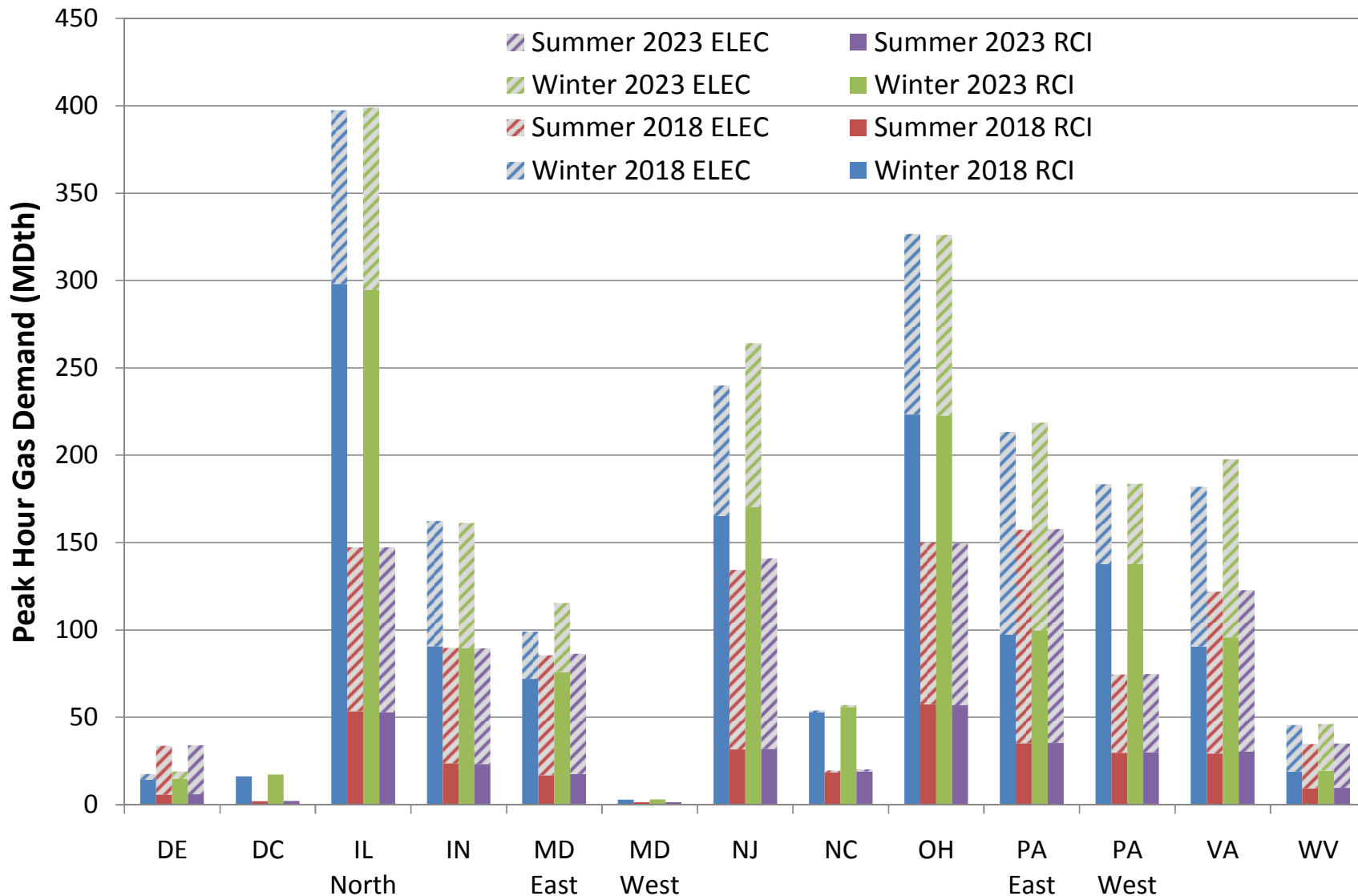


Figure E18-119. RGDS S34 Total Peak Hour Gas Demand – TVA

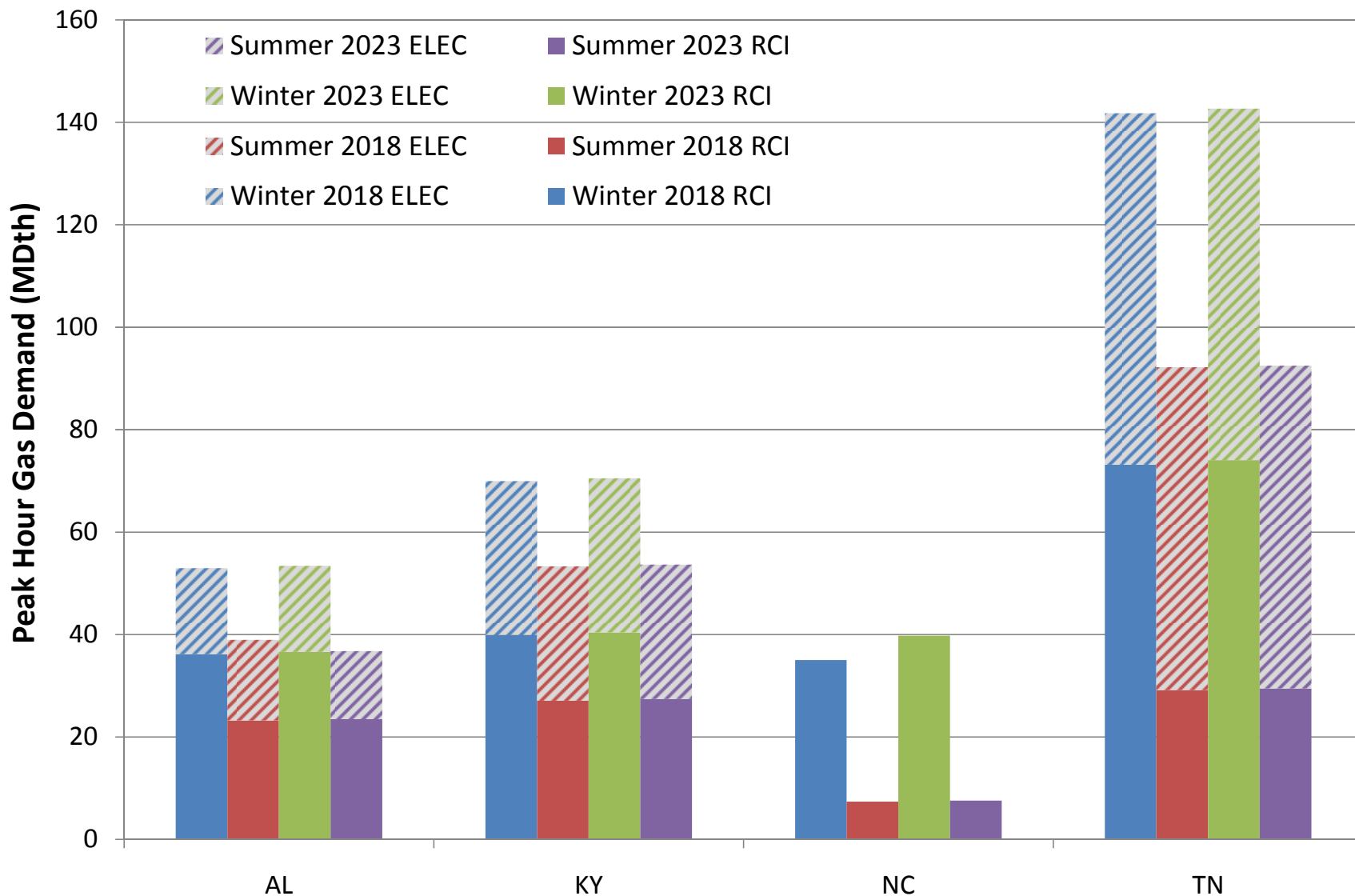




Figure E18-120. RGDS S36 Total Peak Hour Gas Demand – IESO

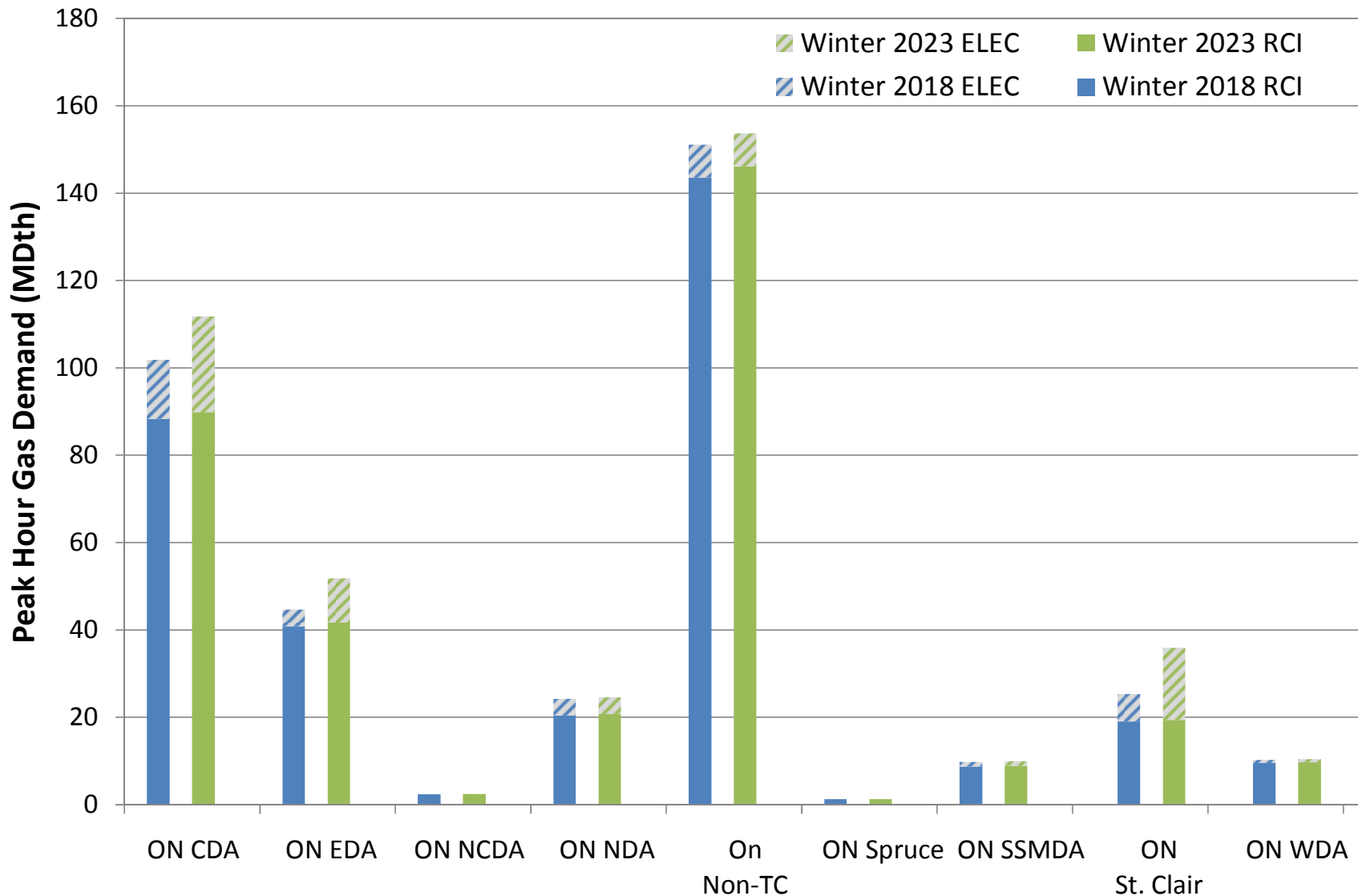


Figure E18-121. RGDS S36 Total Peak Hour Gas Demand – ISO-NE

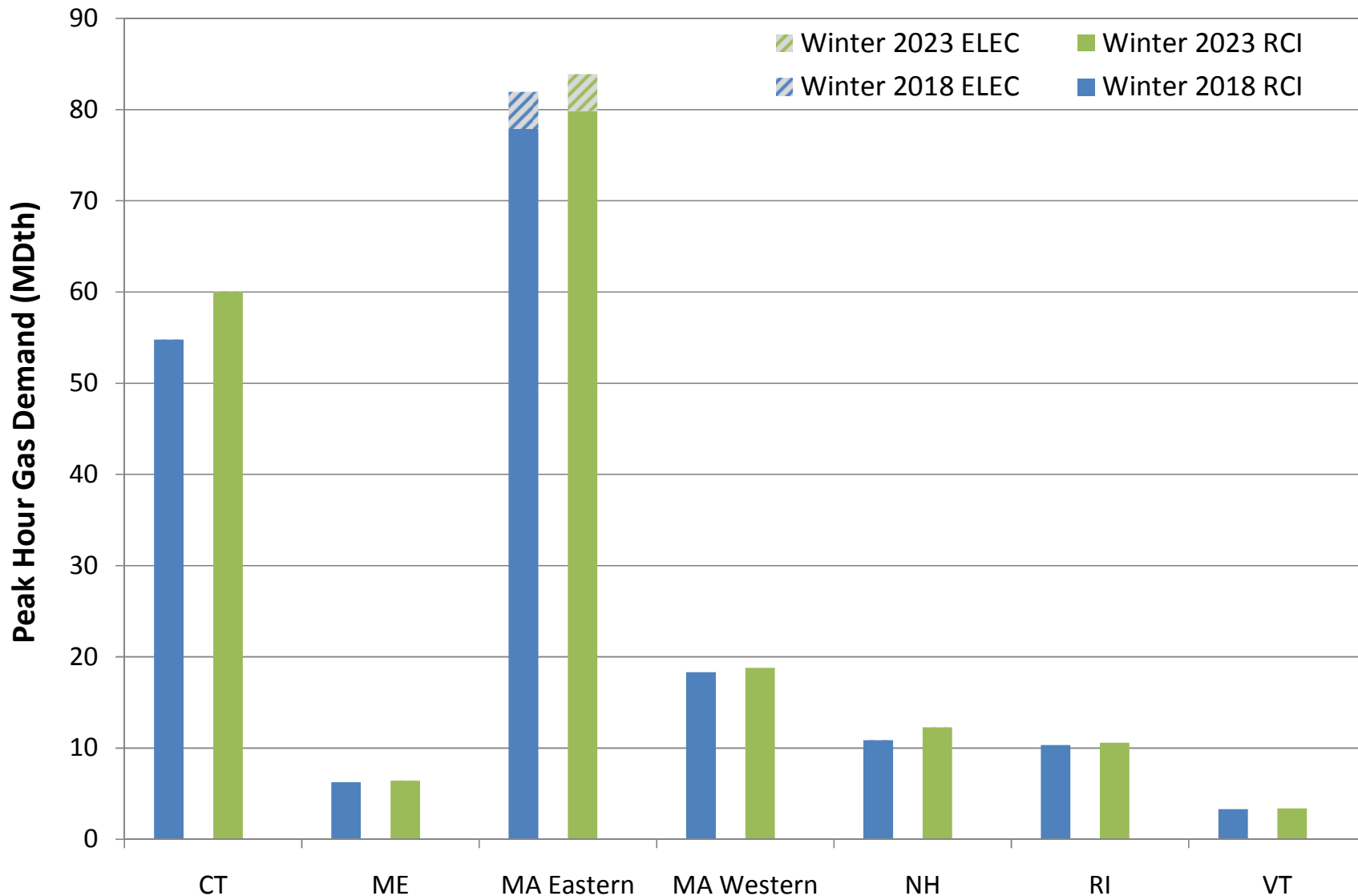


Figure E18-122. RGDS S36 Total Peak Hour Gas Demand – MISO North/Central

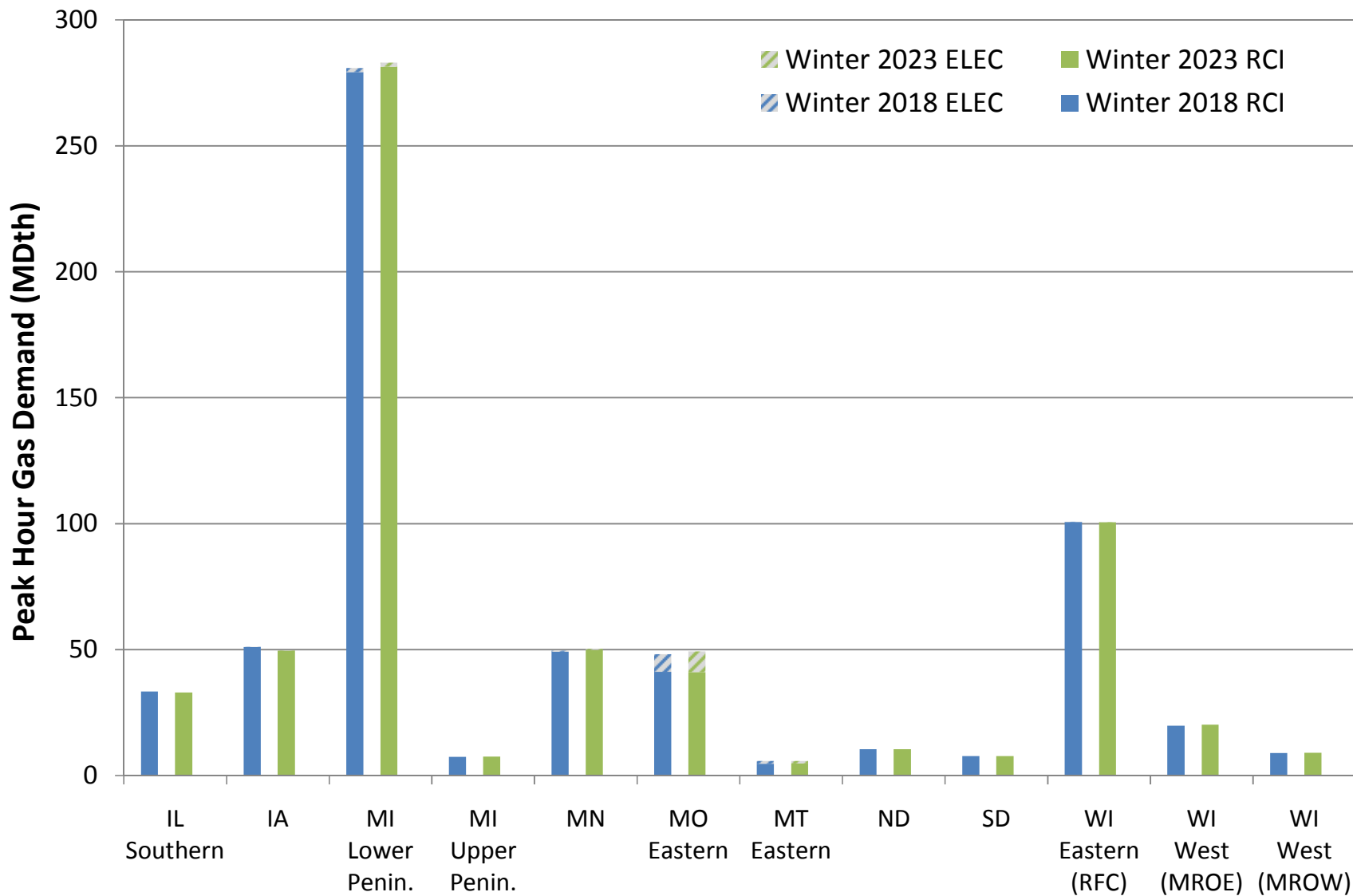


Figure E18-123. RGDS S36 Total Peak Hour Gas Demand – MISO South

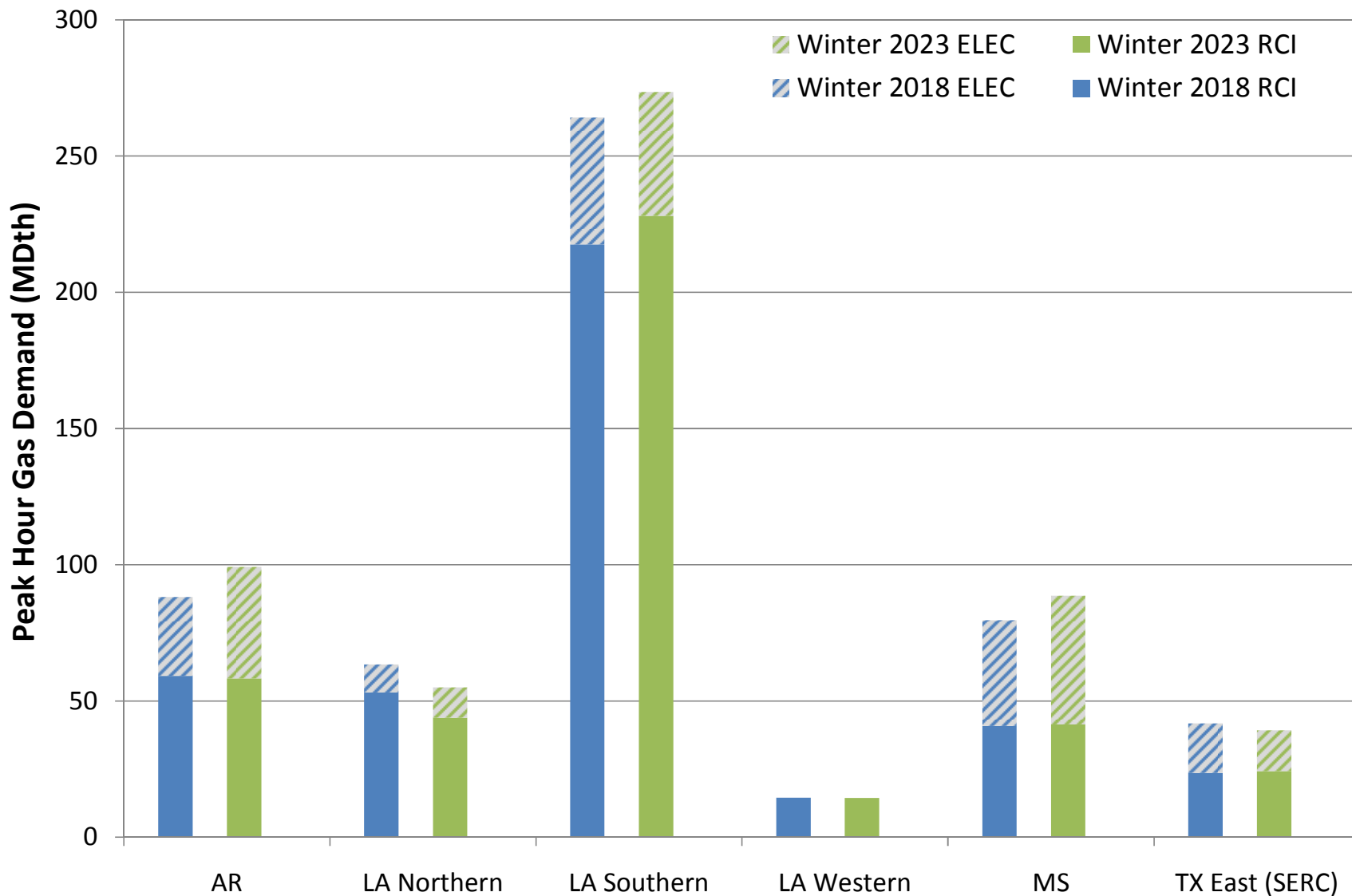


Figure E18-124. RGDS S36 Total Peak Hour Gas Demand – NYISO

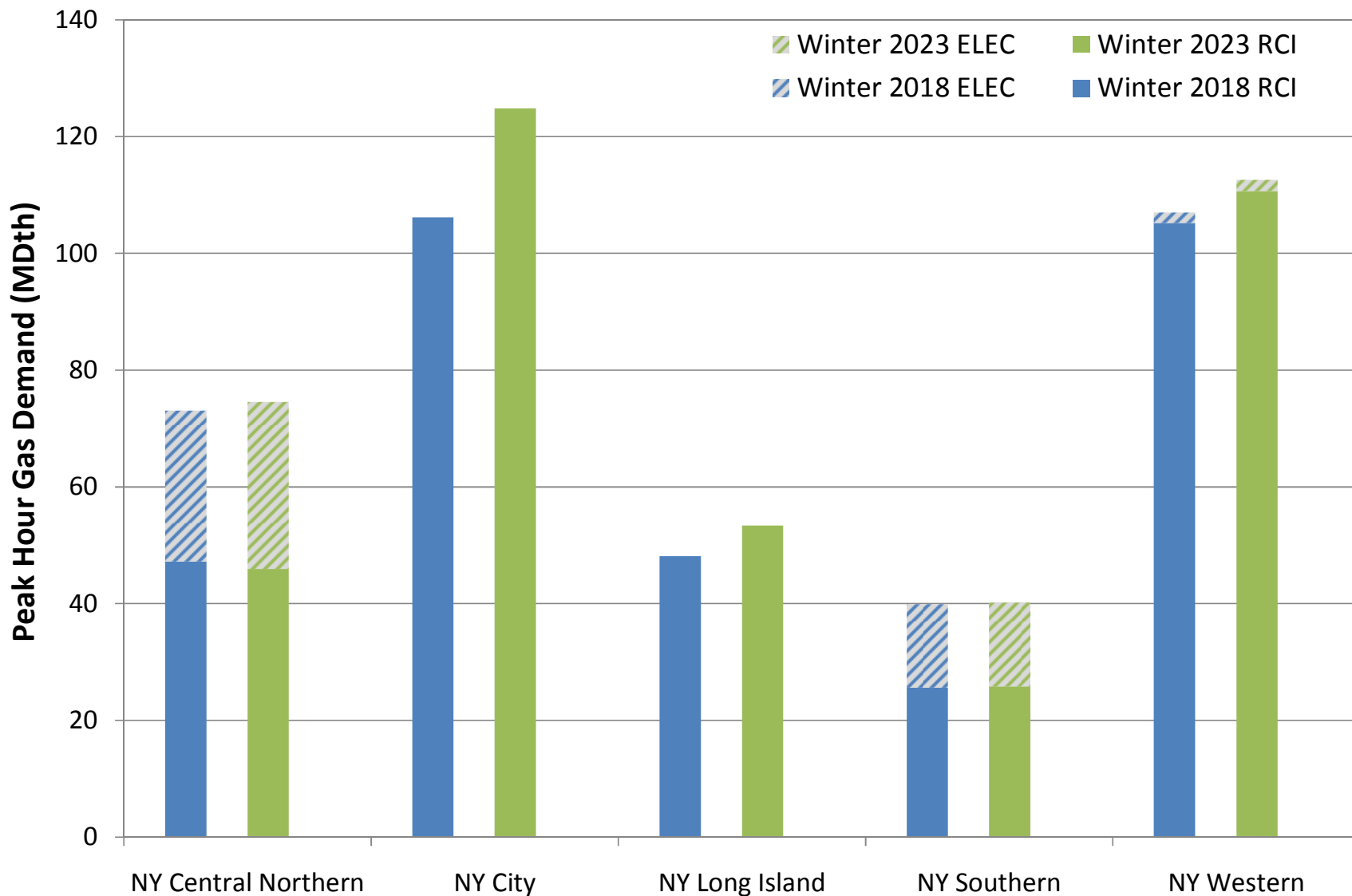


Figure E18-125. RGDS S36 Total Peak Hour Gas Demand – PJM

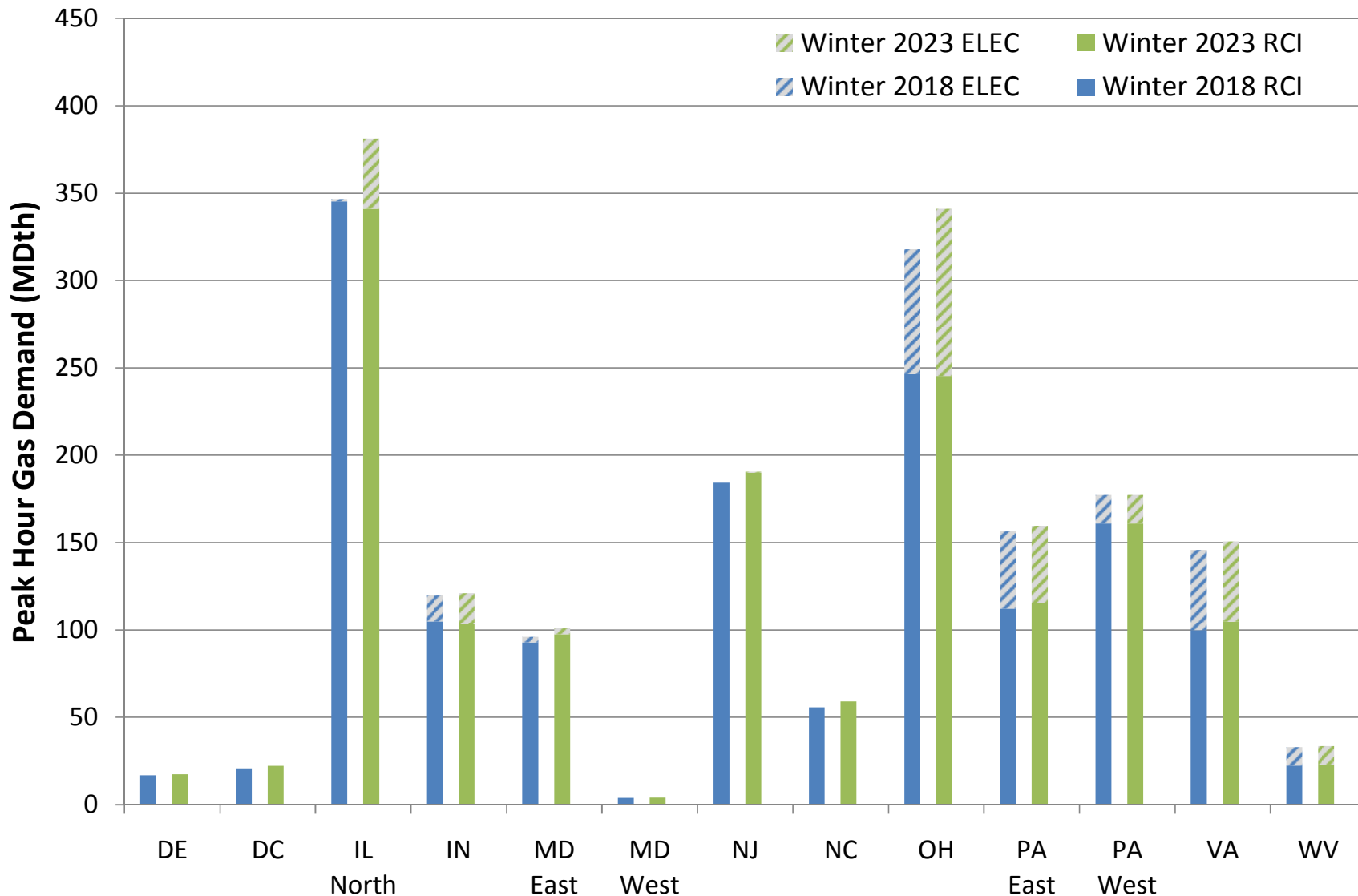


Figure E18-126. RGDS S36 Total Peak Hour Gas Demand – TVA

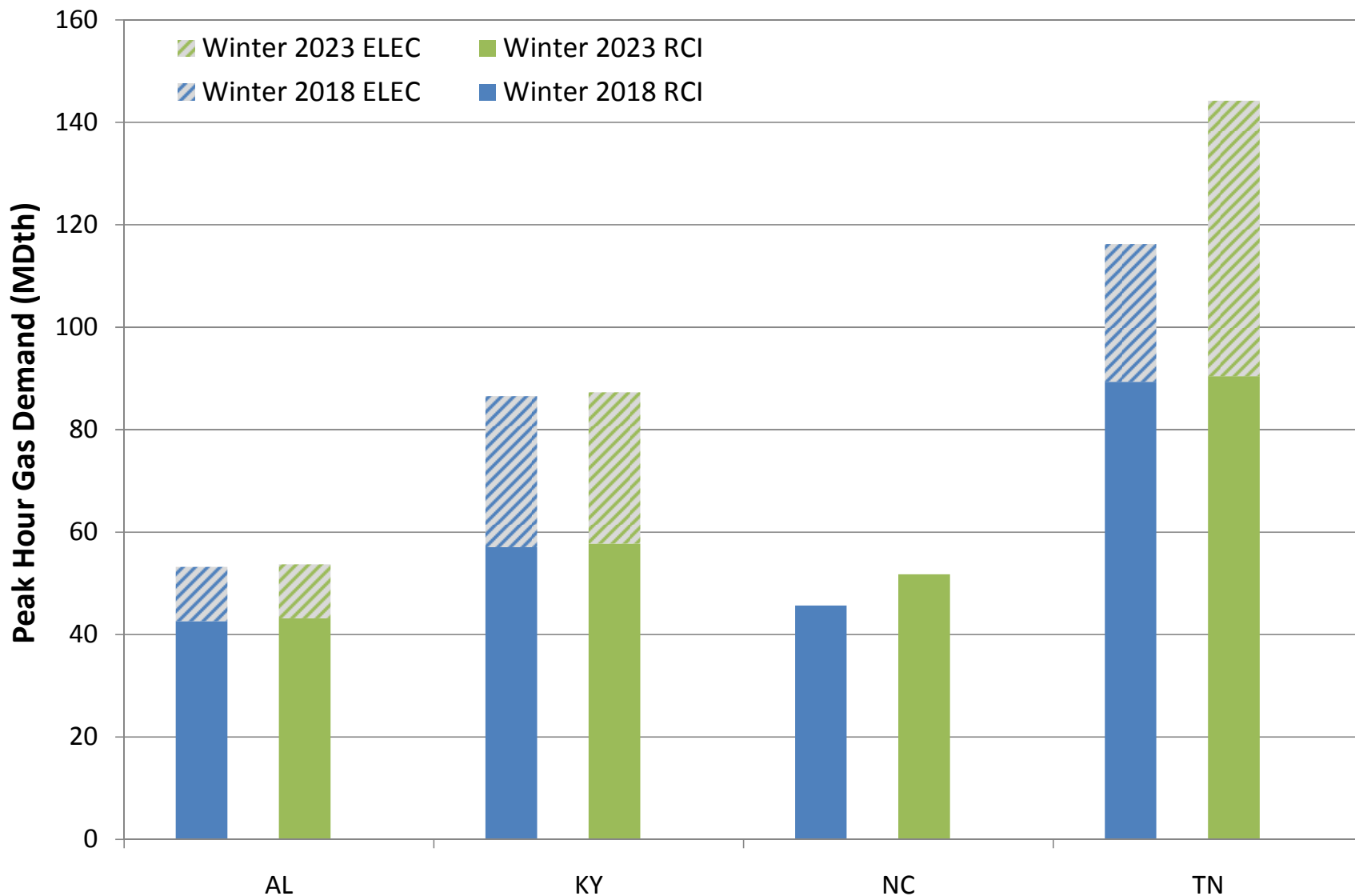


Figure E18-127. RGDS Roll-Up Total Peak Hour Gas Demand – IESO

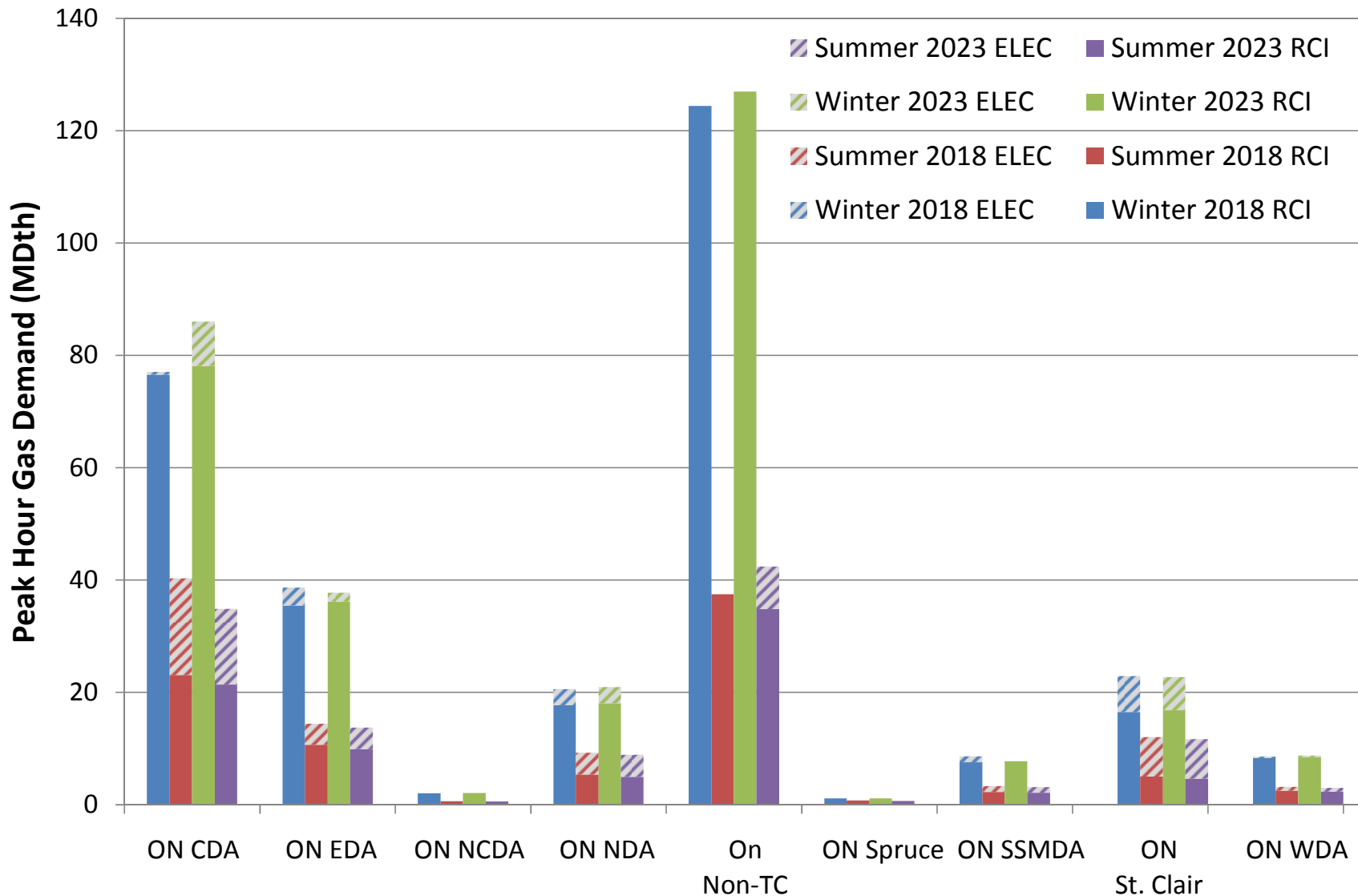




Figure E18-128. RGDS Roll-Up Total Peak Hour Gas Demand – ISO-NE

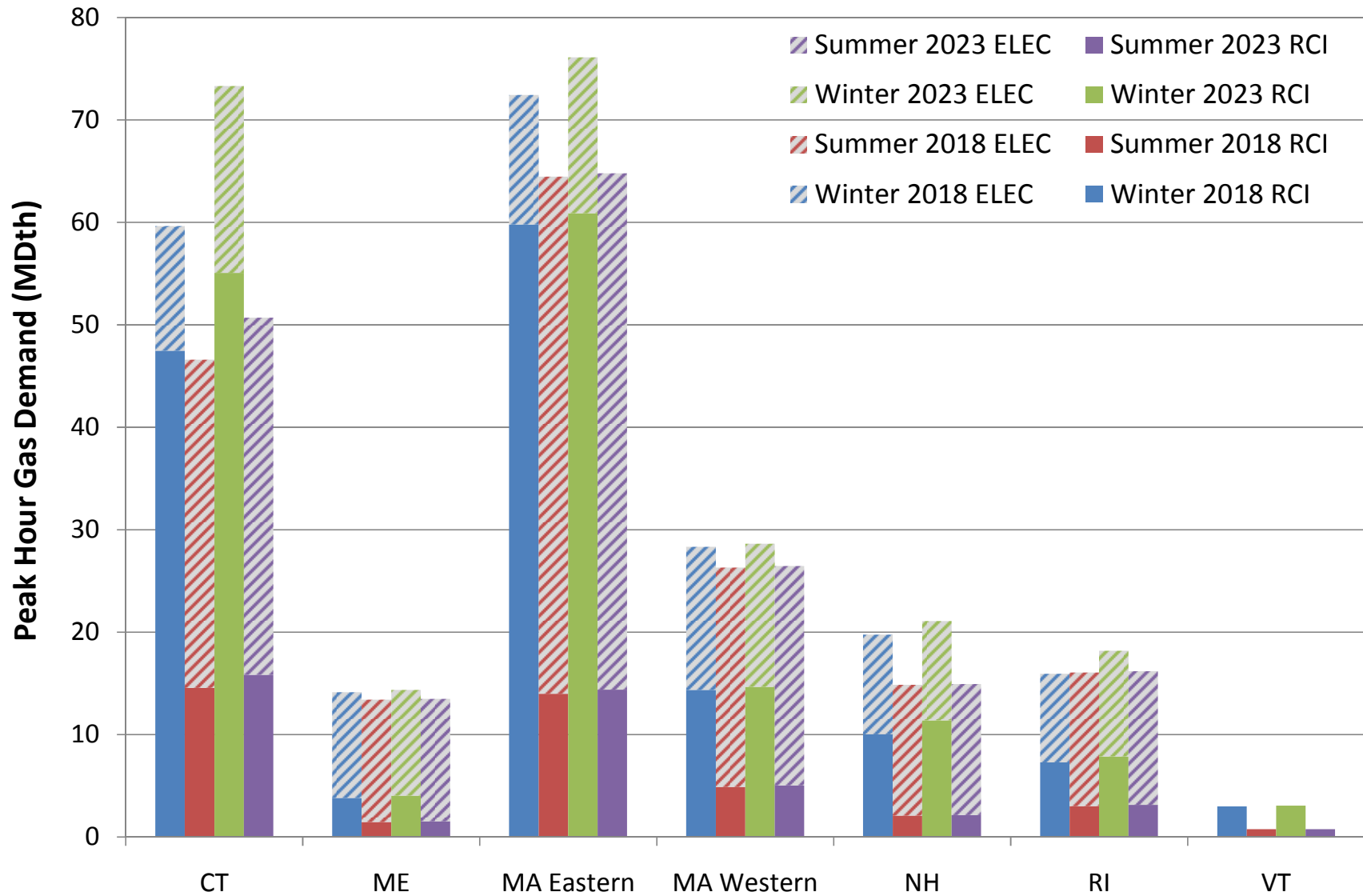


Figure E18-129. RGDS Roll-Up Total Peak Hour Gas Demand – MISO North/Central

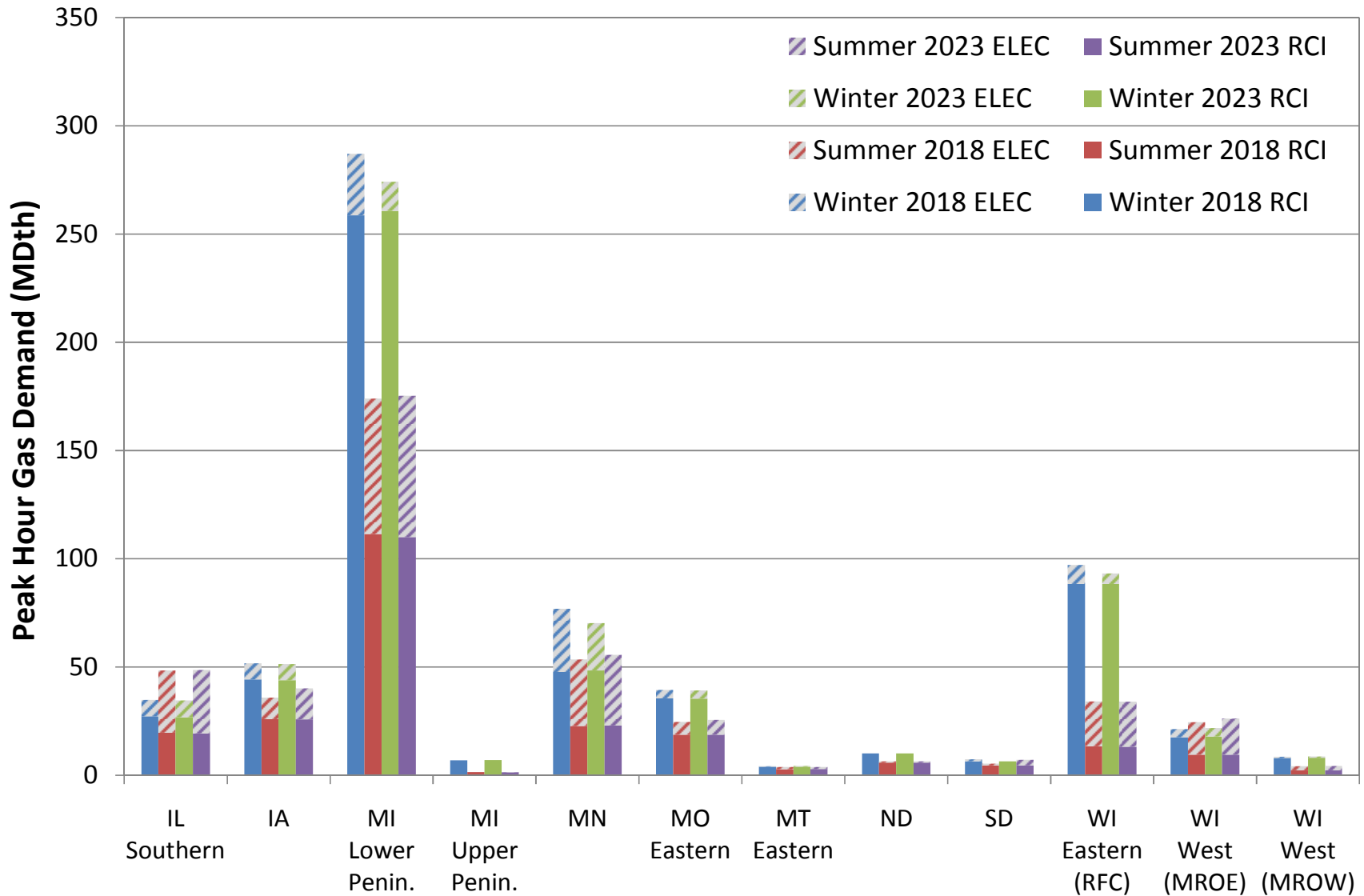


Figure E18-130. RGDS Roll-Up Total Peak Hour Gas Demand – MISO South

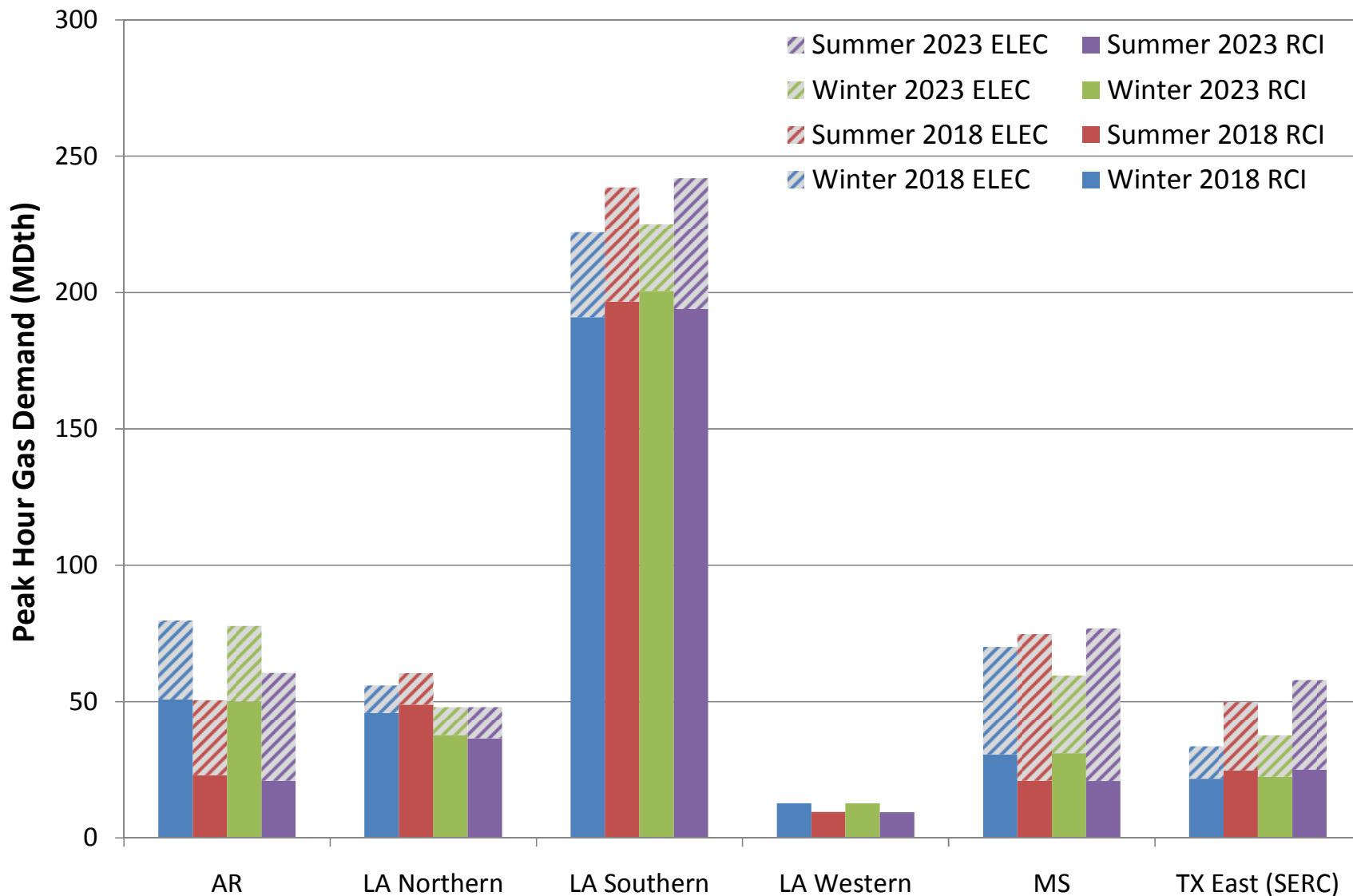


Figure E18-131. RGDS Roll-Up Total Peak Hour Gas Demand – NYISO

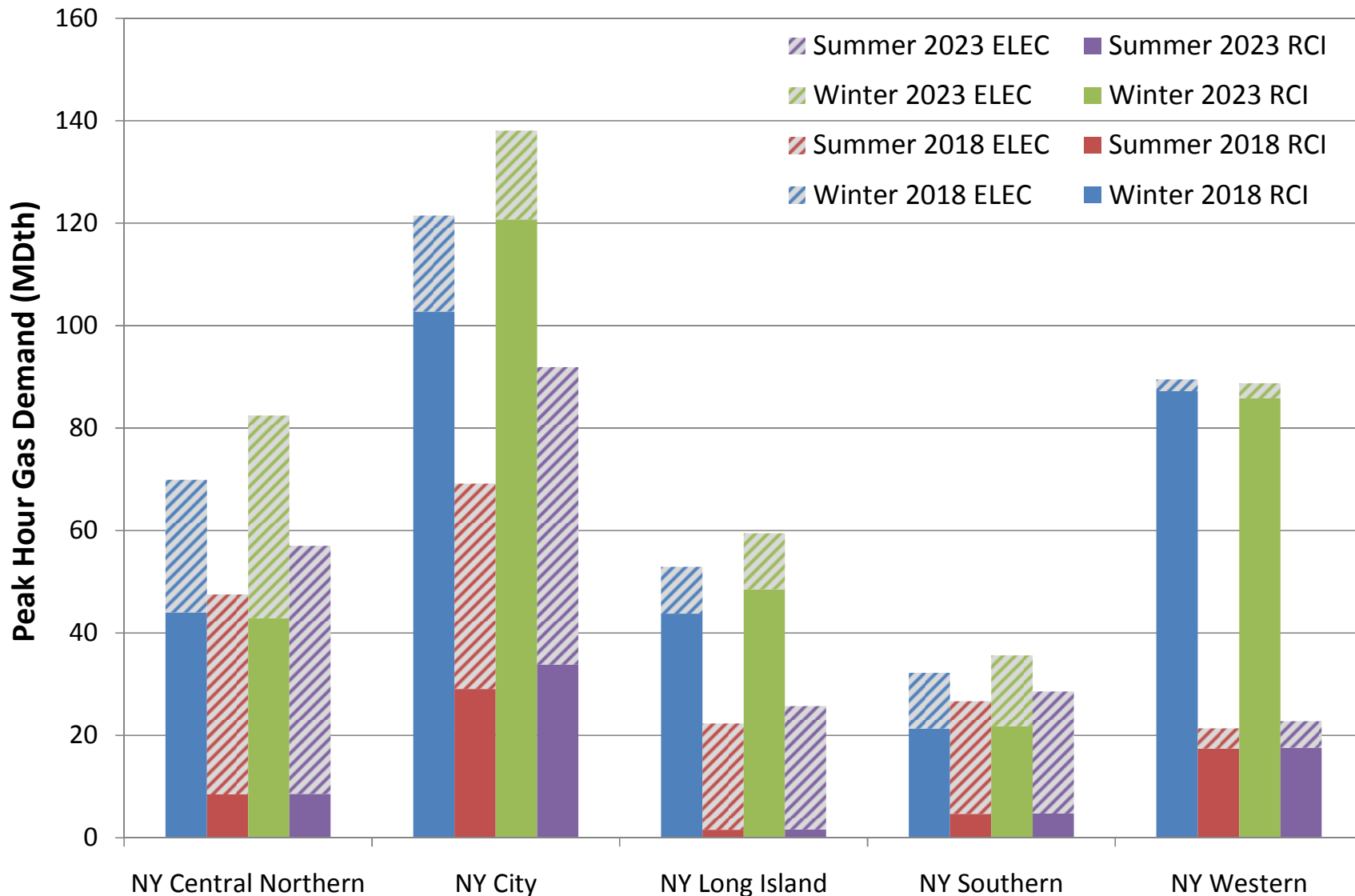


Figure E18-132. RGDS Roll-Up Total Peak Hour Gas Demand – PJM

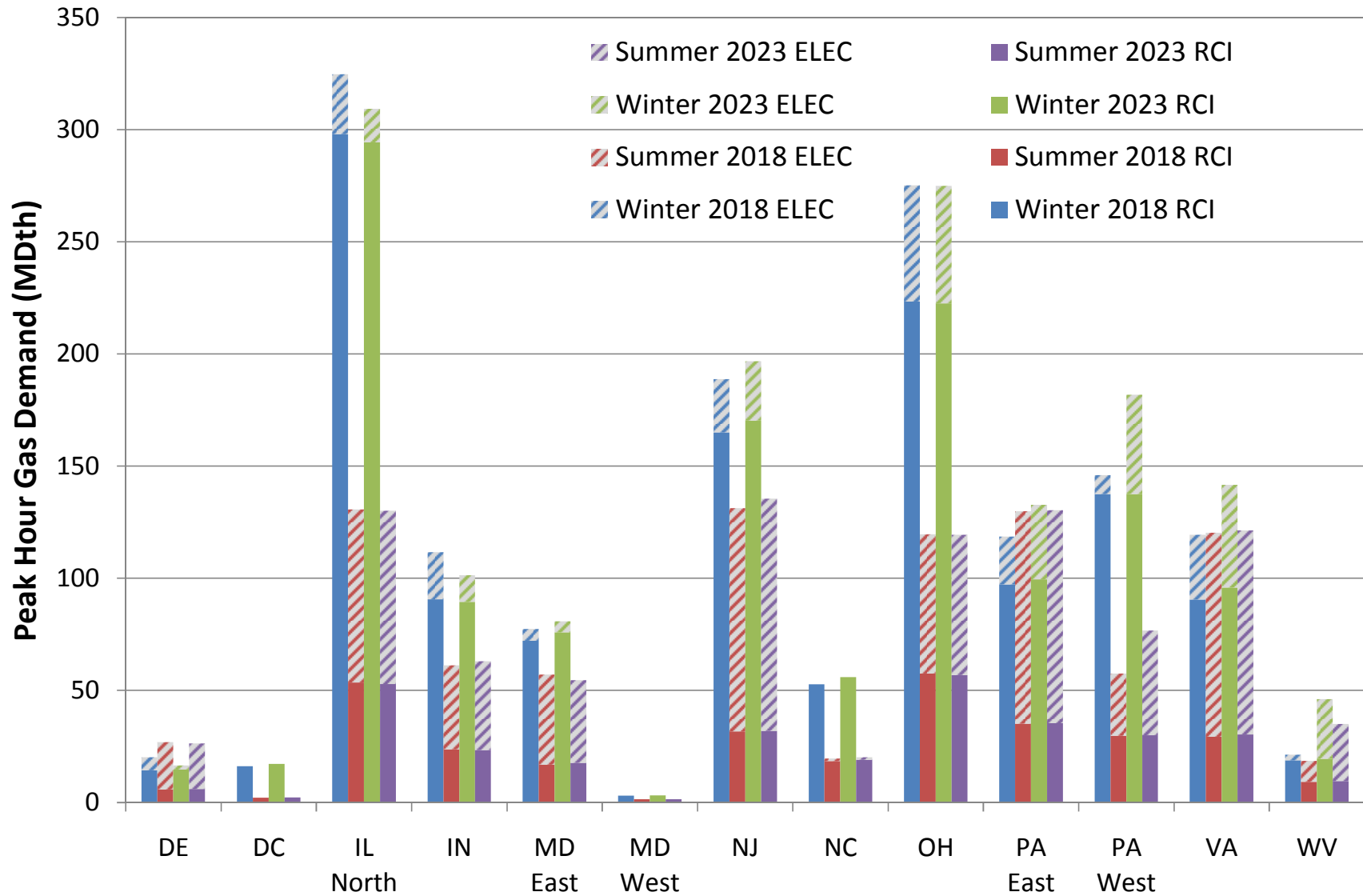


Figure E18-133. RGDS Roll-Up Total Peak Hour Gas Demand – TVA

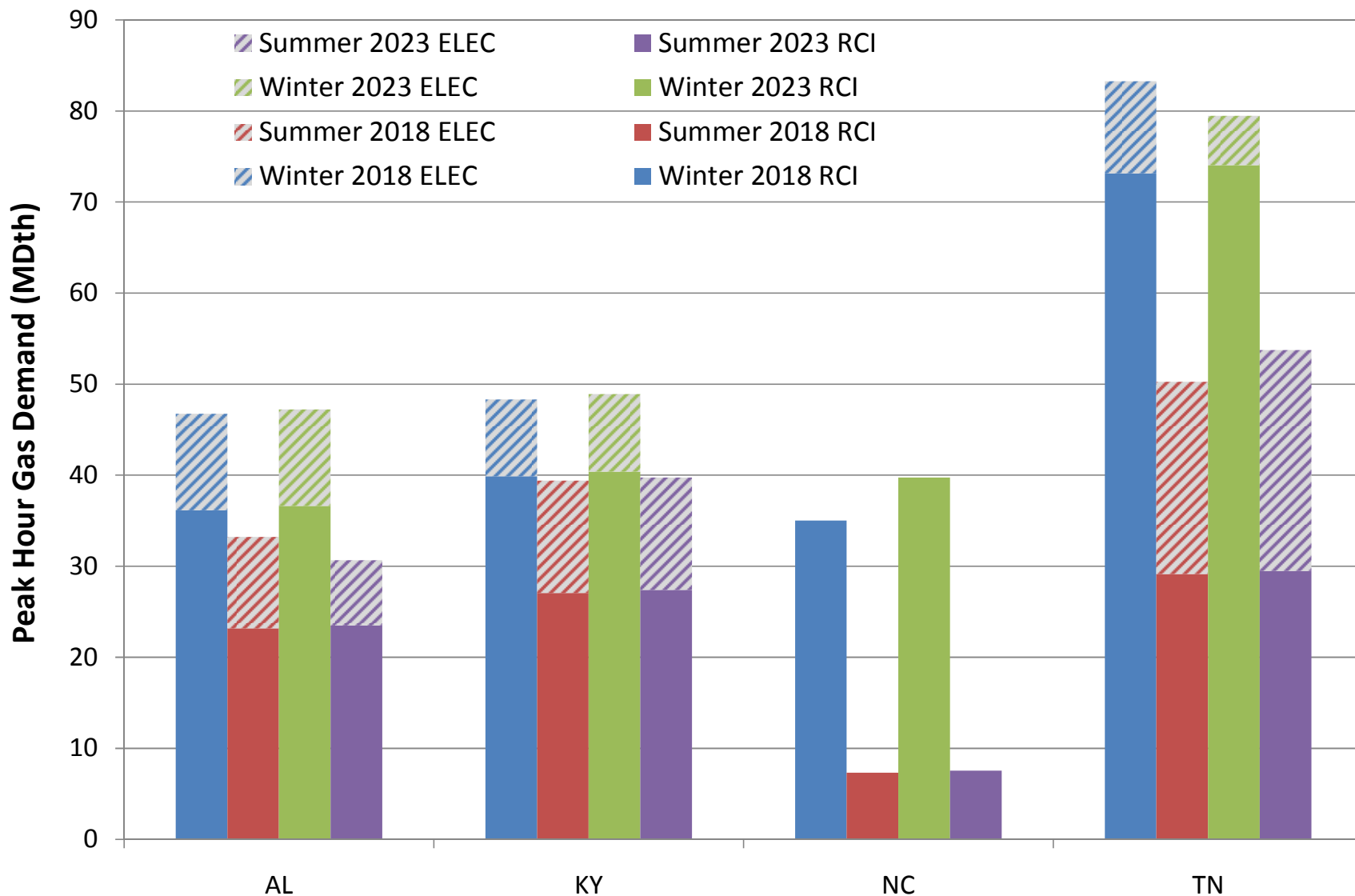


Figure E18-134. HGDS Roll-Up Total Peak Hour Gas Demand – IESO

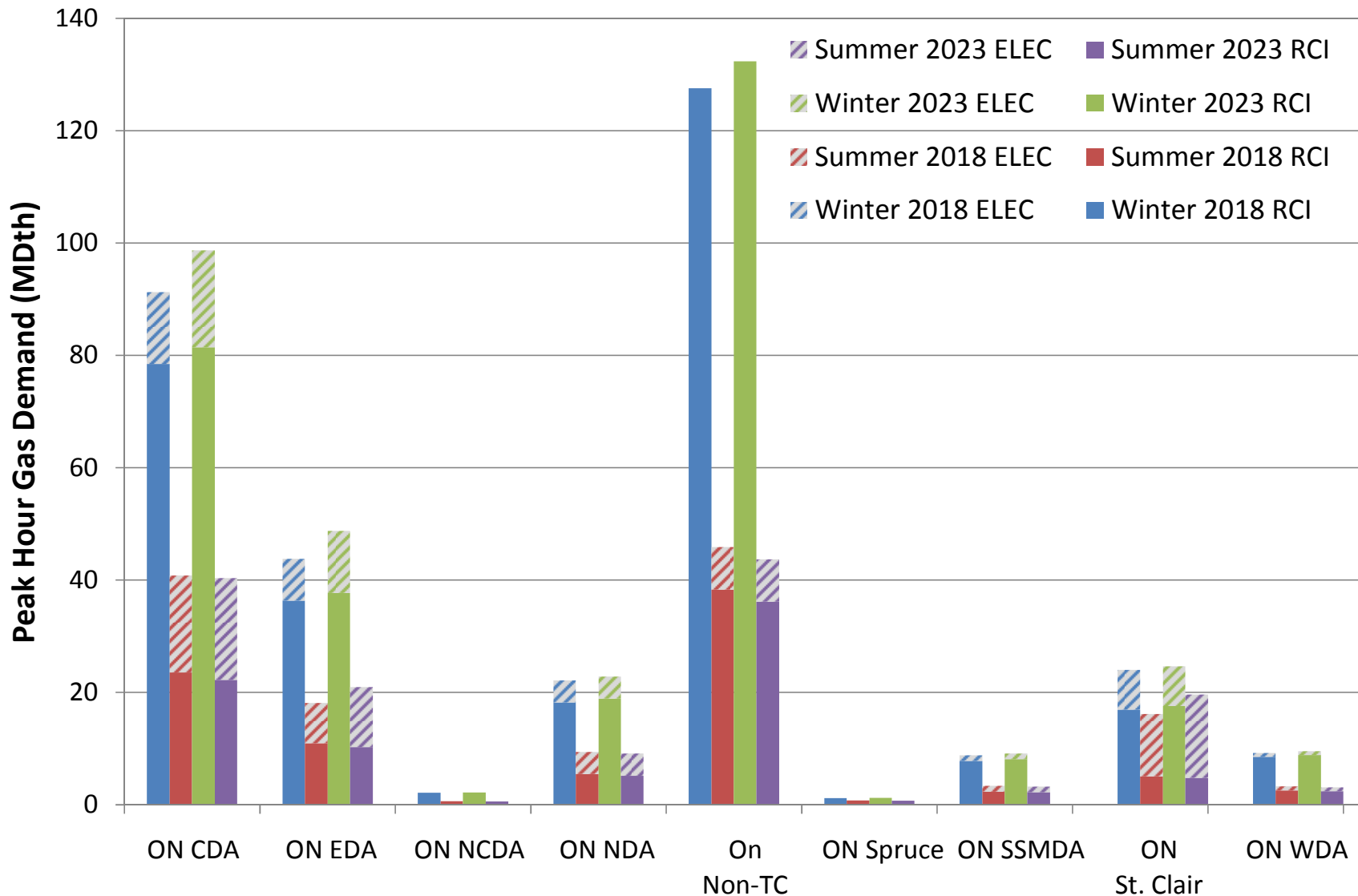


Figure E18-135. HGDS Roll-Up Total Peak Hour Gas Demand – ISO-NE

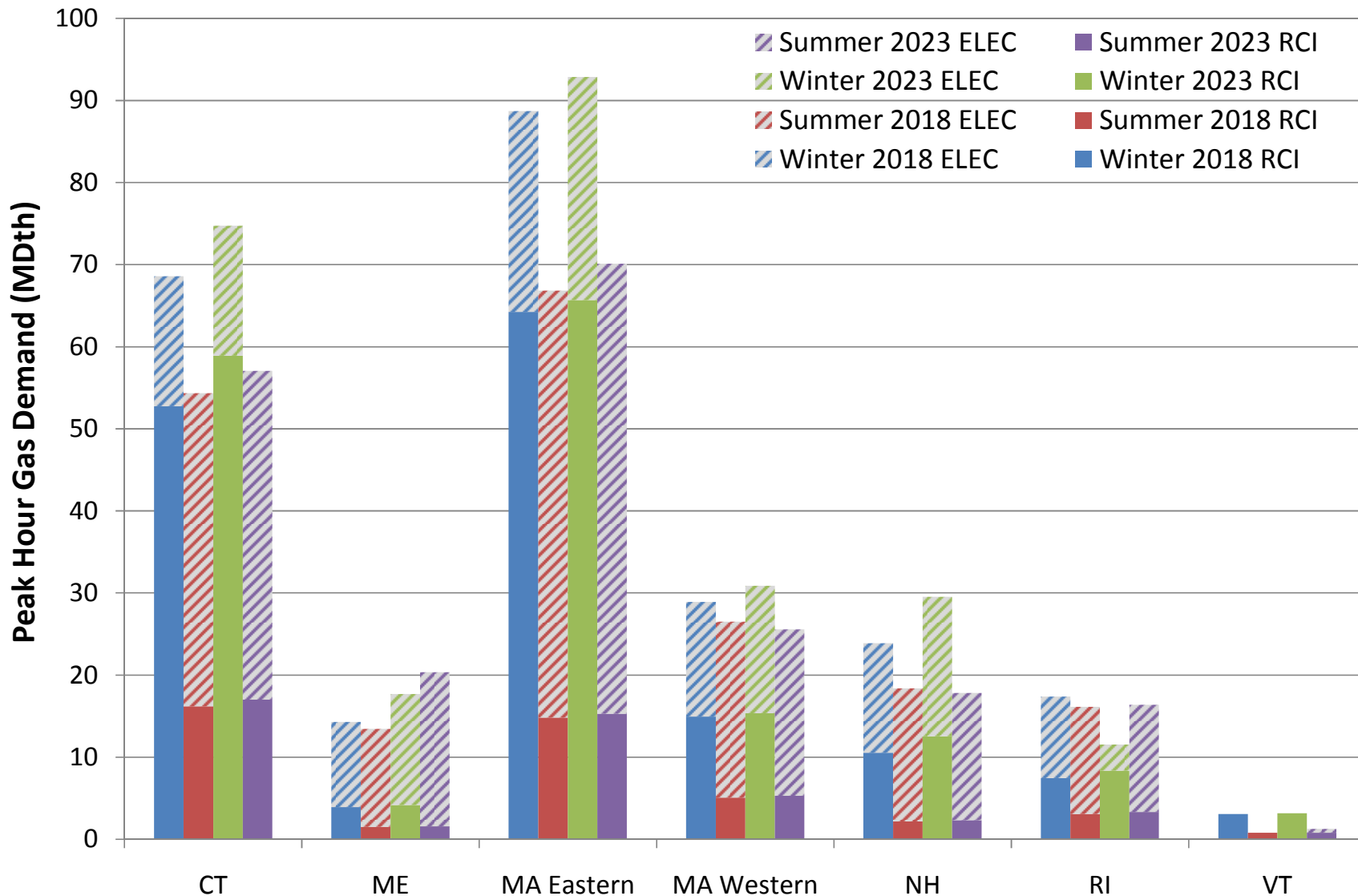




Figure E18-136. HGDS Roll-Up Total Peak Hour Gas Demand – MISO North/Central

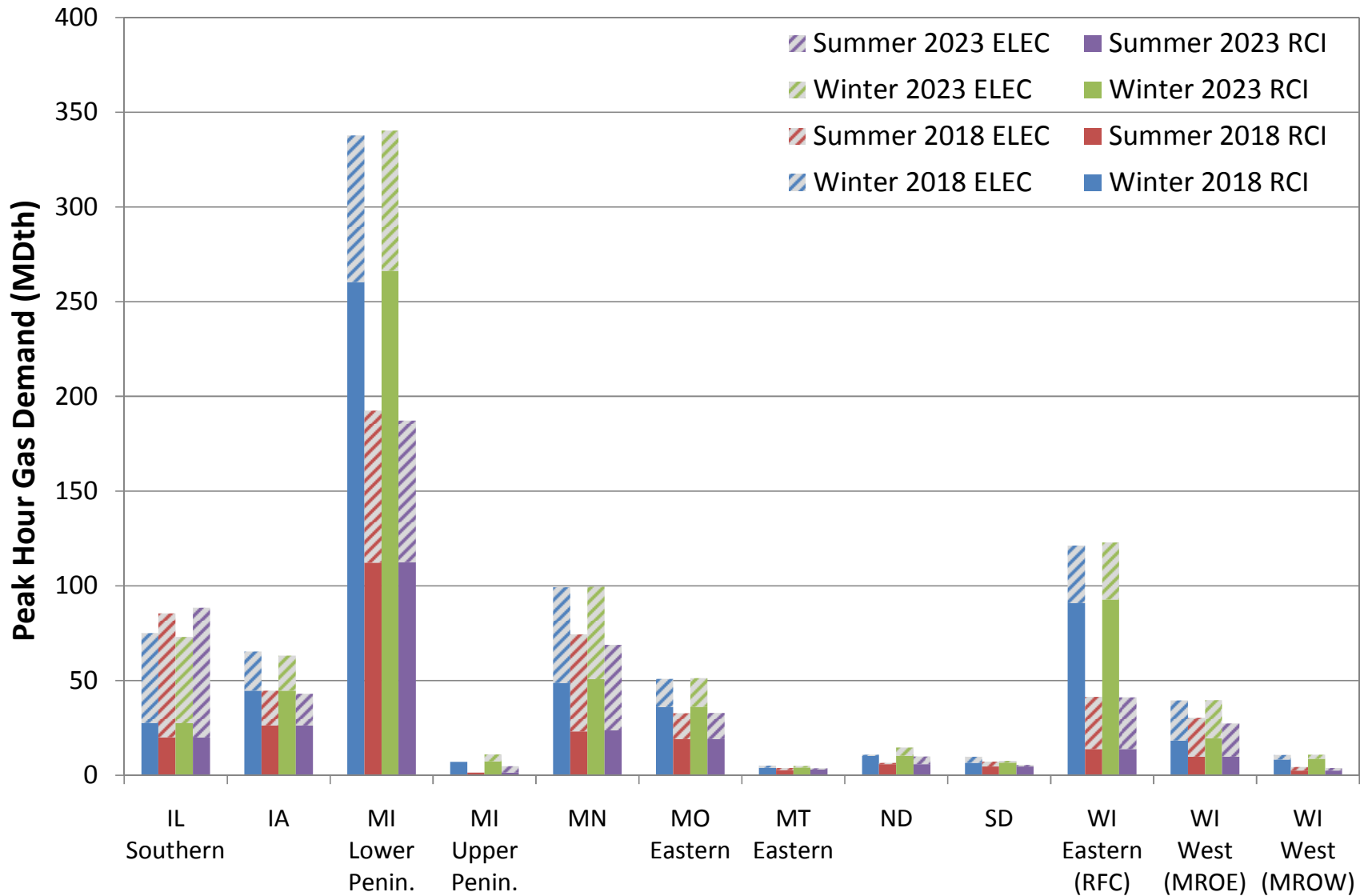


Figure E18-137. HGDS Roll-Up Total Peak Hour Gas Demand – MISO South

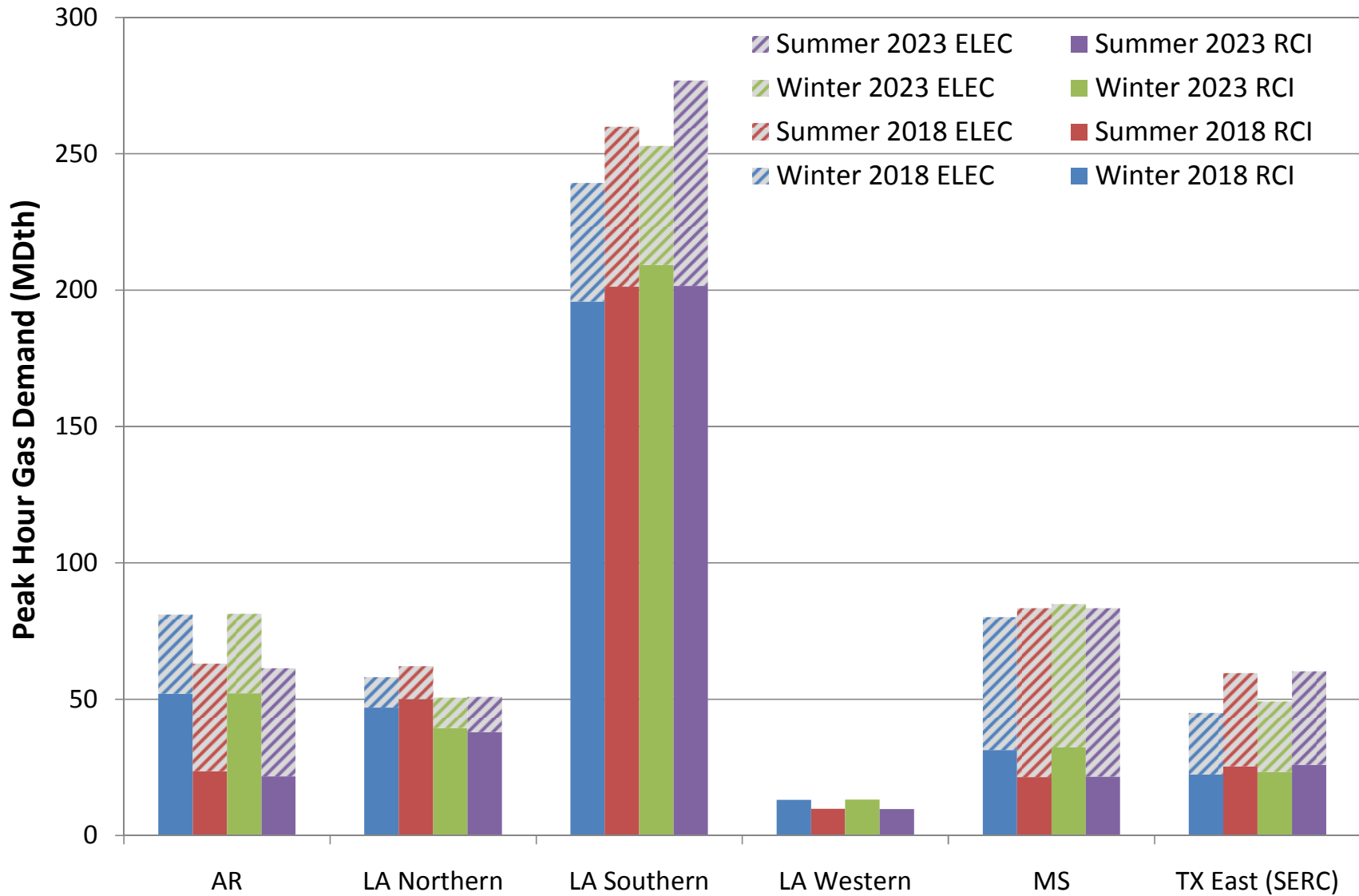


Figure E18-138. HGDS Roll-Up Total Peak Hour Gas Demand – NYISO

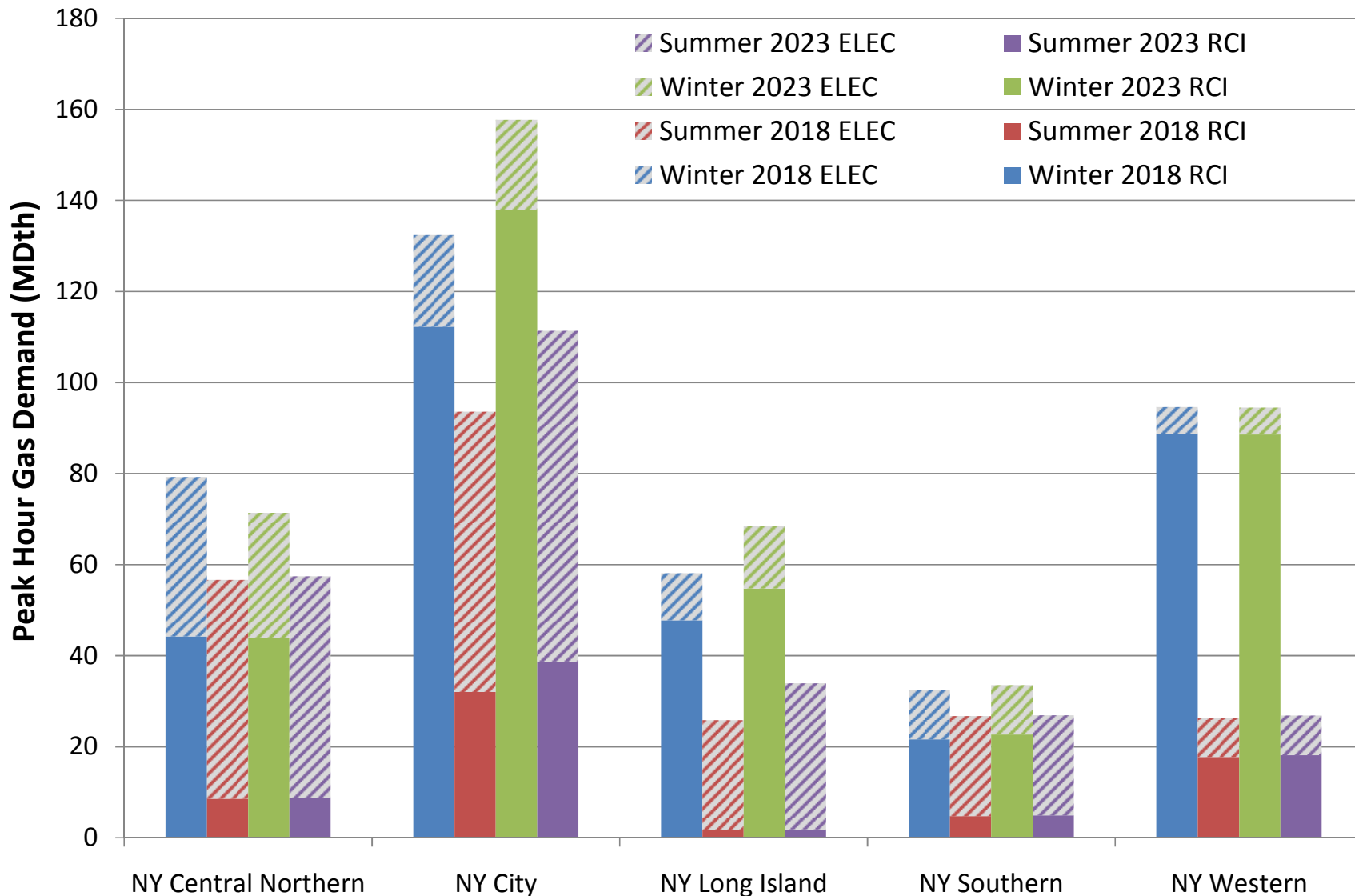


Figure E18-139. HGDS Roll-Up Total Peak Hour Gas Demand – PJM

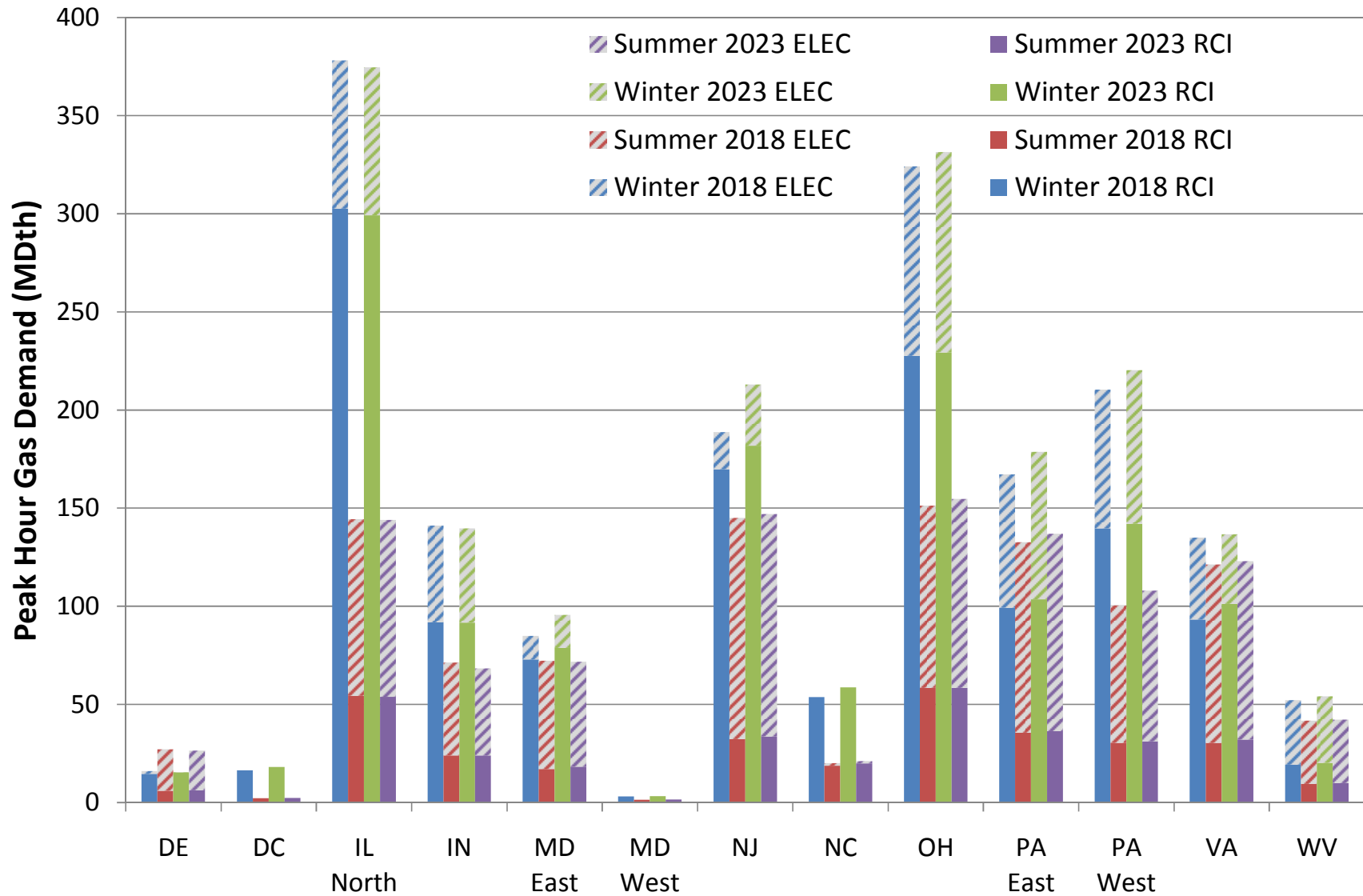


Figure E18-140. HGDS Roll-Up Total Peak Hour Gas Demand – TVA

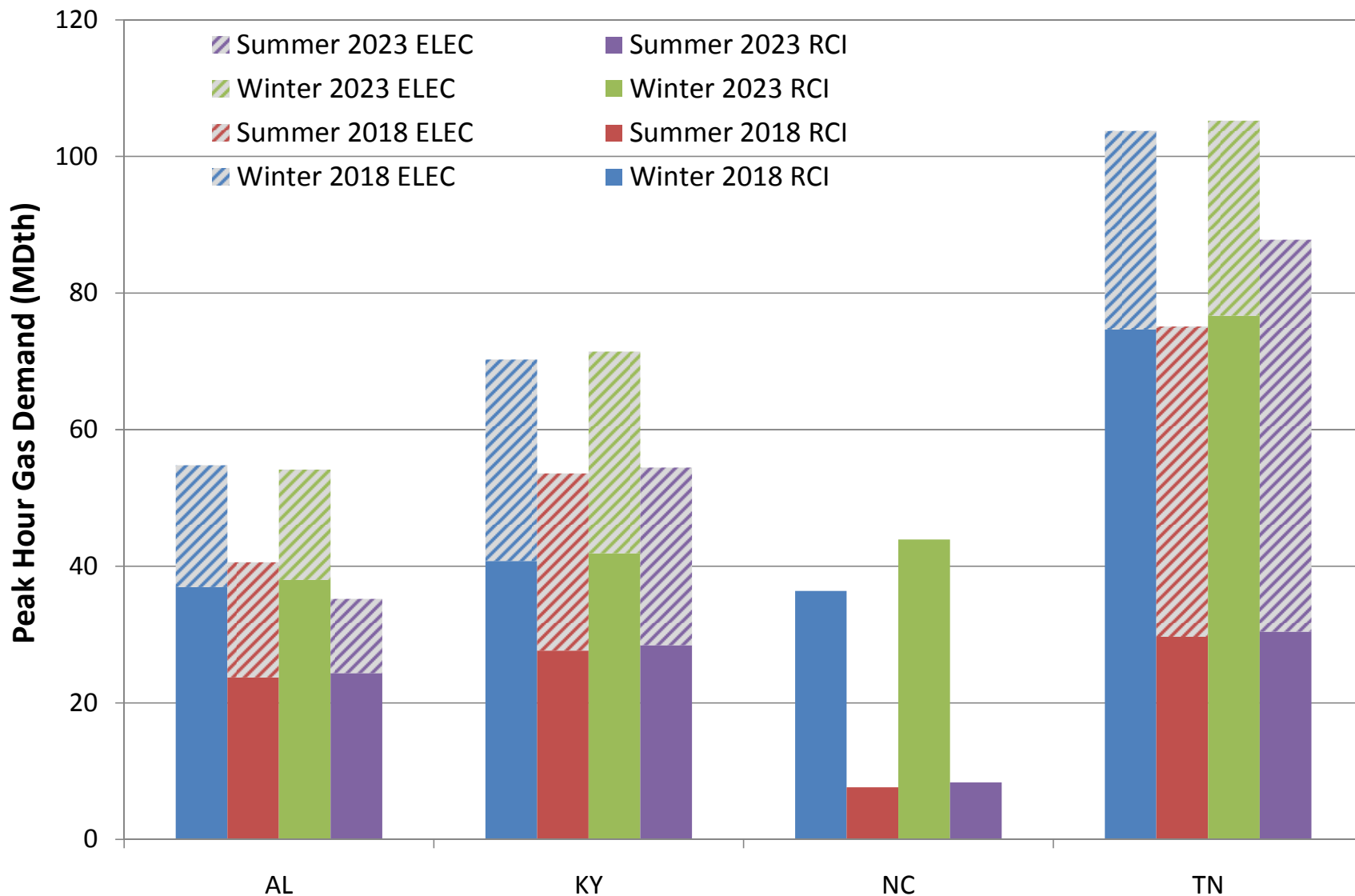


Figure E18-141. LGDS Roll-Up Total Peak Hour Gas Demand – IESO

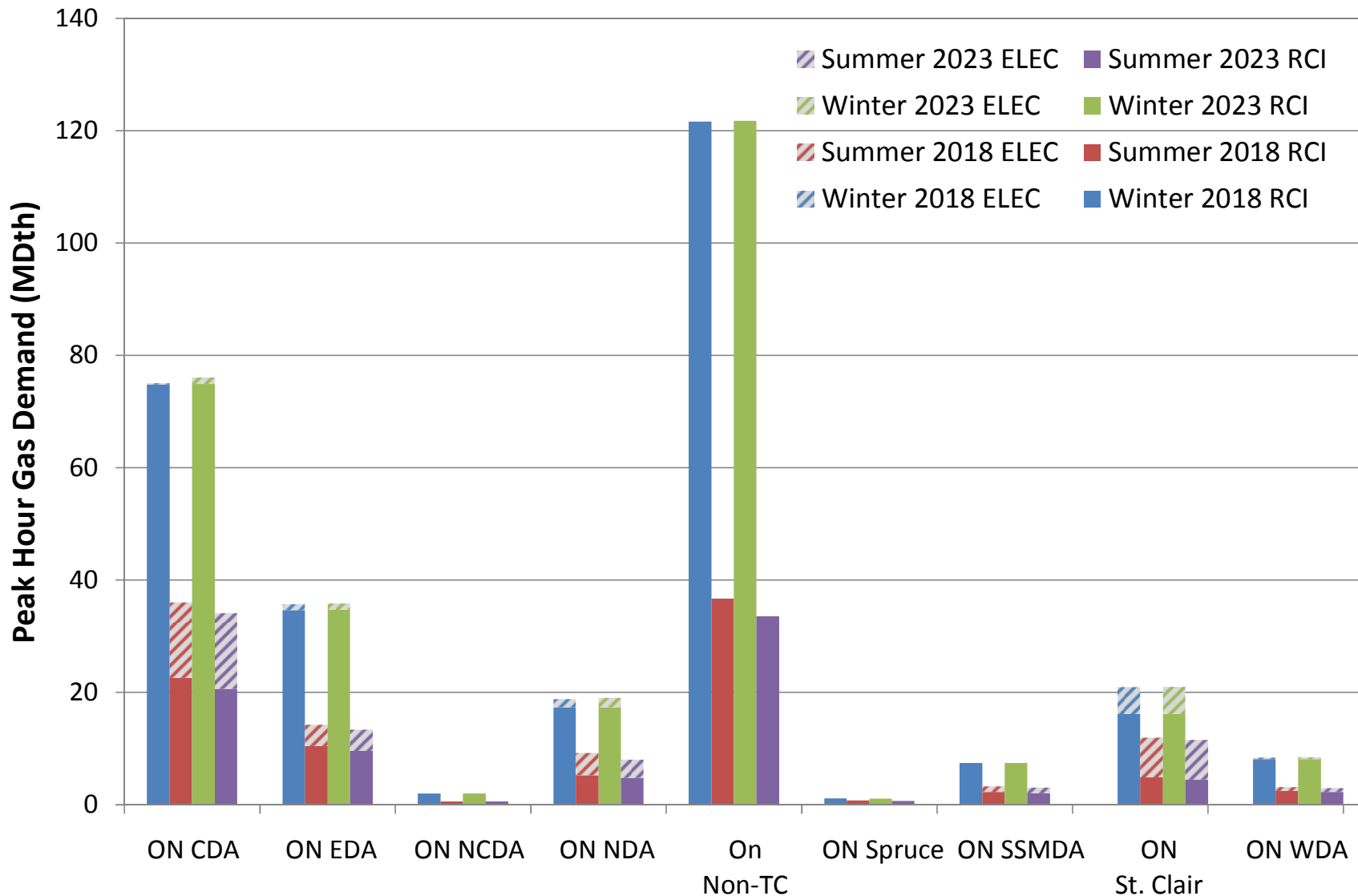


Figure E18-142. LGDS Roll-Up Total Peak Hour Gas Demand – ISO-NE

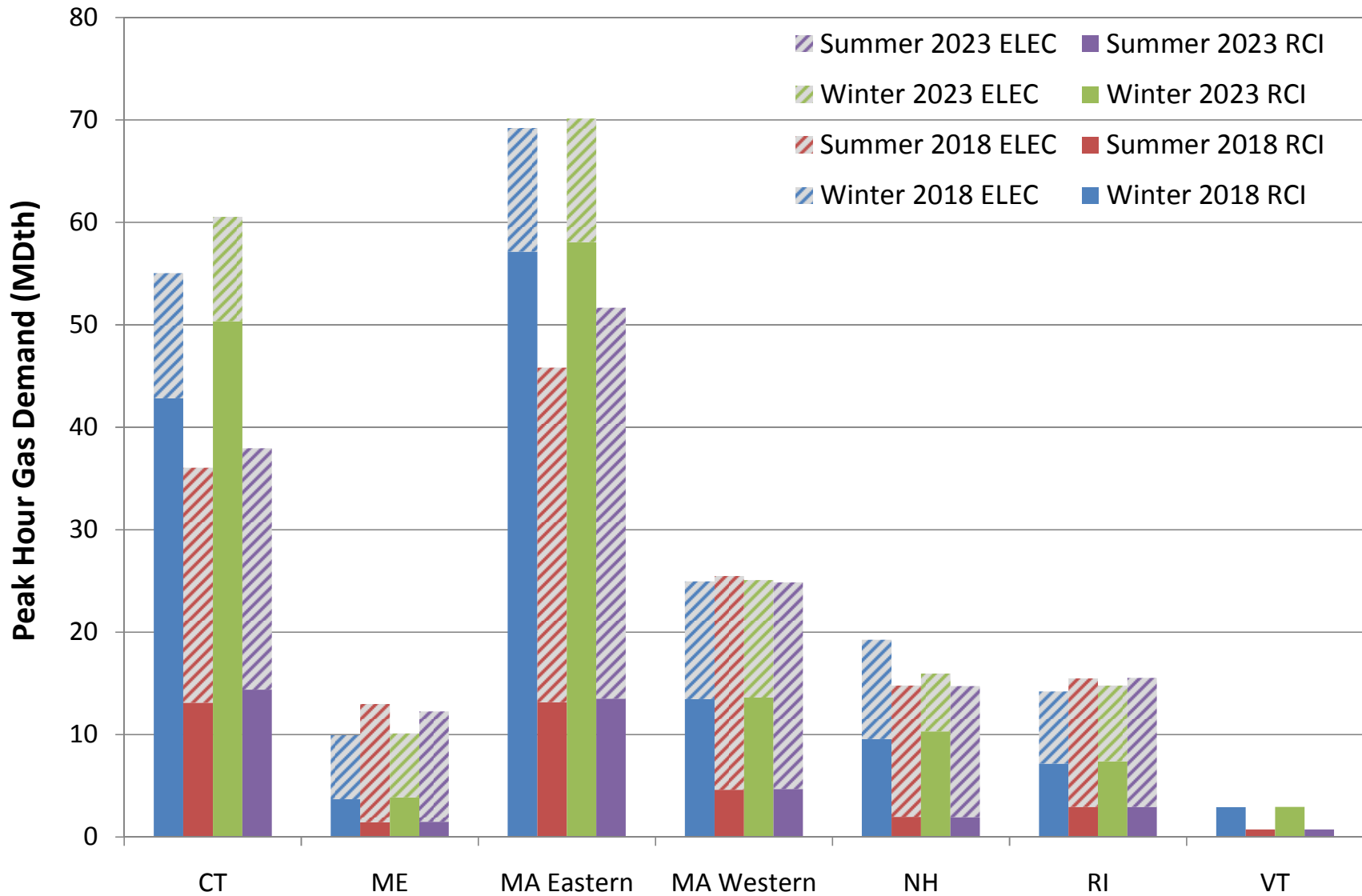


Figure E18-143. LGDS Roll-Up Total Peak Hour Gas Demand – MISO North/Central

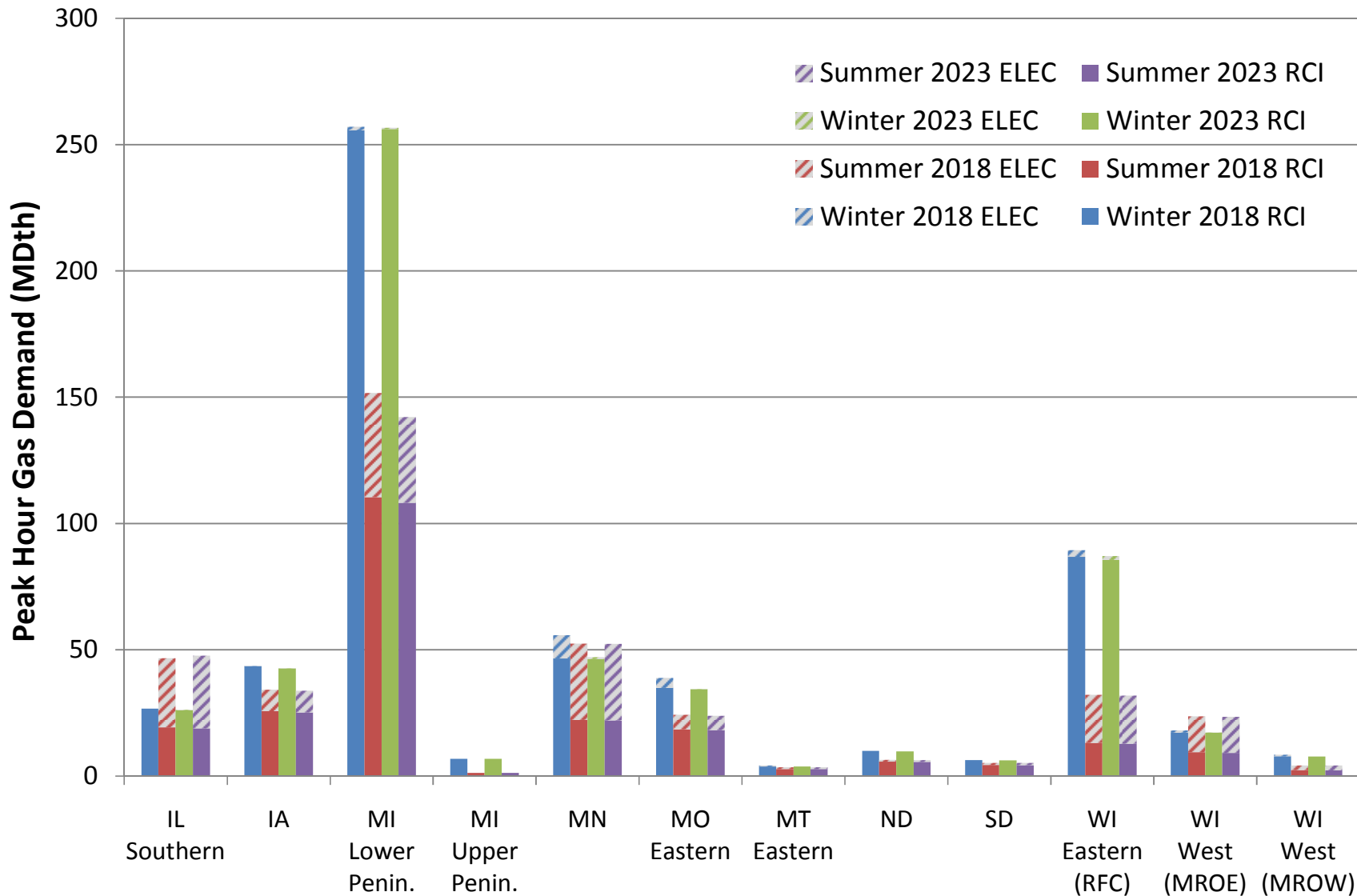




Figure E18-144. LGDS Roll-Up Total Peak Hour Gas Demand – MISO South

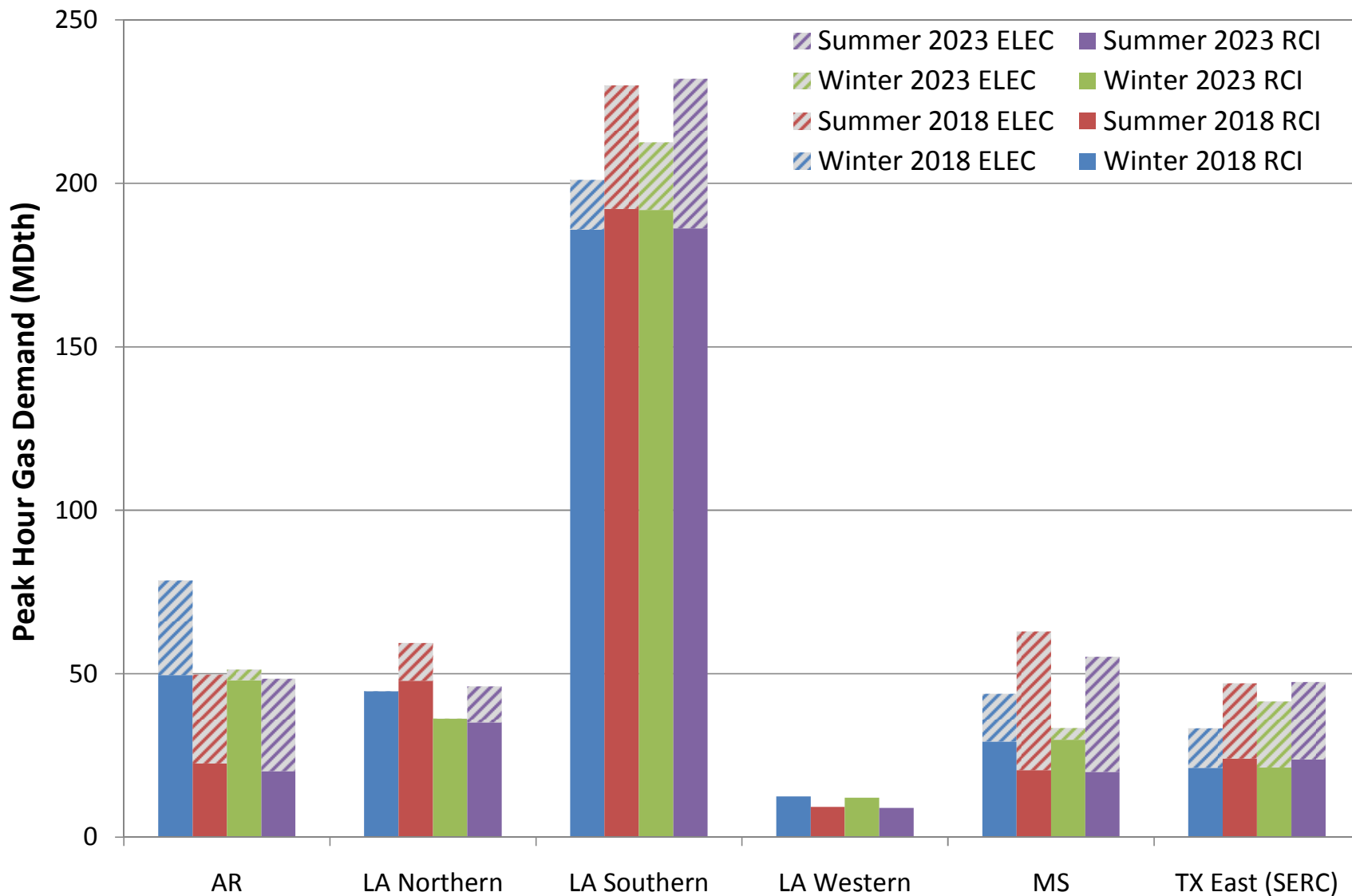


Figure E18-145. LGDS Roll-Up Total Peak Hour Gas Demand – NYISO

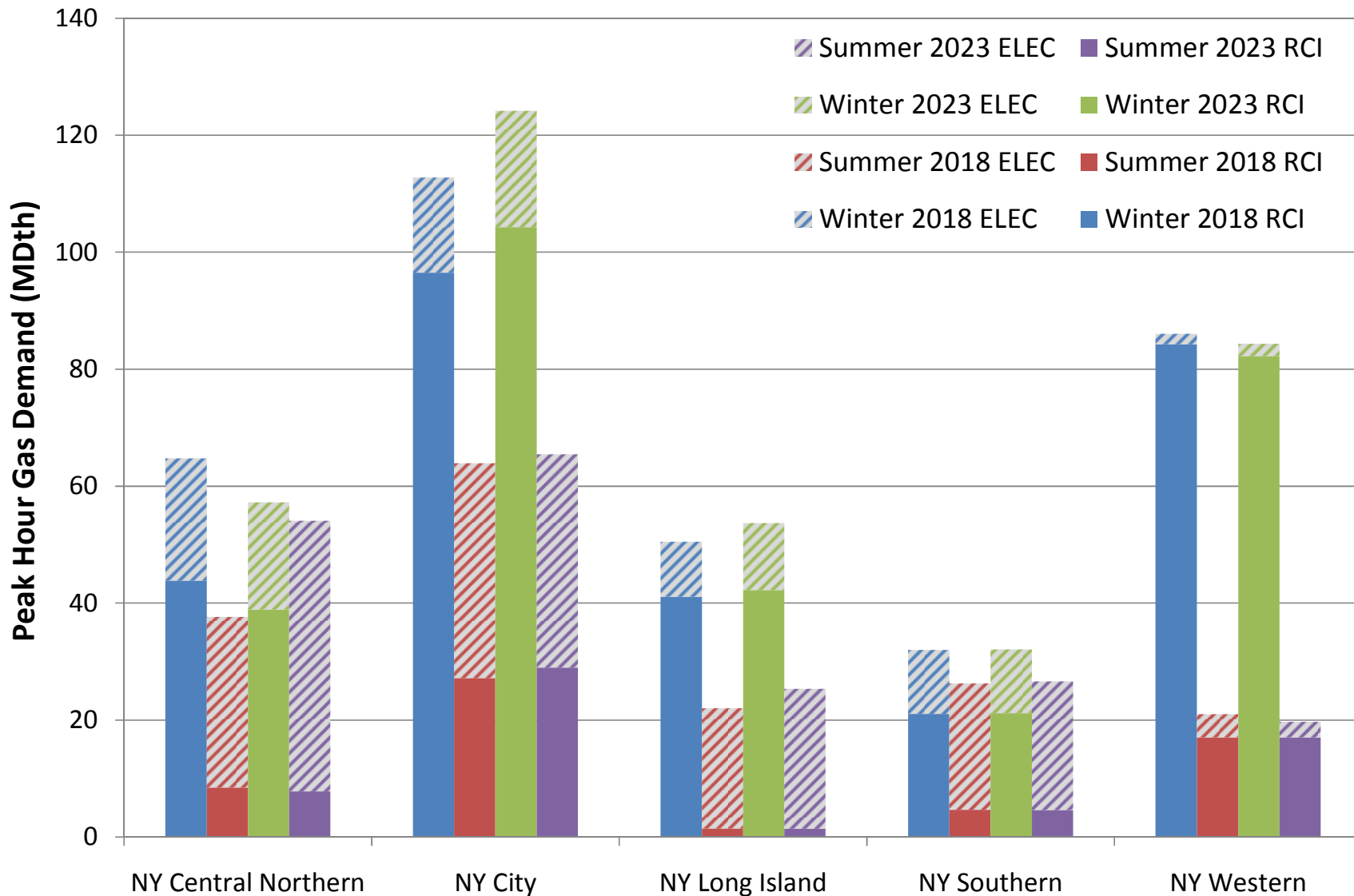


Figure E18-146. LGDS Roll-Up Total Peak Hour Gas Demand – PJM

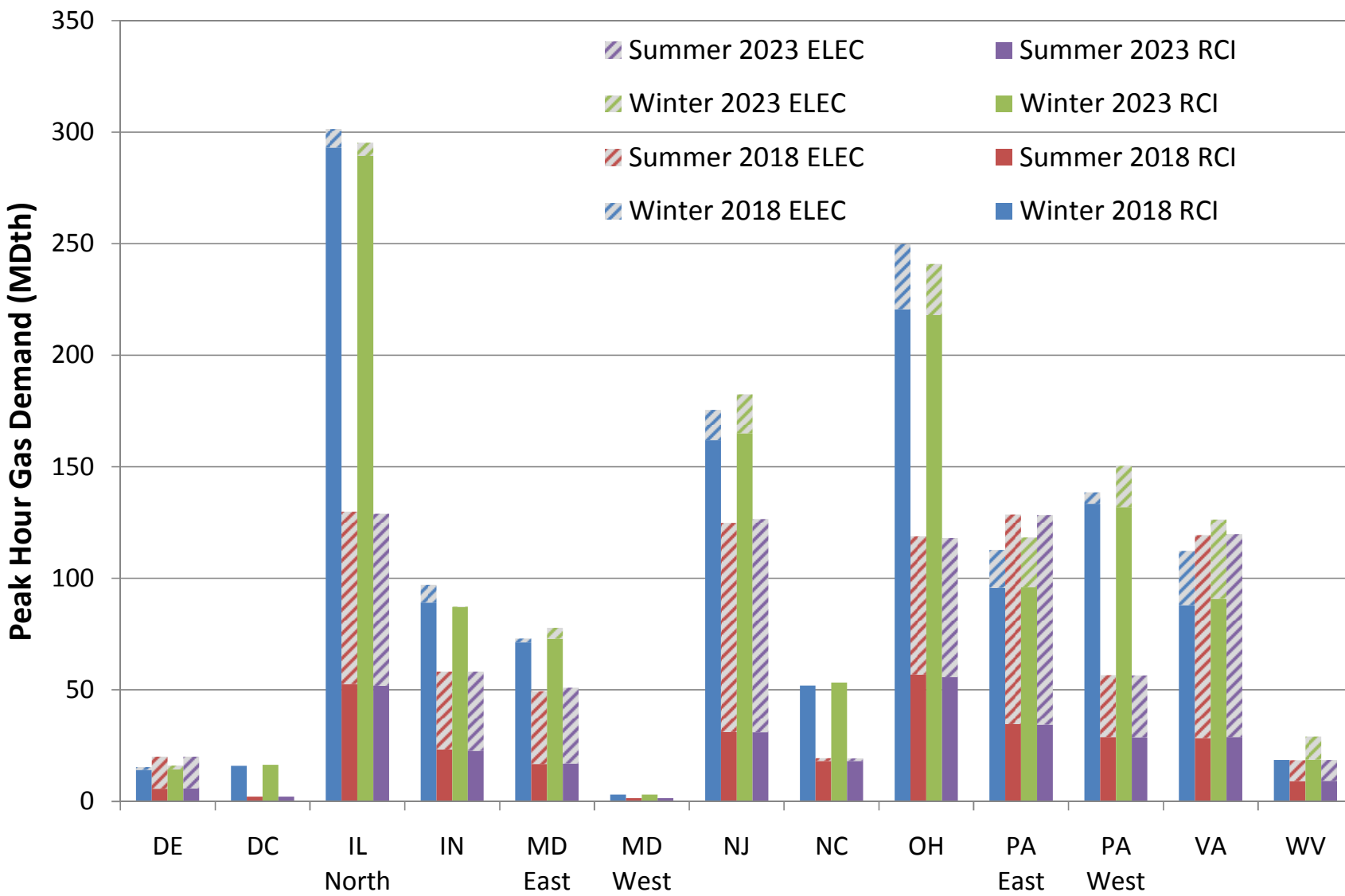


Figure E18-147. LGDS Roll-Up Total Peak Hour Gas Demand – TVA

