FY17 NJ Protocol Updates Summary of Changes

Organization	Section	Revision	Page	Notes
CLEAResult	Residential Electric HVAC	Updated baseline for ASHP	20	14 SEER, 8.2 HSPF based on new standard
CLEAResult	Residential Gas HVAC	Revised baseline for Water Heaters	27	Adjsuted up based on new standard
CLEAResult	Residential New Construction	Updated REM/Rate Reference Home Definitions	43	Updated for new building code
ICF	EE Products	Added ENERGY STAR Gas Clothes Dryers - Tier 2	49	New measure addition
ICF	EE Products	Added ENERGY STAR Room AC Tier 1	49	Revised measure
ICF	EE Products	Added ENERGY STAR Room AC Tier 2	49	Revised measure
ICF	EE Products	Added ENERGY STAR Room Air Purifier	49	New measure addition
ICF	EE Products	Added ENERGY STAR Freezer	50	New measure addition
ICF	EE Products	Added ENERGY STAR Sound Bar	50	New measure addition
ICF	EE Products	Revised ENERGY STAR CFLS, standard vs specialty	56	Adjusted baseline based on Lumens
ICF	EE Products	Removed Torchieres and Fixtures	58	
ICF	EE Products	Added LED Fixture Wattage Tables	59	Adjusted baseline based on Lumens
ICF	Appliance Recycling	Added RAC Recycling	65	New measure addition
ICF	Appliance Recycling	Added Dehumidifier Recycling	65	New measure addition
TRC	Commercial and Industrial Energy Efficient Construction	Revised basline to ASHRAE 90.1-2013 for New Construction	68	Updated for new building code
TRC	Commercial and Industrial Energy Efficient Construction	Removed language referring to ARRA	69	No longer offered
TRC	Commercial and Industrial Energy Efficient Construction	Building shell measures are eligible through Custom and Pay for Performance	69	
TRC	Commercial and Industrial Energy Efficient Construction	Removed CFL from prescriptive lighting, no longer eligible	72	
TRC	Commercial and Industrial Energy Efficient Construction	Added LED for Lighting Controls	74	New measure addition
TRC	Commercial and Industrial Energy Efficient Construction	Revised baseline for motors	77	Updated for new building code
TRC	Commercial and Industrial Energy Efficient Construction	Added clarifying language to Electric HVAC Systems	80	
TRC	Commercial and Industrial Energy Efficient Construction	Revised baseline assumptions for Electric HVAC Systems	82	Updated for new building code
TRC	Commercial and Industrial Energy Efficient Construction	Revised baseline assumptions for Electric Chillers	88	Updated for new building code
TRC	Commercial and Industrial Energy Efficient Construction	Formatting adjustments to VFD language	90	
TRC	Commercial and Industrial Energy Efficient Construction	Revised baseline for Gas Chillers to ASHRAE 2013	101	Updated for new building code
TRC	Commercial and Industrial Energy Efficient Construction	Revised baseline for Water Heaters to ASHRAE 2013	105	Updated for new building code
TRC	Commercial and Industrial Energy Efficient Construction	Clarificaiton on inputs for prescriptive boilers	107	
TRC	Commercial and Industrial Energy Efficient Construction	Revised algorithm Infrared Heaters, Furnaces and Direct Install Boilers	108	
ICF	CHP-FC	Revised PJM Emissions Factors	113	
ICF	CHP-FC	Moved Sustainable Biomass to CHP-FC Section	114	To match program modification
TRC	Pay for Performance	Revised program eligibility criteria	115	Based on new program guidelines
TRC	Pay for Performance	Revised program savings requirements for existing vs new buildings	116	
TRC	Pay for Performance	Revised baseline conditions for existing buildings and new construction	117	
TRC	Direct Install	Revised equations for proper parenthesis for calculations	132	
TRC	Direct Install	Revised equations for proper parenthesis for calculations	138	
TRC	C&I Large Energy Users Incentive Program	Participants to refer to P4P protocols for existing buildings to determine savings	146	
AEG	C&I Customer-Tailored Energy Efficiency Pilot Program	New pilot program added	146	
ICF	Renewable Energy Program	Added sections for SRP and Non-SRP protocols	147	
ICF	Renewable Energy Program	Removed Grid Connected REP	147	
AEG	Measure Life	Added new measure appliance additions	148	
AEG	Measure Life	Removed ineligible lighting measures	148	