Memo

STATE OF RHODE ISLAND
ENERGY EFFICIENCY & RESOURCE MANAGEMENT COUNCIL

To: EERMC
From: Sam Ross / C-Team
CC: Becca Trietch / OER
Date: June 18, 2020
Subject: Rhode Island Market Potential Study Updated Demand Response Results

CONSULTANT TEAM

I. INTRODUCTION

This memo summarizes changes to the Rhode Island Market Potential Study's Demand Response module. The changes to estimated savings potential are relatively minor and result from feedback delivered by National Grid in response to the draft potential study report. The feedback identified areas for improvement and therefore, the Dunsky Energy Consulting team conducted an updated demand response analysis for Rhode Island.

II. UPDATED RESULTS

Table 1, below, shows the original and updated demand response maximum achievable potential. The key changes between the original and updated results consisted primarily of modifications to individual measure inputs, including measure costs. As costs were a focus, and the changes were isolated to a subset of the measures modeled, the savings potential results are only modestly different. Though costs were not part of the target-setting process, it is worth noting that the overall costs associated with the maximum achievable demand response potential were roughly one third lower in the updated results.

Table 1. Current Demand Response Targets and Updated Maximum Achievable Potential, 2021-2023

Year	Current Targets (MW)	Updated Results (MW)
2021	33.9	32.9
2022	52.7	51.5
2023	74.5	73.6

III. NEXT STEPS

While the updated results are likely a more appropriate reference point for planning processes going forward, the Consultant Team believes these changes are sufficiently small that, even if formally adopted as new targets, they are unlikely to materially affect demand response program planning decisions. This, in addition to the non-binding nature of the Targets recommended by the Energy Efficiency and Resource Management Council (EERMC) and approved by the PUC, suggests that it may be acceptable to simply provide notice of these updated results to the PUC without formally refiling targets.