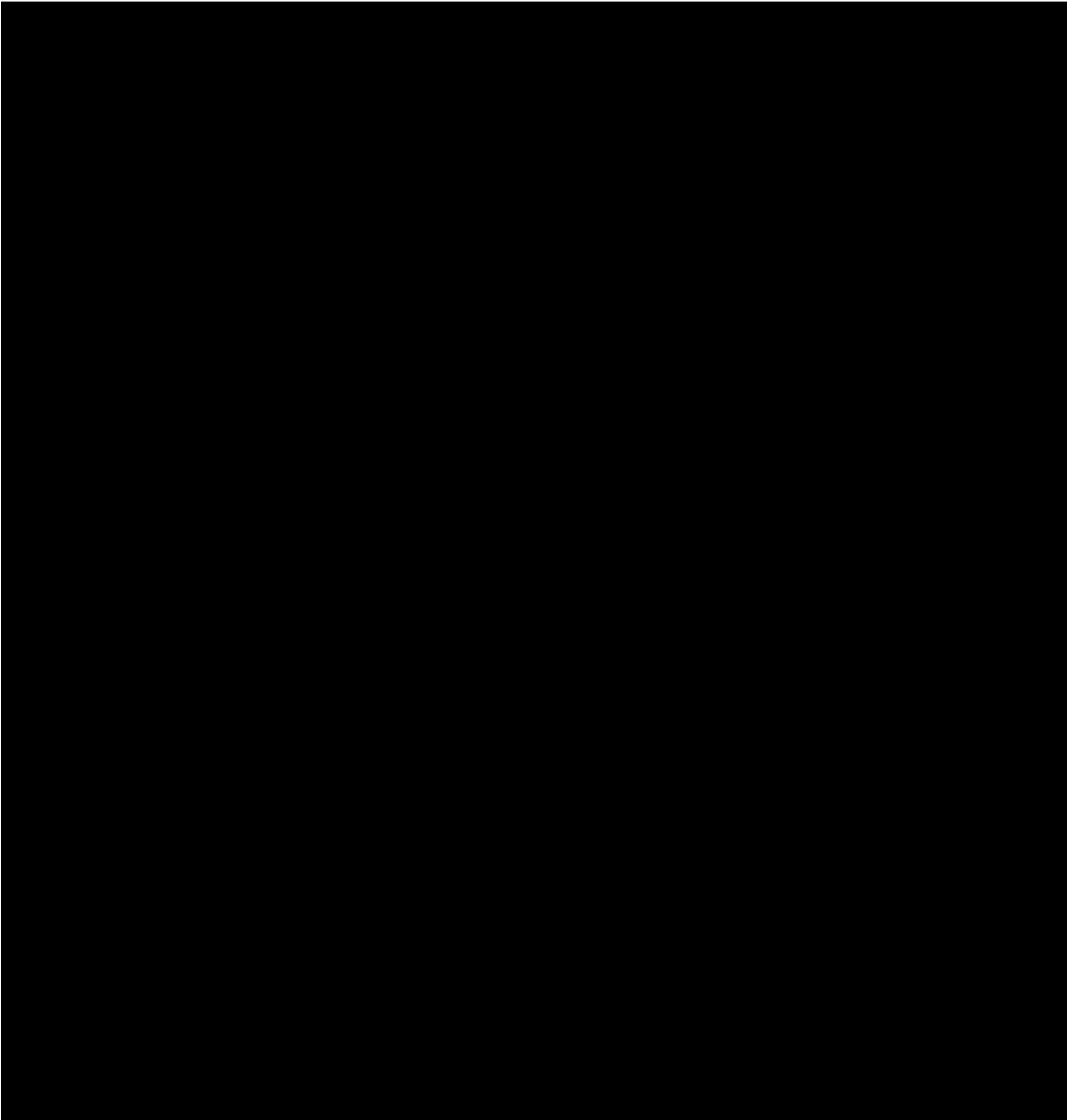


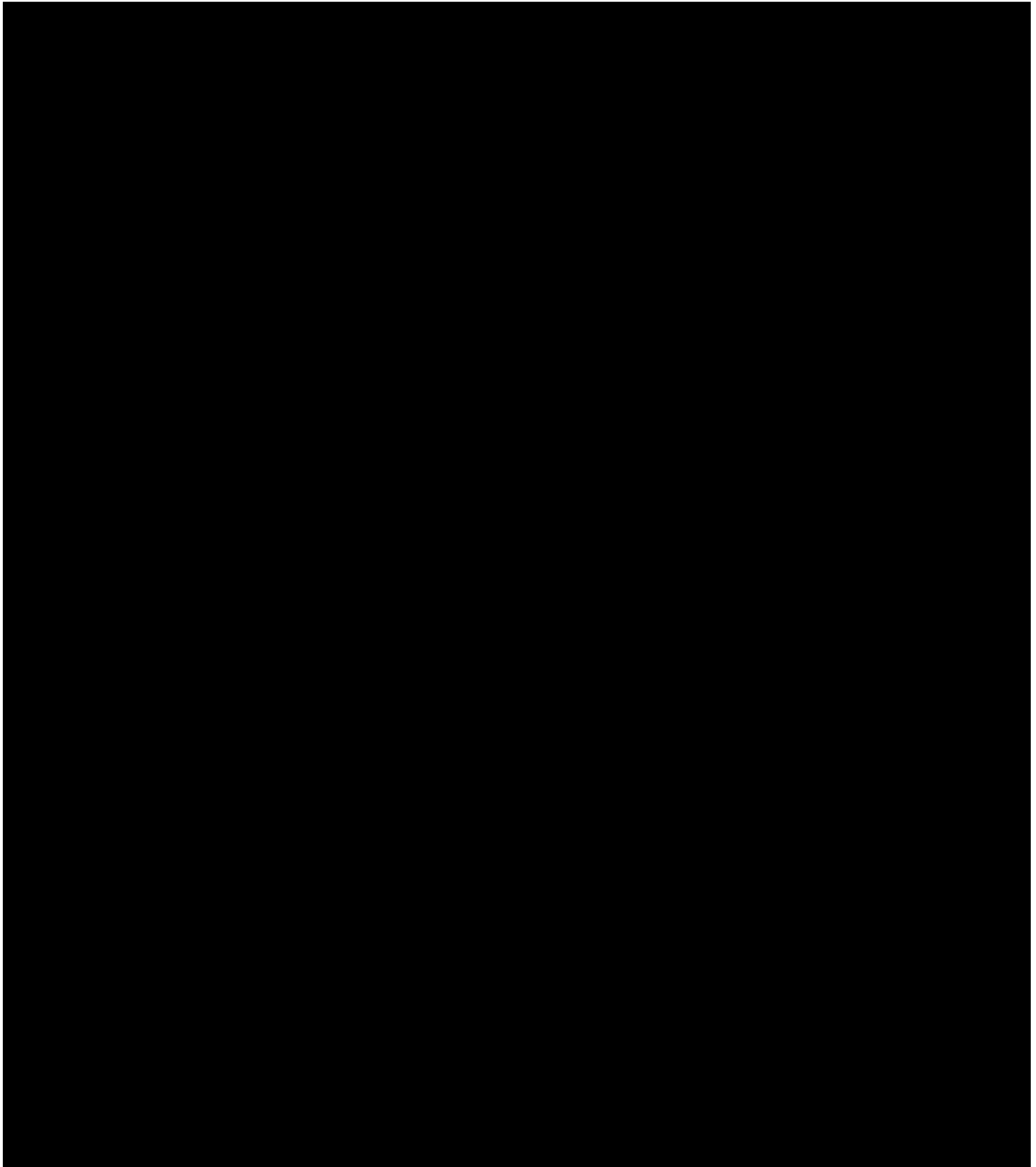


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT
Summer Weatherization Plan



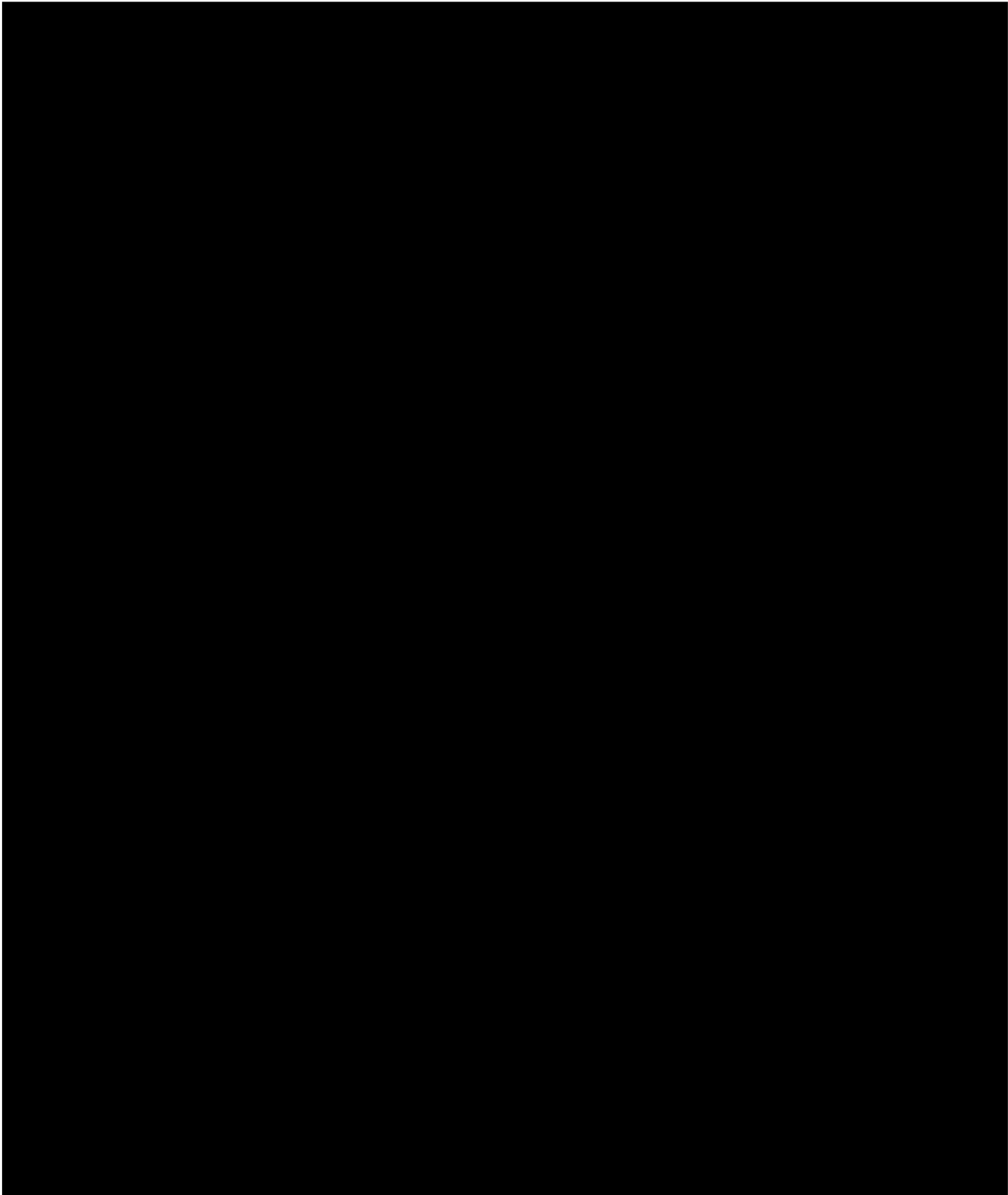


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Summer Weatherization Checklist



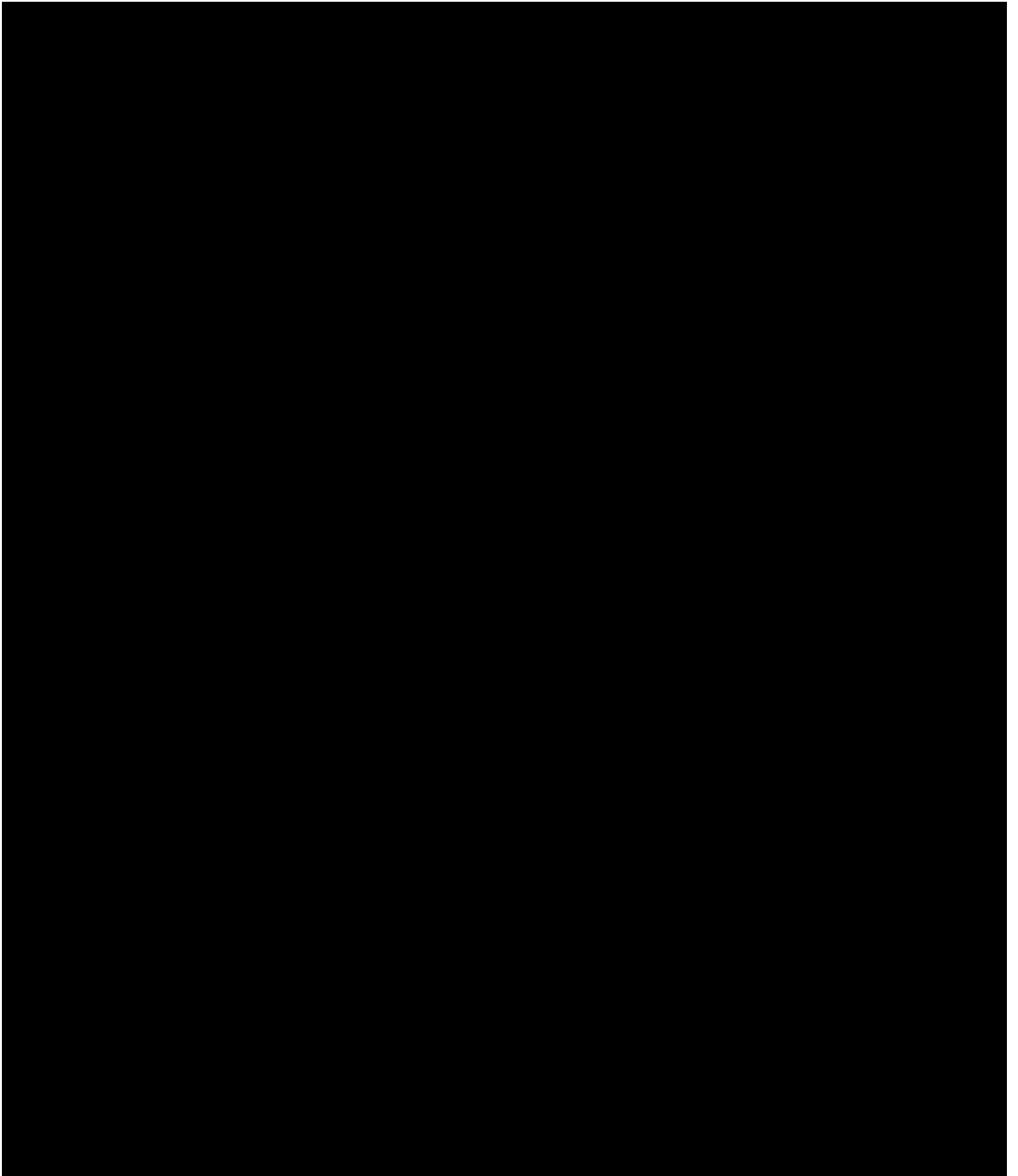


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Summer Weatherization Checklist



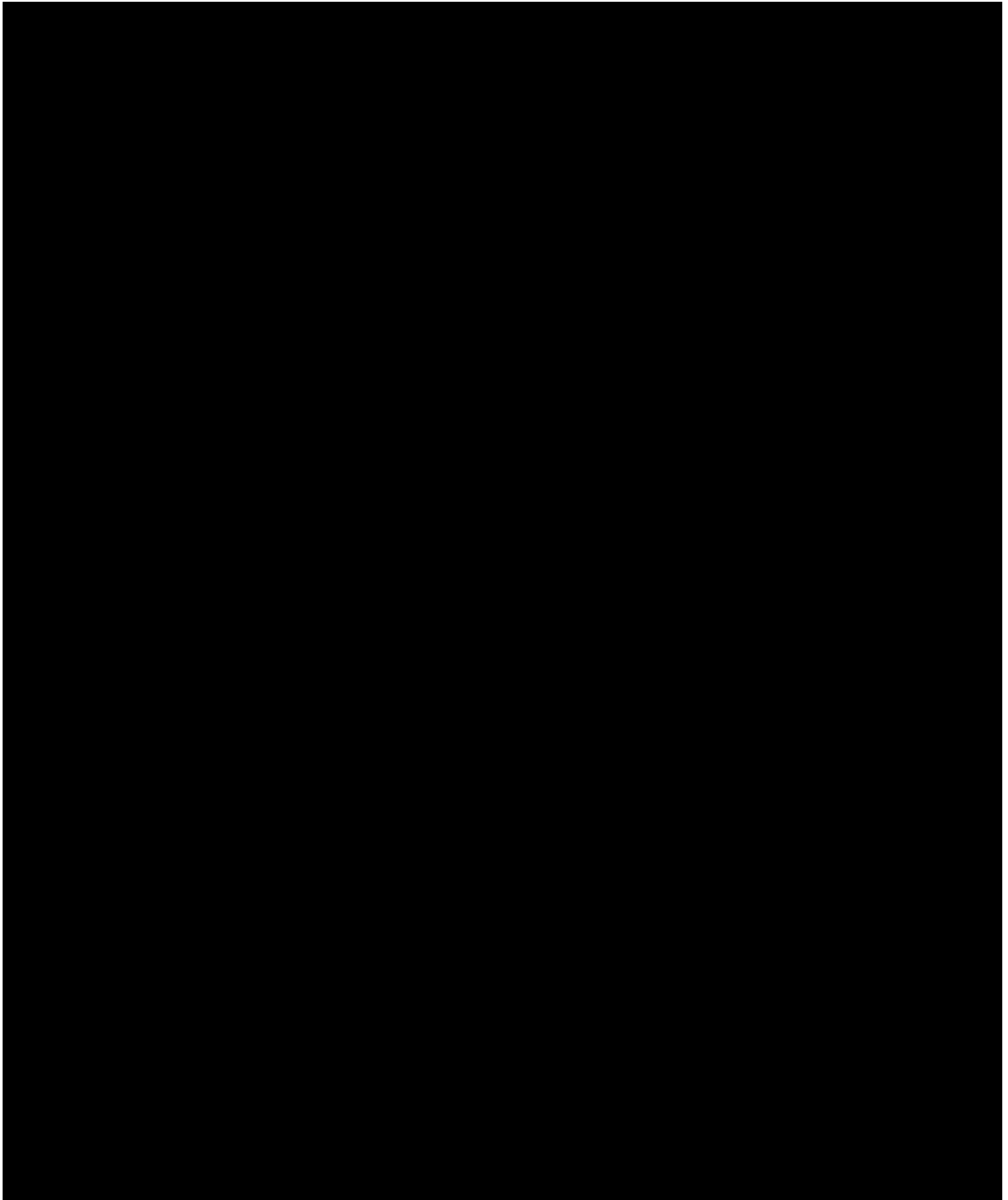


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Summer Weatherization Checklist



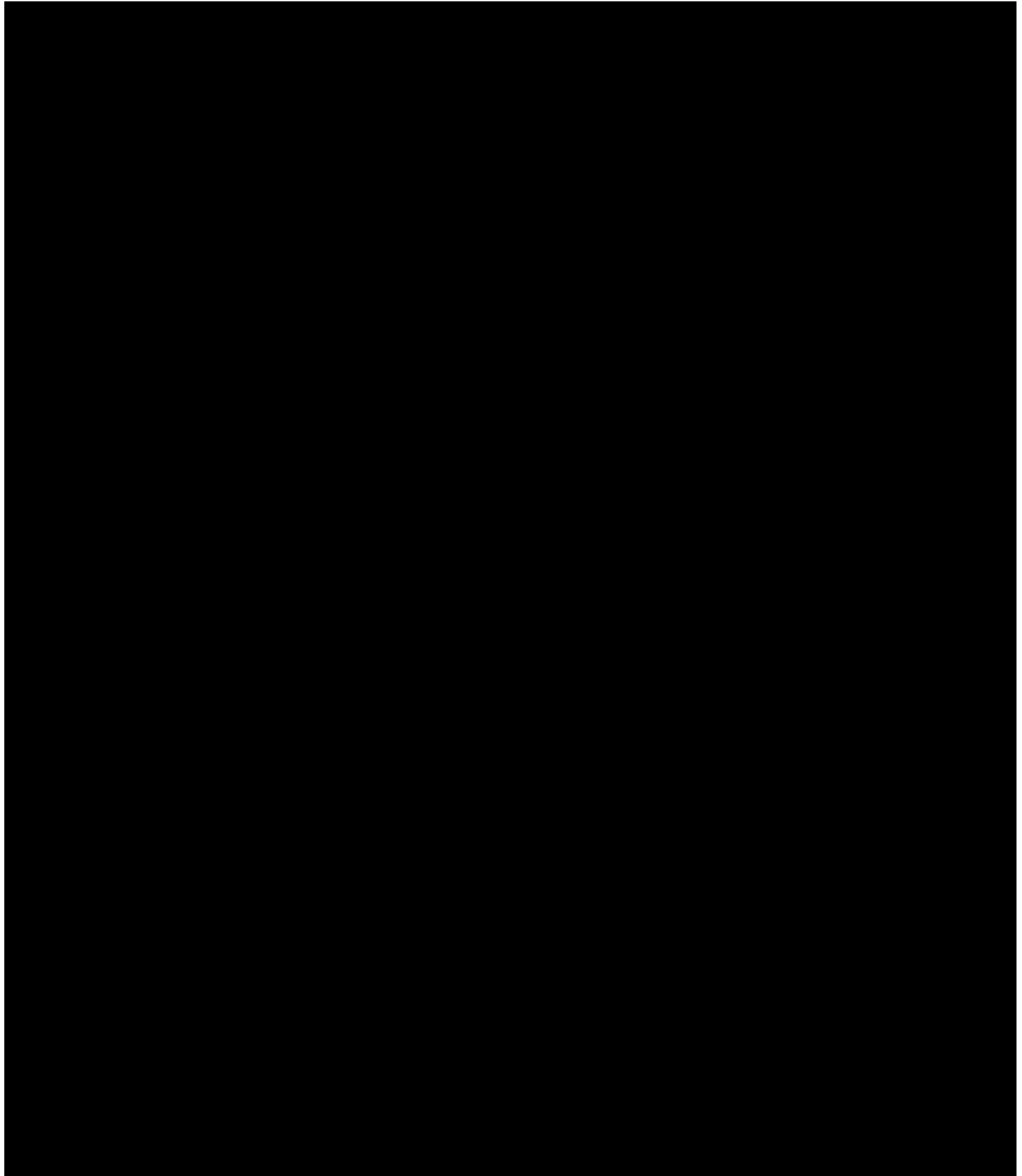


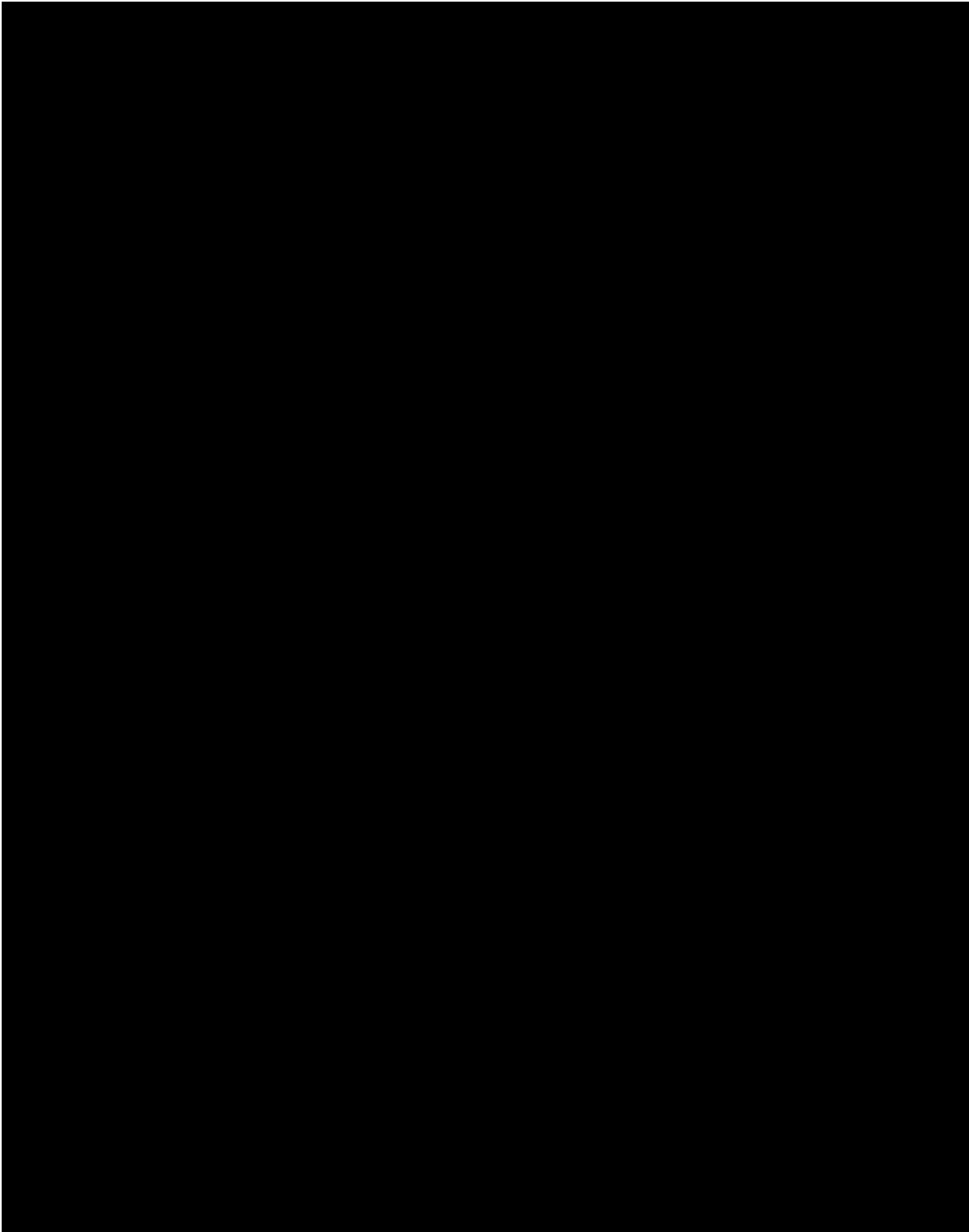
SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Summer Weatherization Checklist





SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Summer Weatherization Checklist







SOUTH TEXAS ELECTRIC COOPERATIVE

RED GATE POWER PLANT

Summer Weatherization Plan

1. PURPOSE / SCOPE

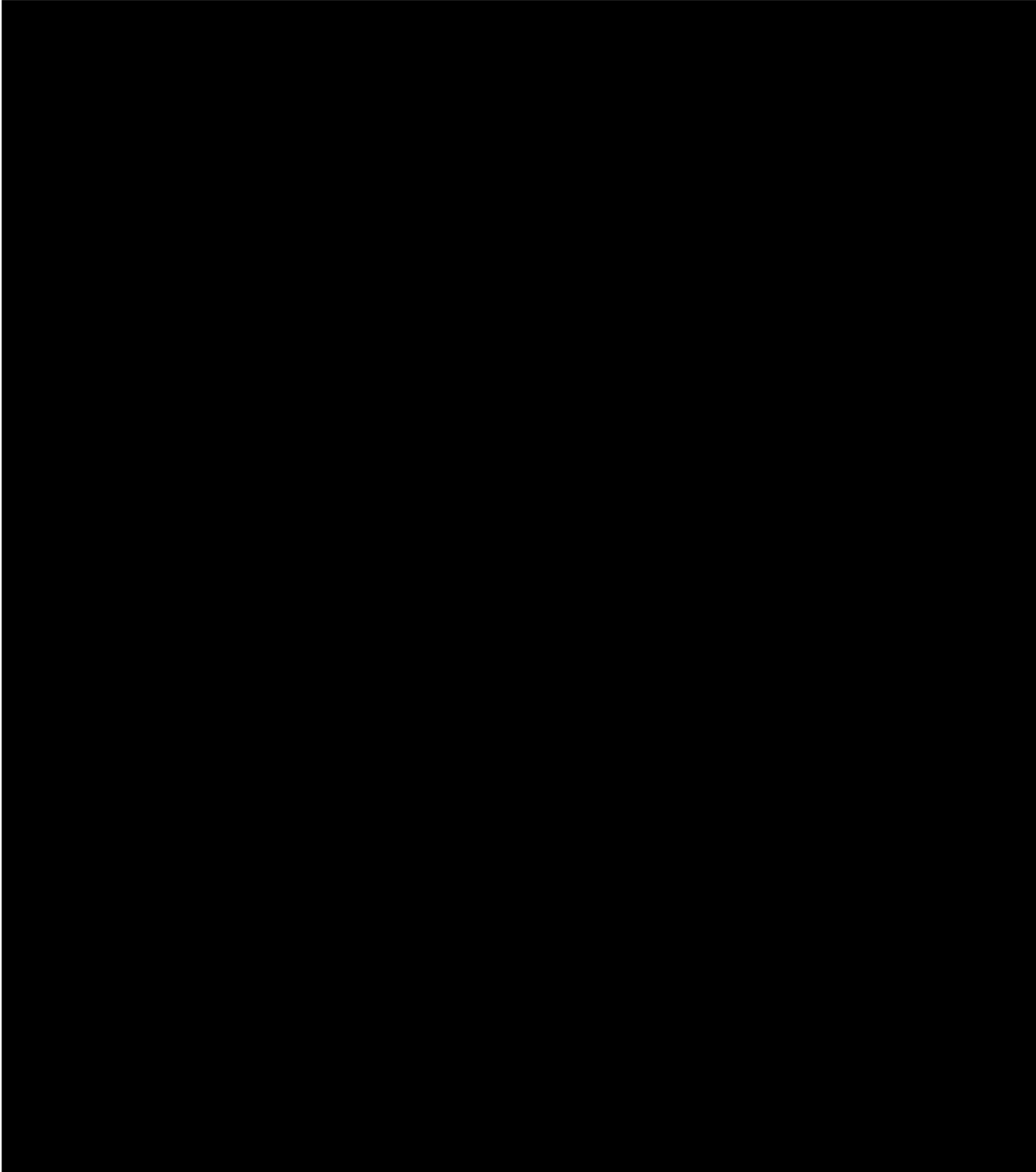
The purpose of this procedure is to prepare and protect the STEC Red Gate Power Plant and the South Texas Solar Power (STSP) solar arrays on the Red Gate Power Plant property for the events of extreme heat or severe weather to ensure the safe and reliable operation of the facility. Section 7.7 describes the procedures and actions taken by STEC personnel immediately prior to and during a hot weather emergency event,

2. DEFINITIONS

High Ambient Temperatures – Ambient temperatures greater than or equal to 100°F.

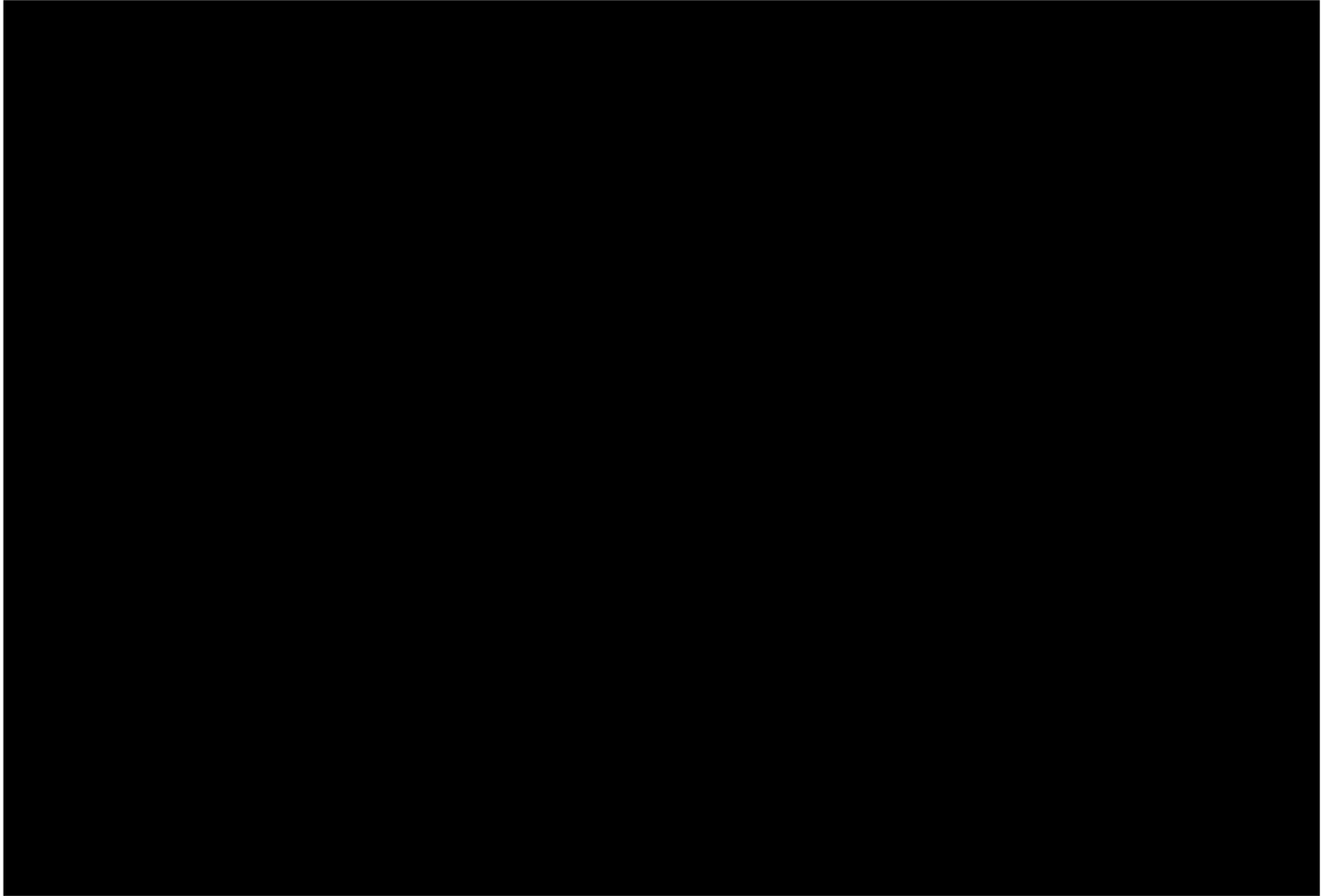


SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT
Summer Weatherization Plan



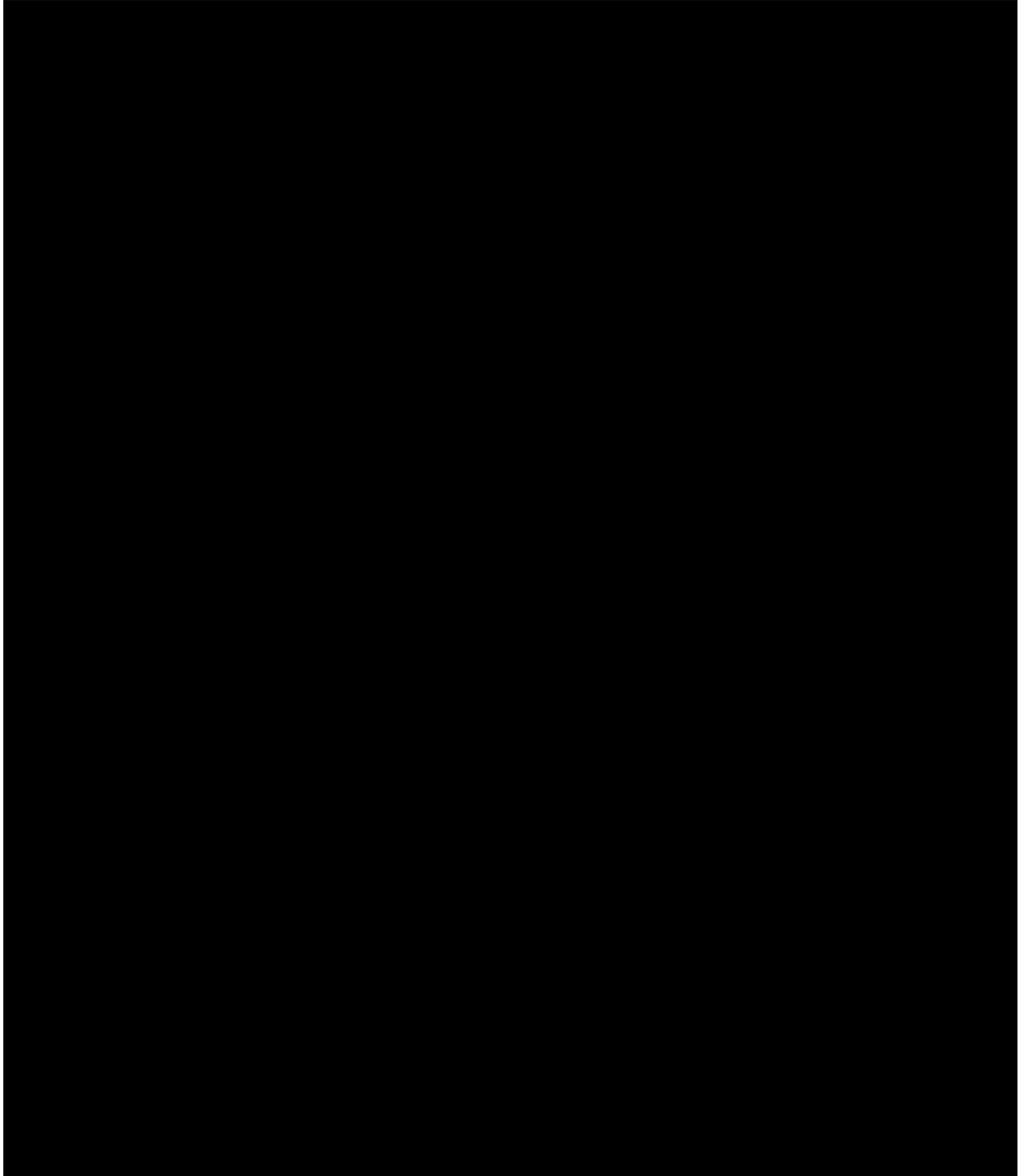


SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT
Summer Weatherization Plan



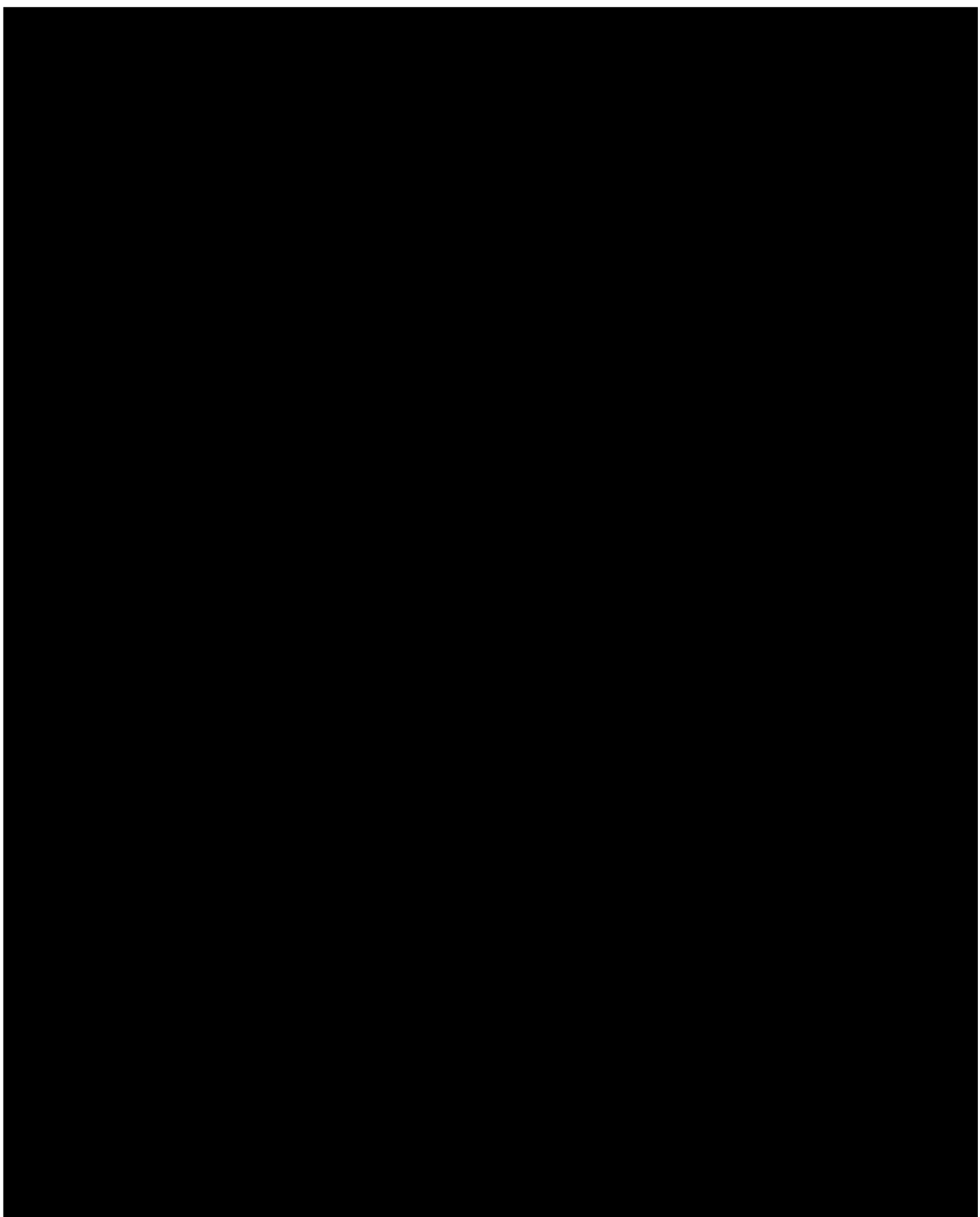


SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT
Summer Weatherization Plan



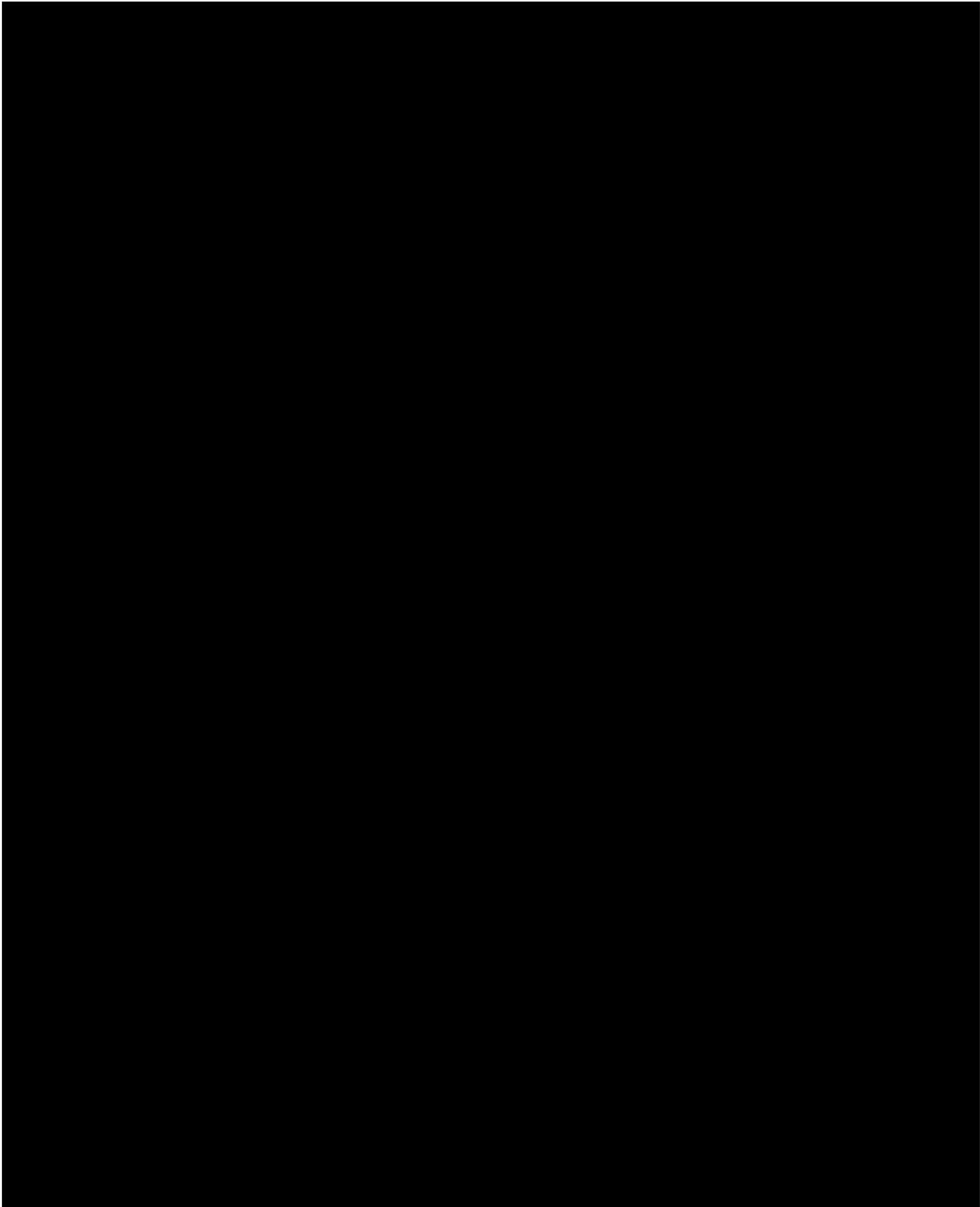


SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT/STSP FACILITIES
Summer Weatherization Checklist



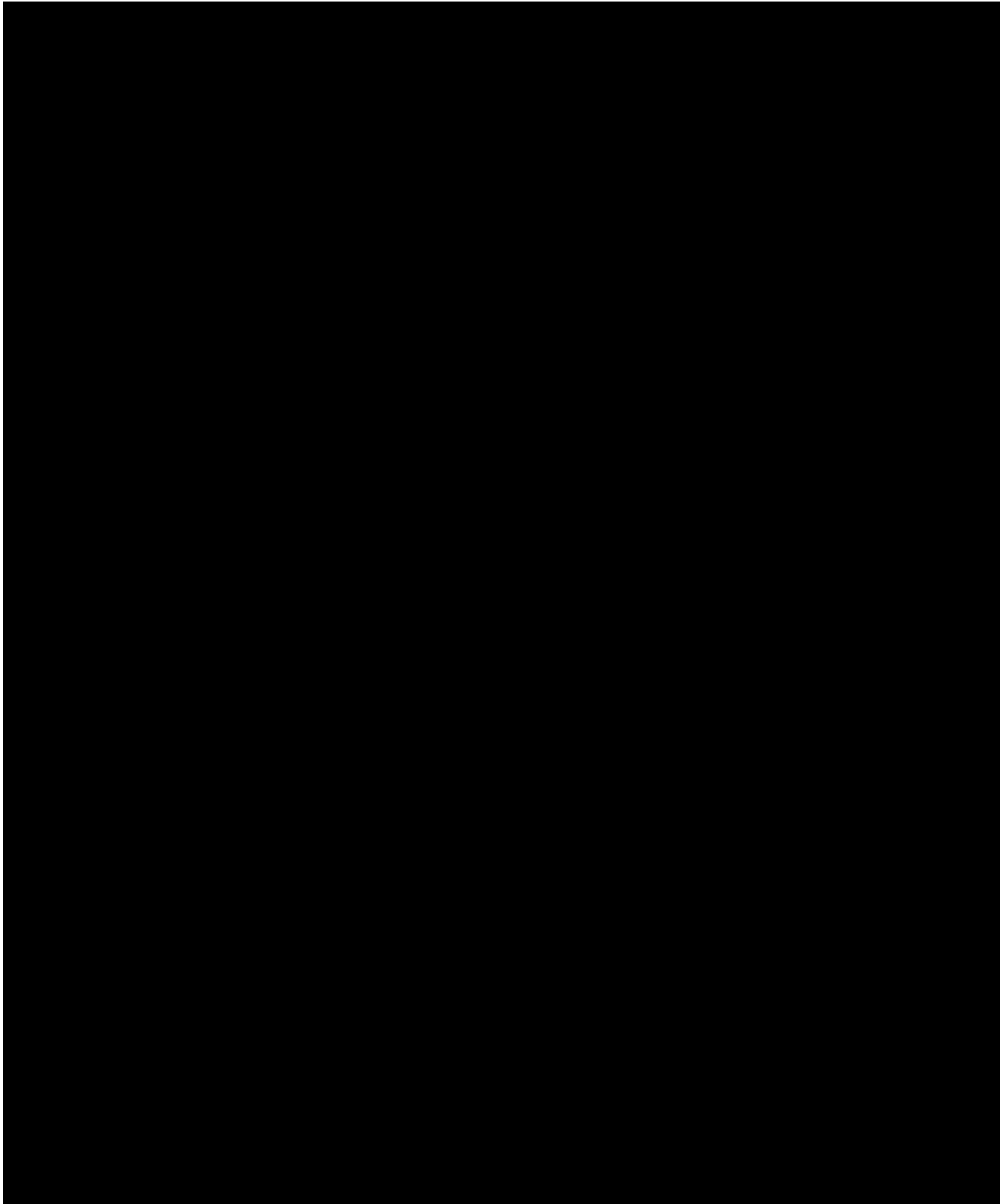


SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT
Summer Weatherization Checklist



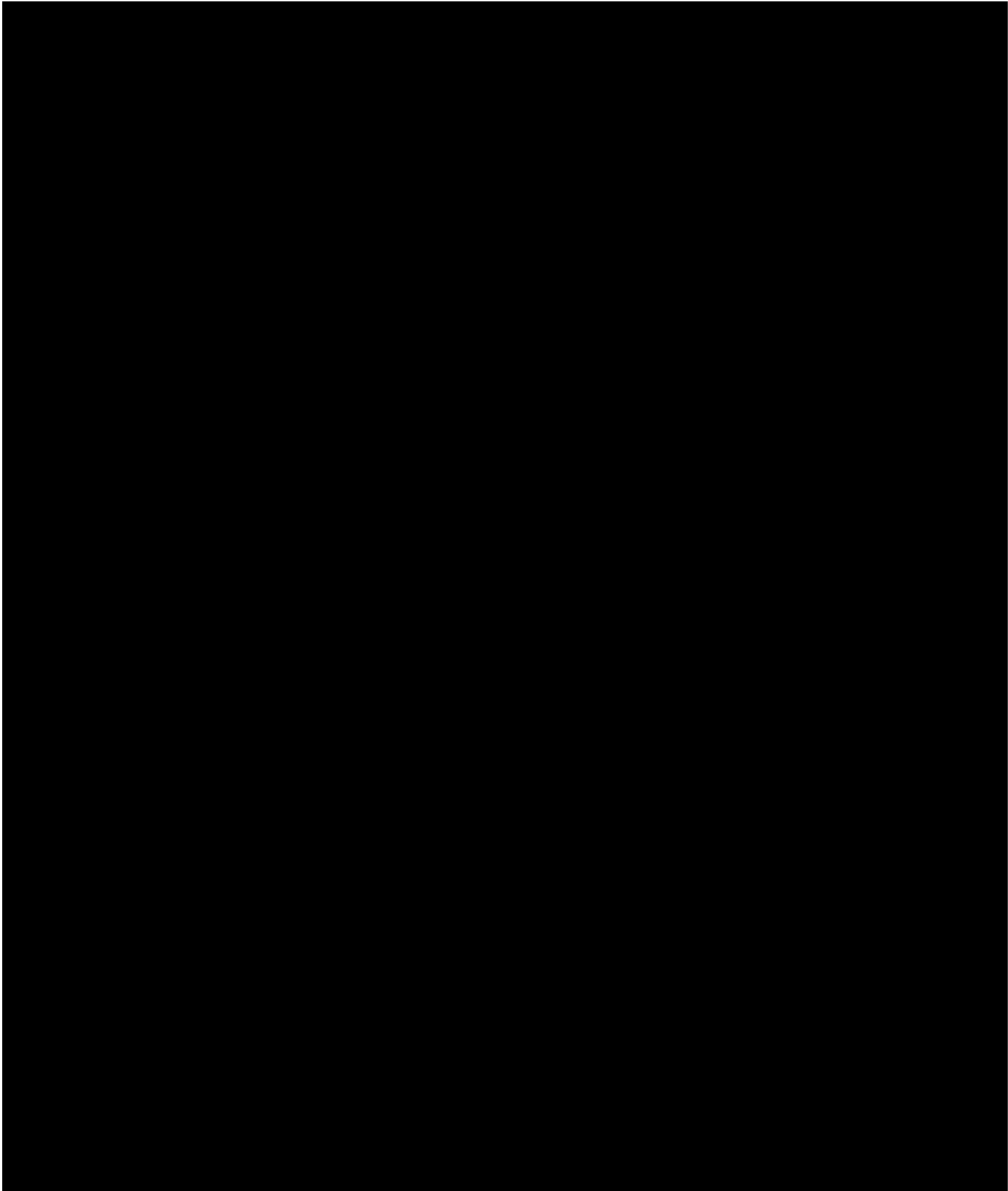


SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT
Summer Weatherization Checklist



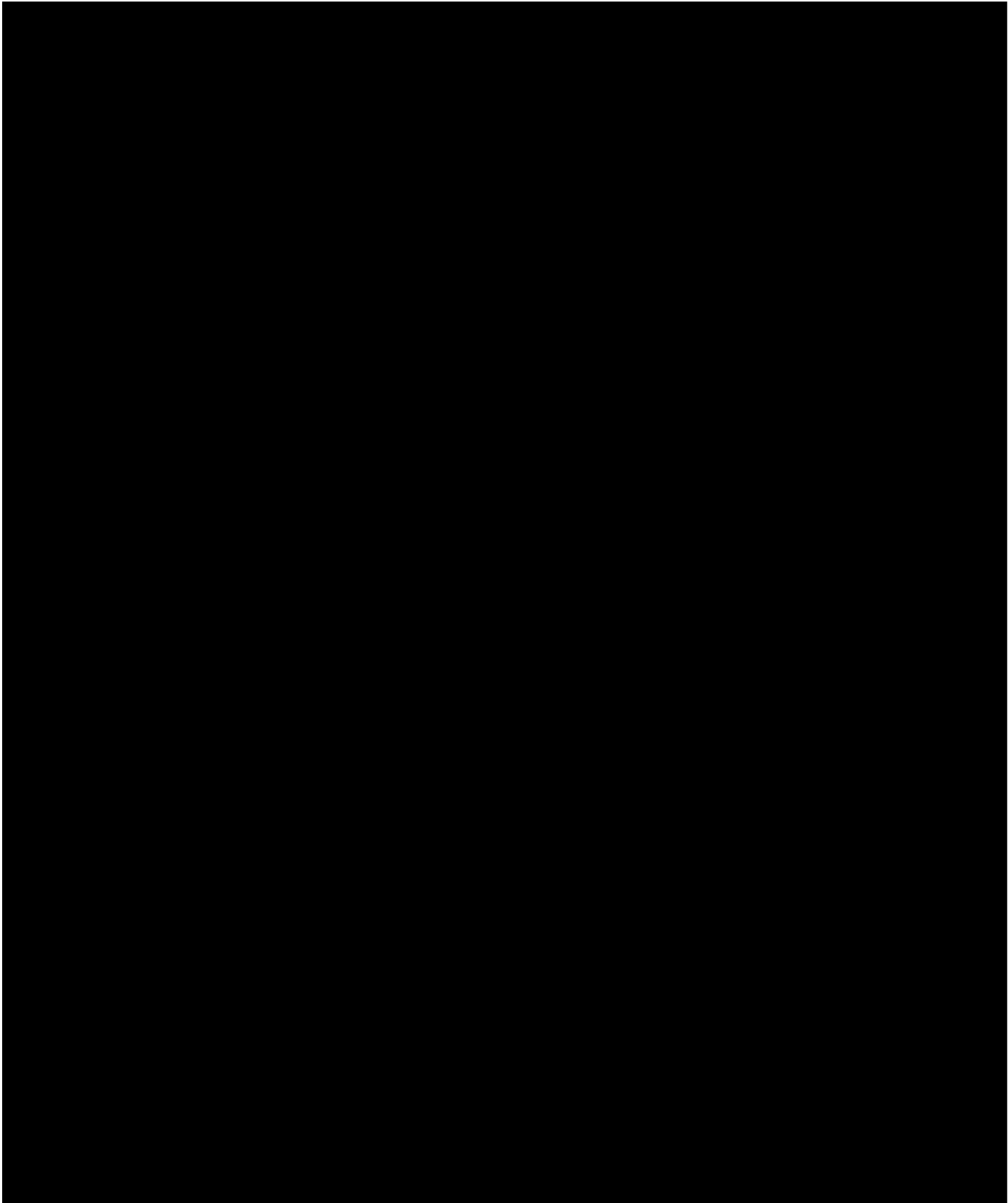


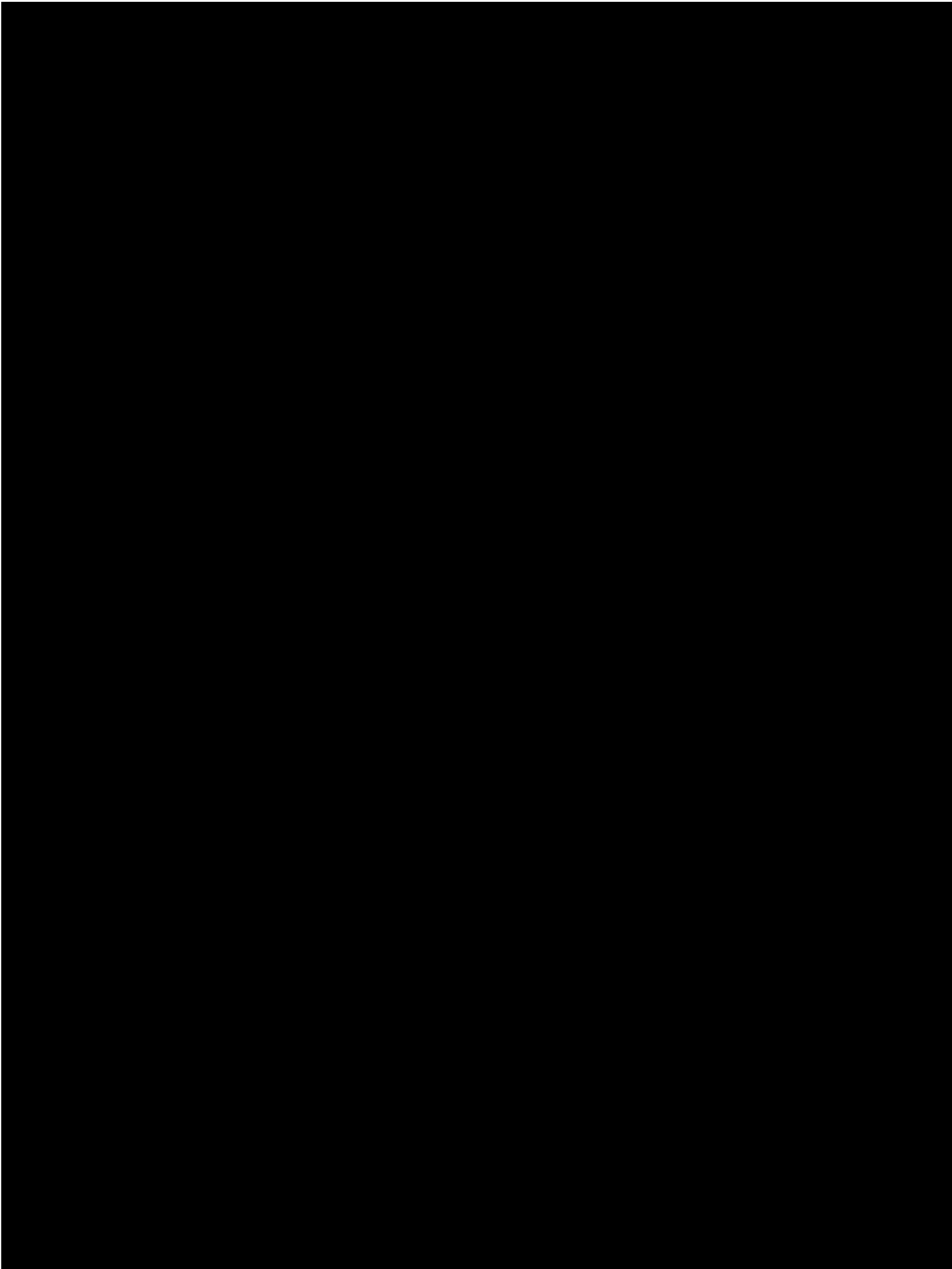
SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT
Summer Weatherization Checklist

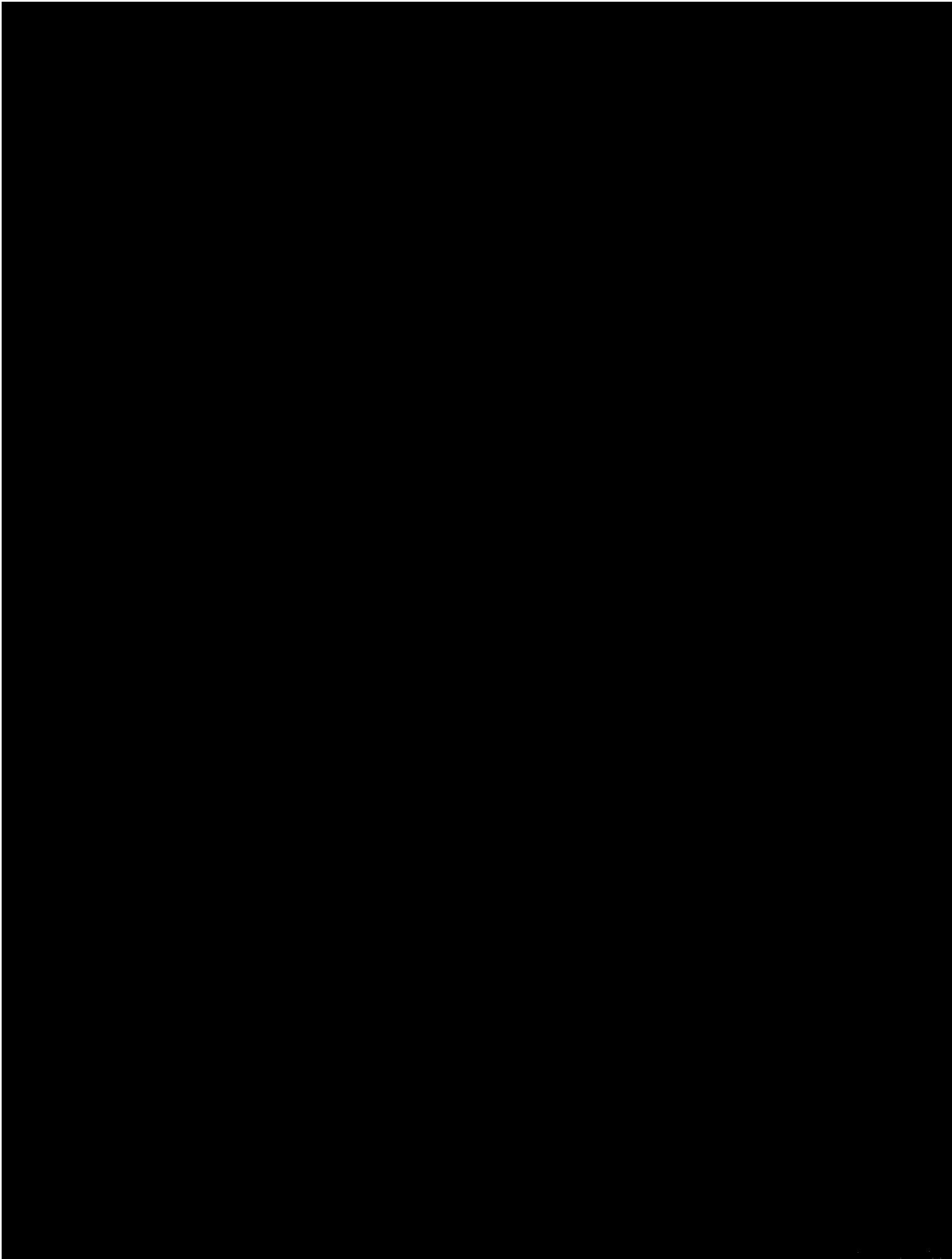




SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT//STSP FACILITIES
Summer Weatherization Checklist









SOUTH TEXAS ELECTRIC COOPERATIVE

SAM RAYBURN POWER PLANT

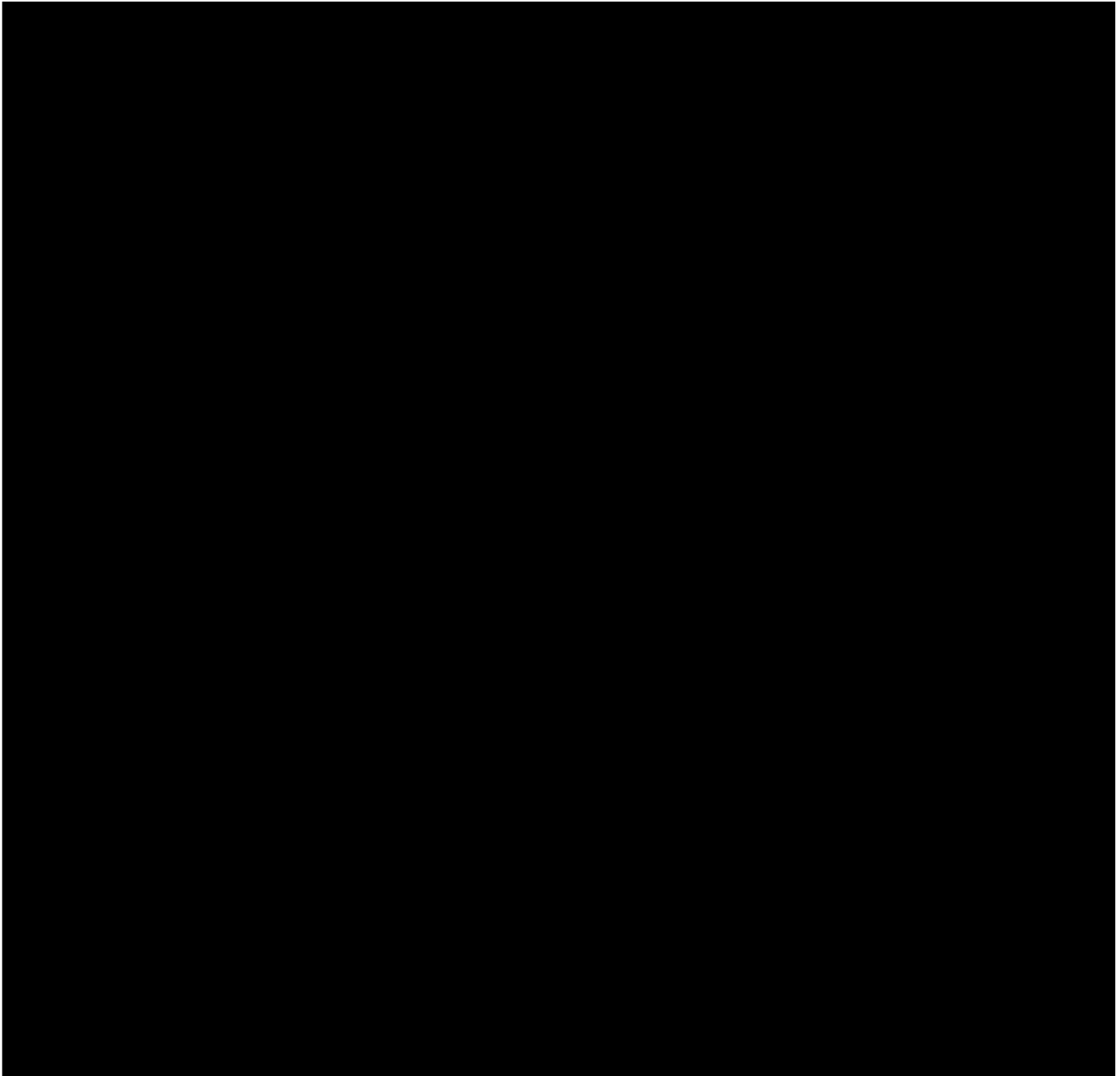
Summer Weatherization Plan

1. PURPOSE/SCOPE

The purpose of this plan is to outline the actions to be taken in preparation for the summer season and in the event that there are high ambient temperatures at the STEC Sam Rayburn Power Plant facilities. Sections 7.4 and 7.5 describe the procedures and actions taken by STEC personnel immediately prior to and during a hot weather emergency event.

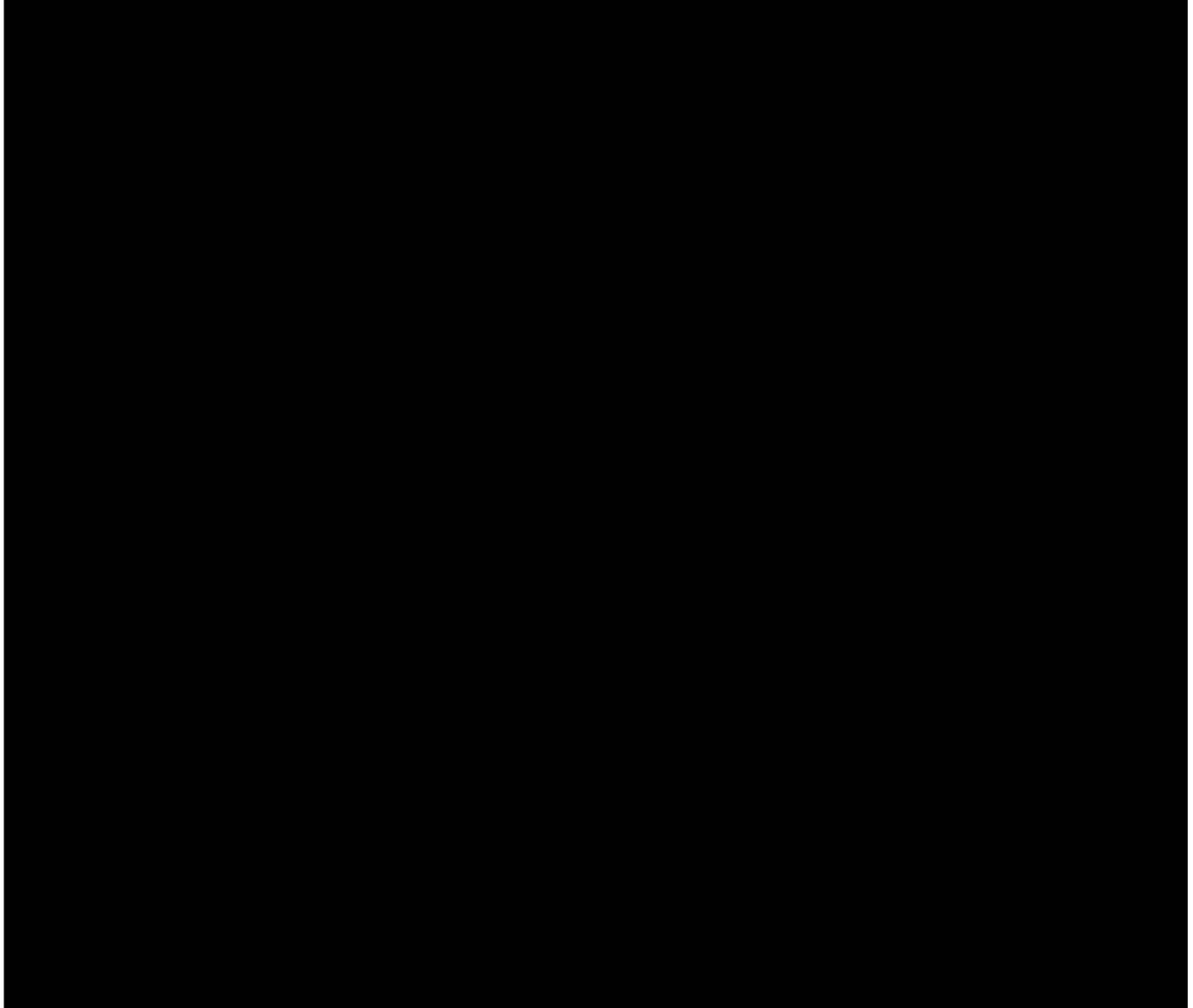
2. DEFINITIONS

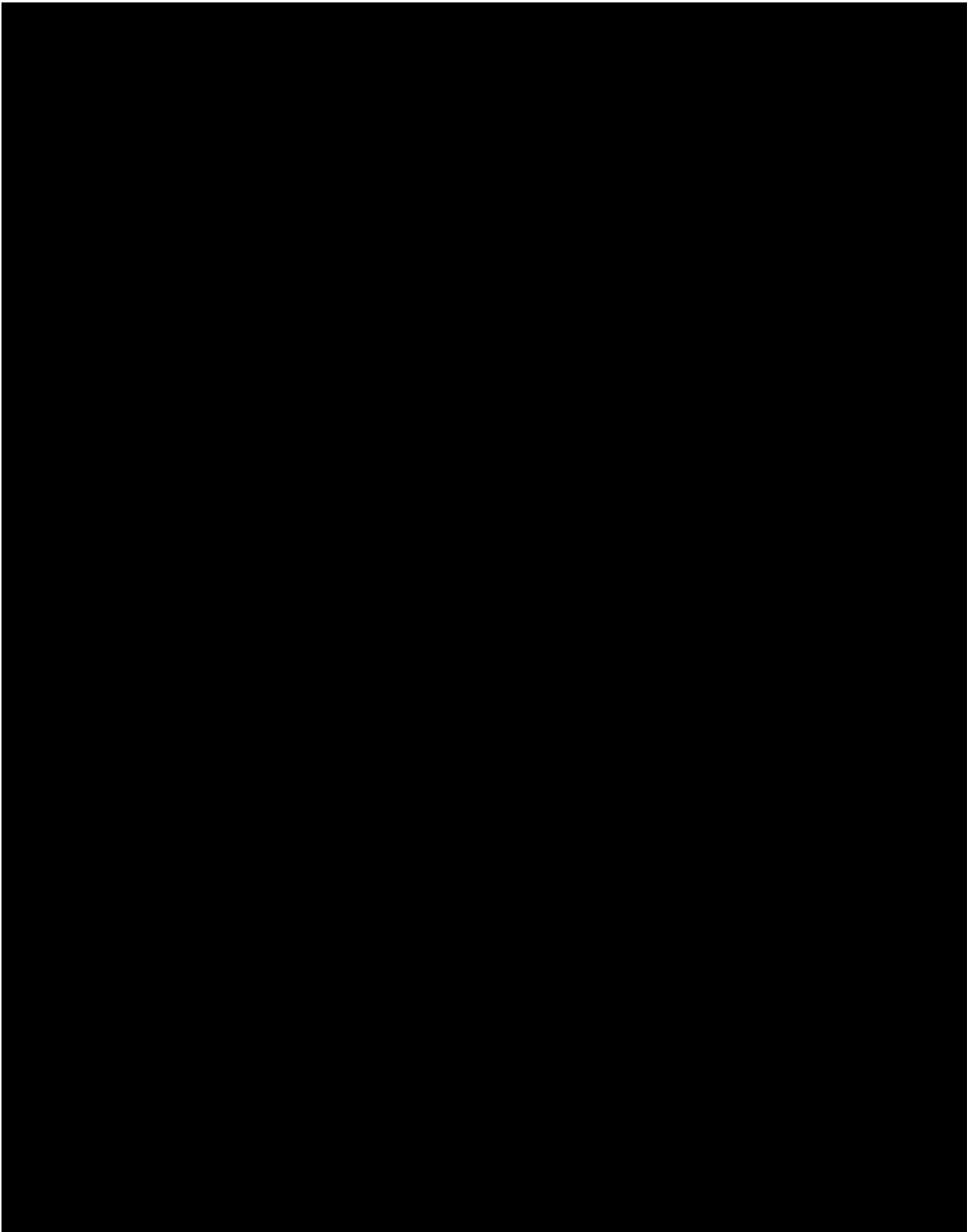
2.1. High Ambient Temperatures – Ambient temperatures greater than or equal to 100°F.





SOUTH TEXAS ELECTRIC COOPERATIVE
SAM RAYBURN POWER PLANT
Summer Weatherization Plan

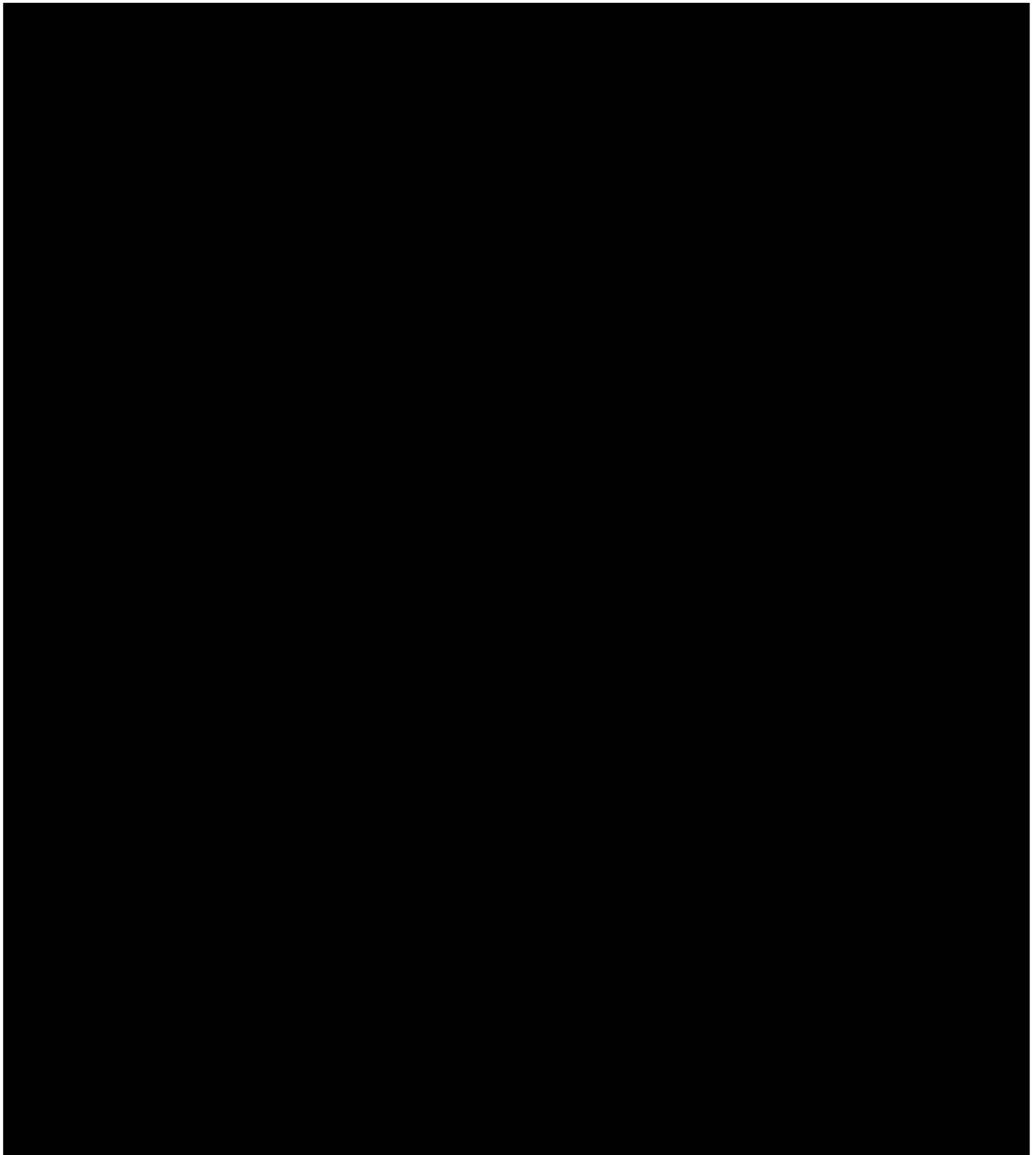






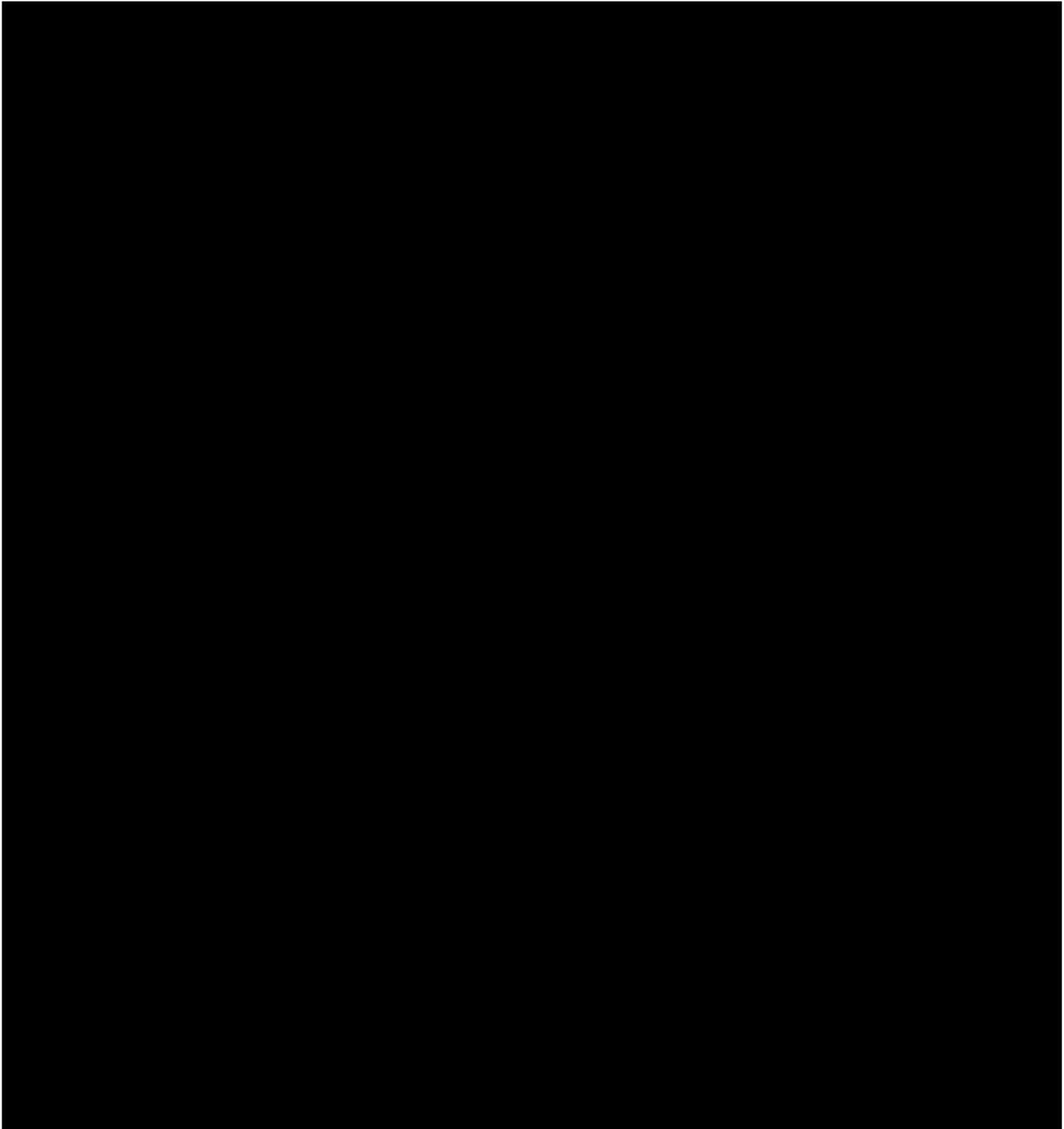


SOUTH TEXAS ELECTRIC COOPERATIVE
SAM RAYBURN POWER PLANT
Summer Weatherization Checklist



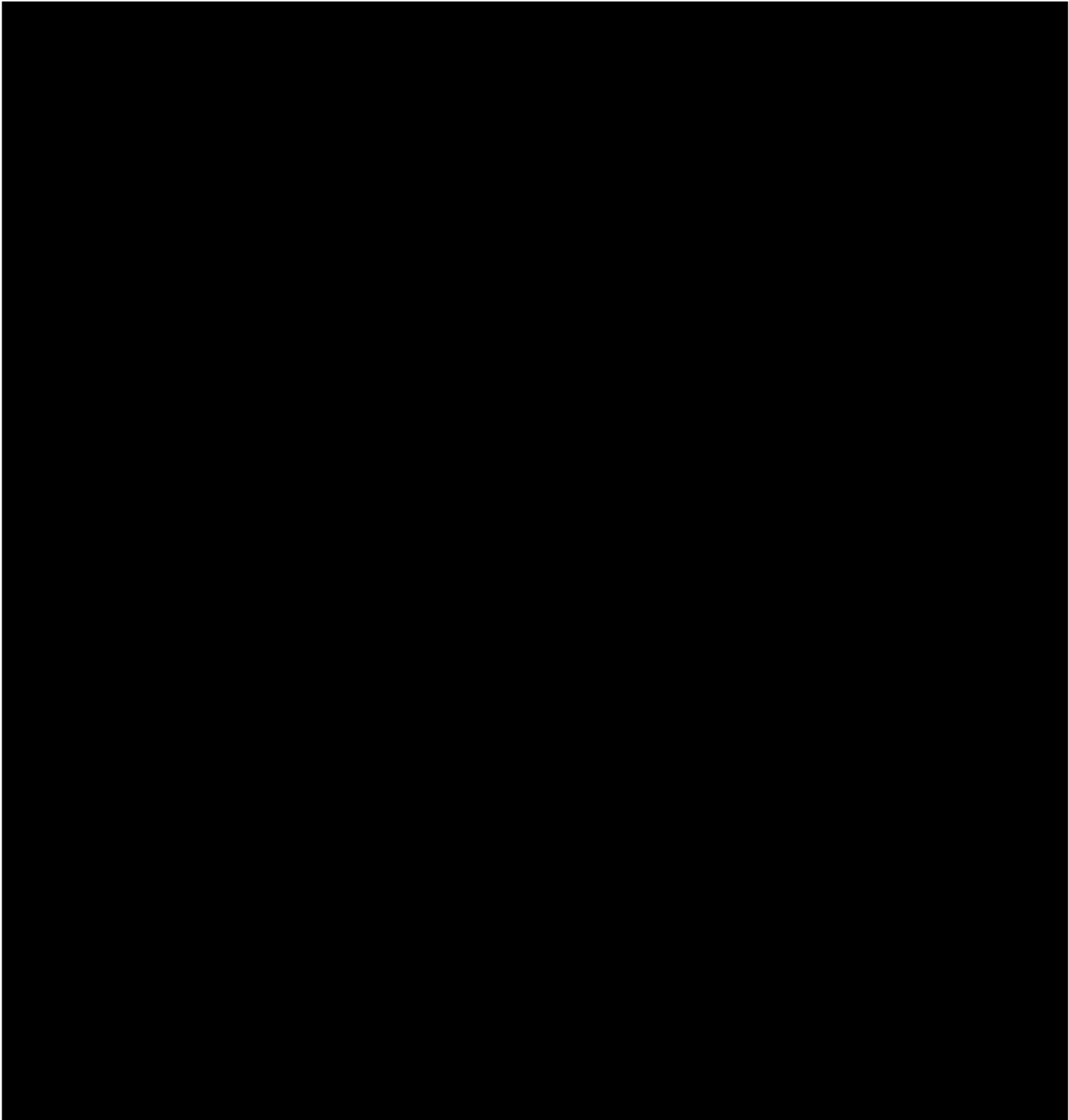


SOUTH TEXAS ELECTRIC COOPERATIVE
SAM RAYBURN POWER PLANT
Summer Weatherization Checklist





SOUTH TEXAS ELECTRIC COOPERATIVE
SAM RAYBURN POWER PLANT
Summer Weatherization Checklist





SOUTH TEXAS ELECTRIC COOPERATIVE

PEARSALL POWER PLANT

Winter Weatherization Plan

1. PURPOSE / SCOPE

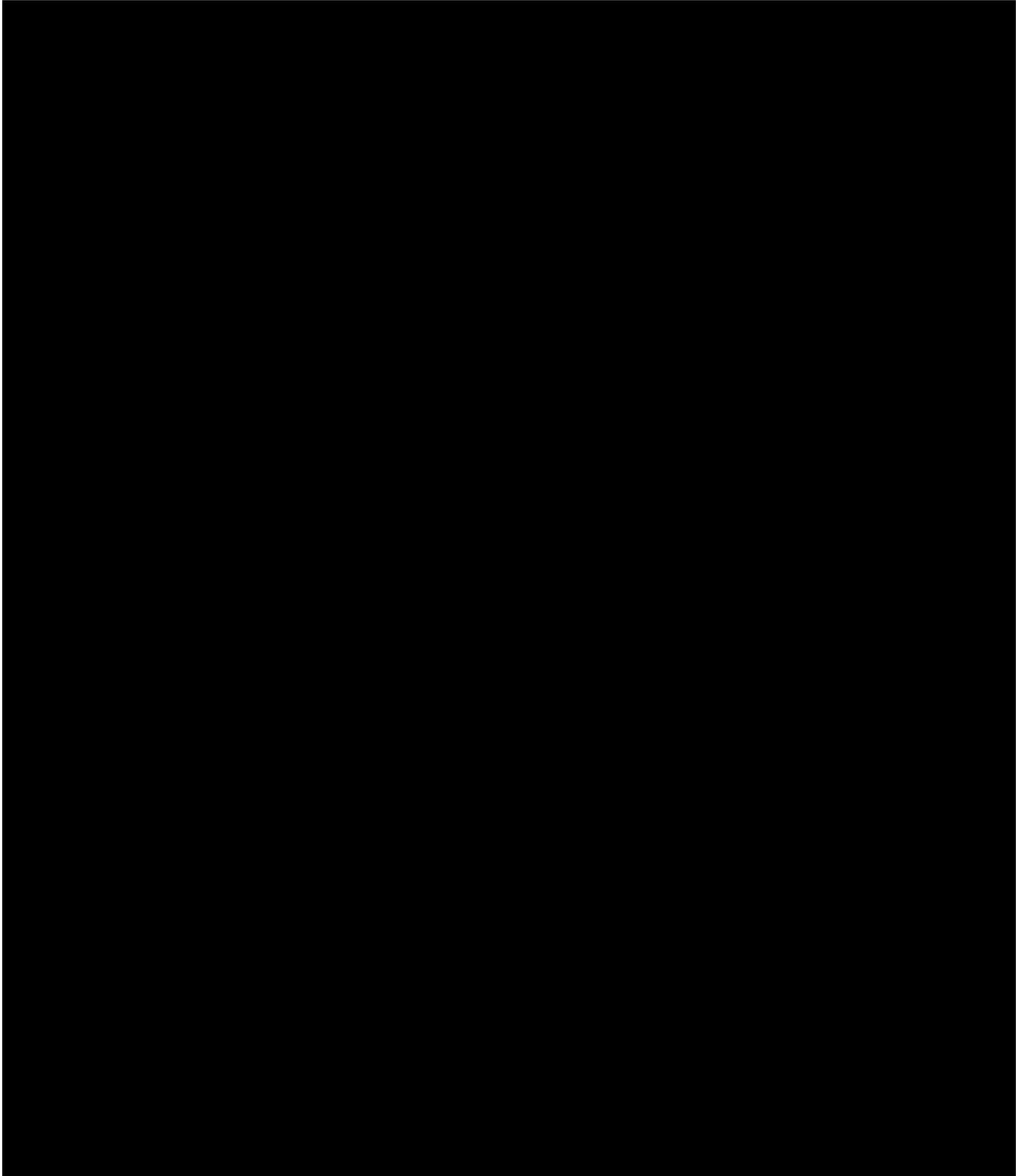
The purpose of this procedure is to prepare and protect the STEC Pearsall Power Plant and the South Texas Solar Power (STSP) solar arrays on the Pearsall Power Plant property for the events of extreme cold and severe winter weather storms to ensure the safe and reliable operation of the facility. Sections 7.5 to 7.8 describe the procedures and actions taken by STEC personnel immediately prior to and during a cold weather emergency event,

2. DEFINITIONS

2.1. Freezing Temperatures – Temperatures equal or below 32°F (including wind chill).

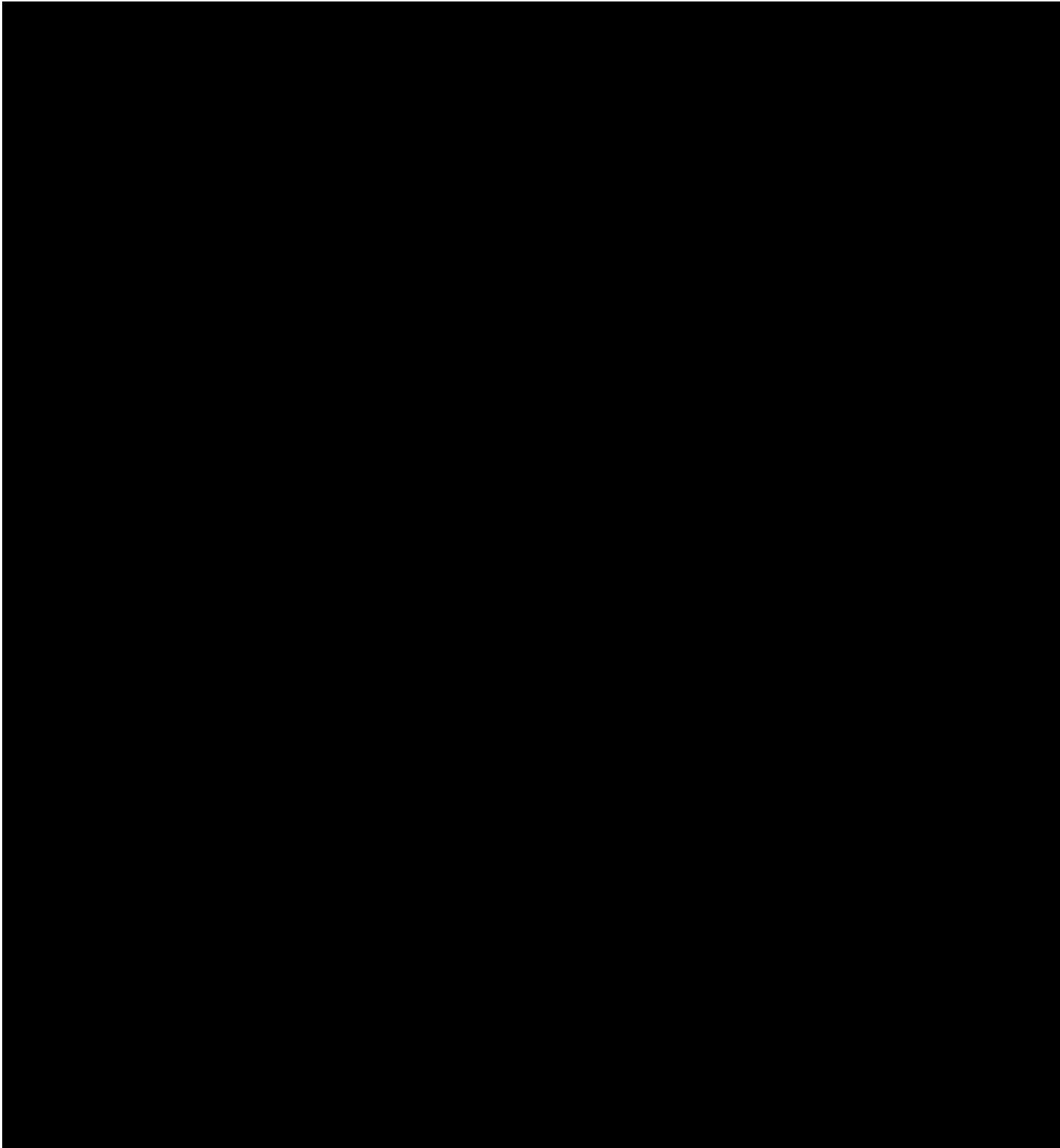


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT
Winter Weatherization Plan



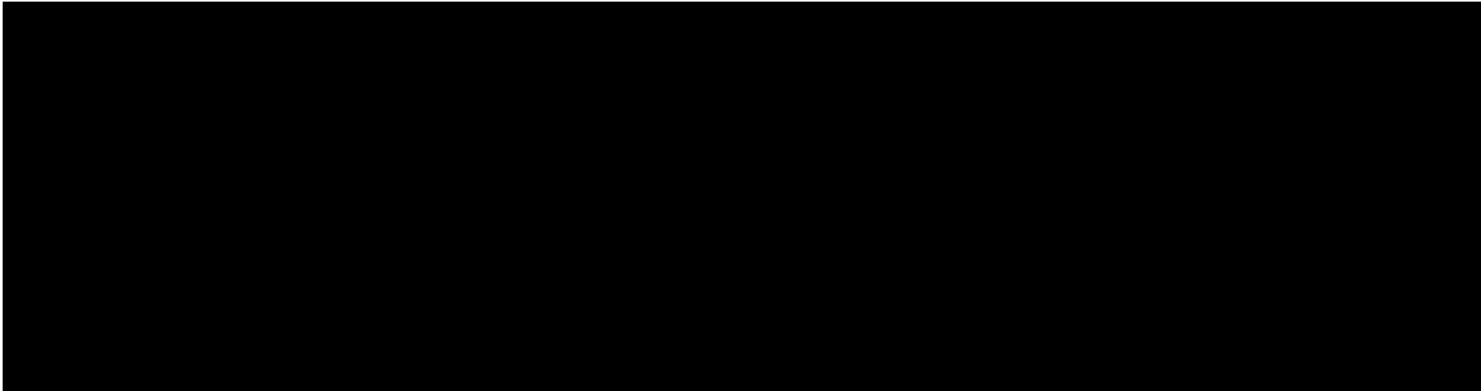


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT
Winter Weatherization Plan



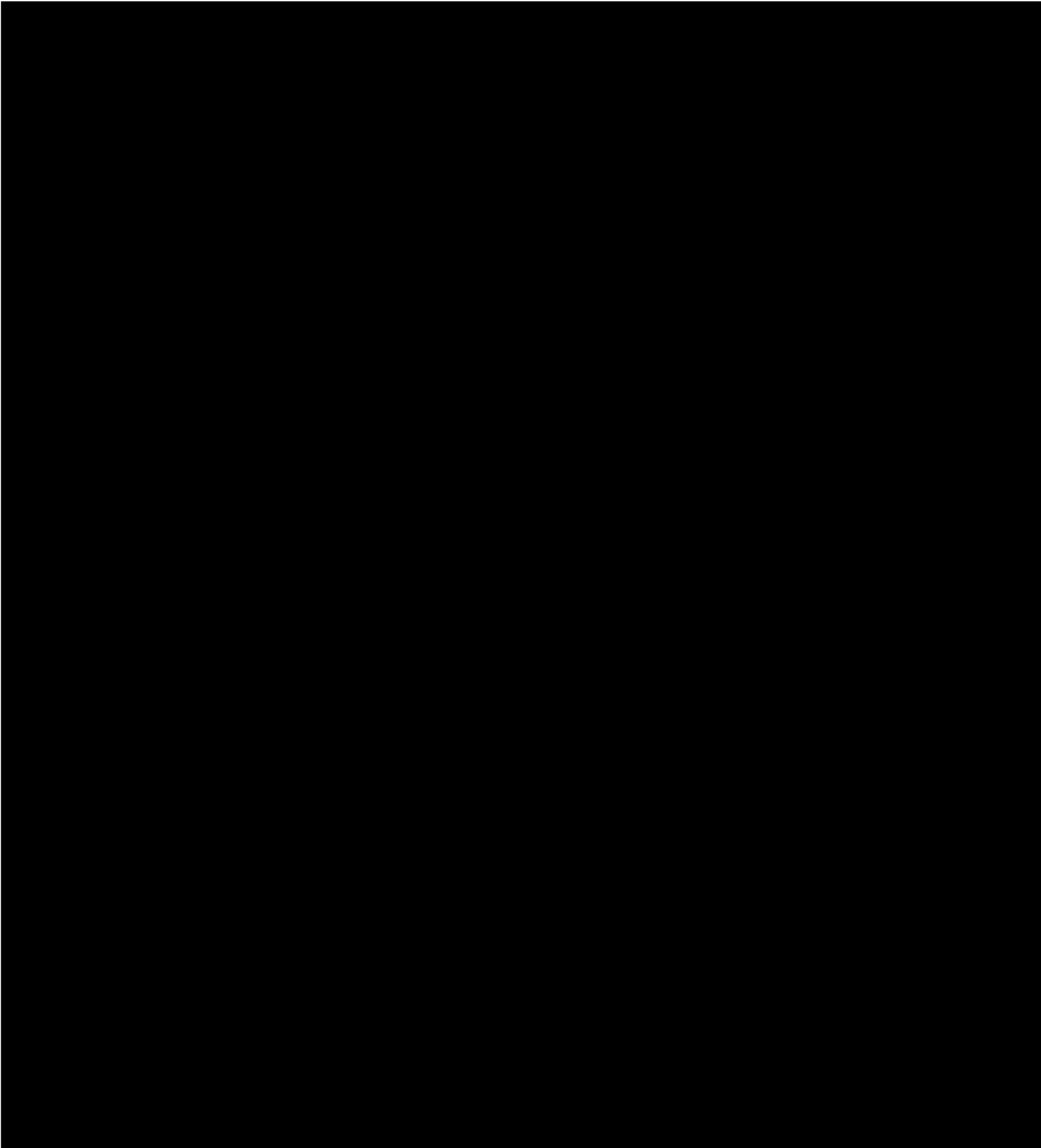


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT
Winter Weatherization Plan



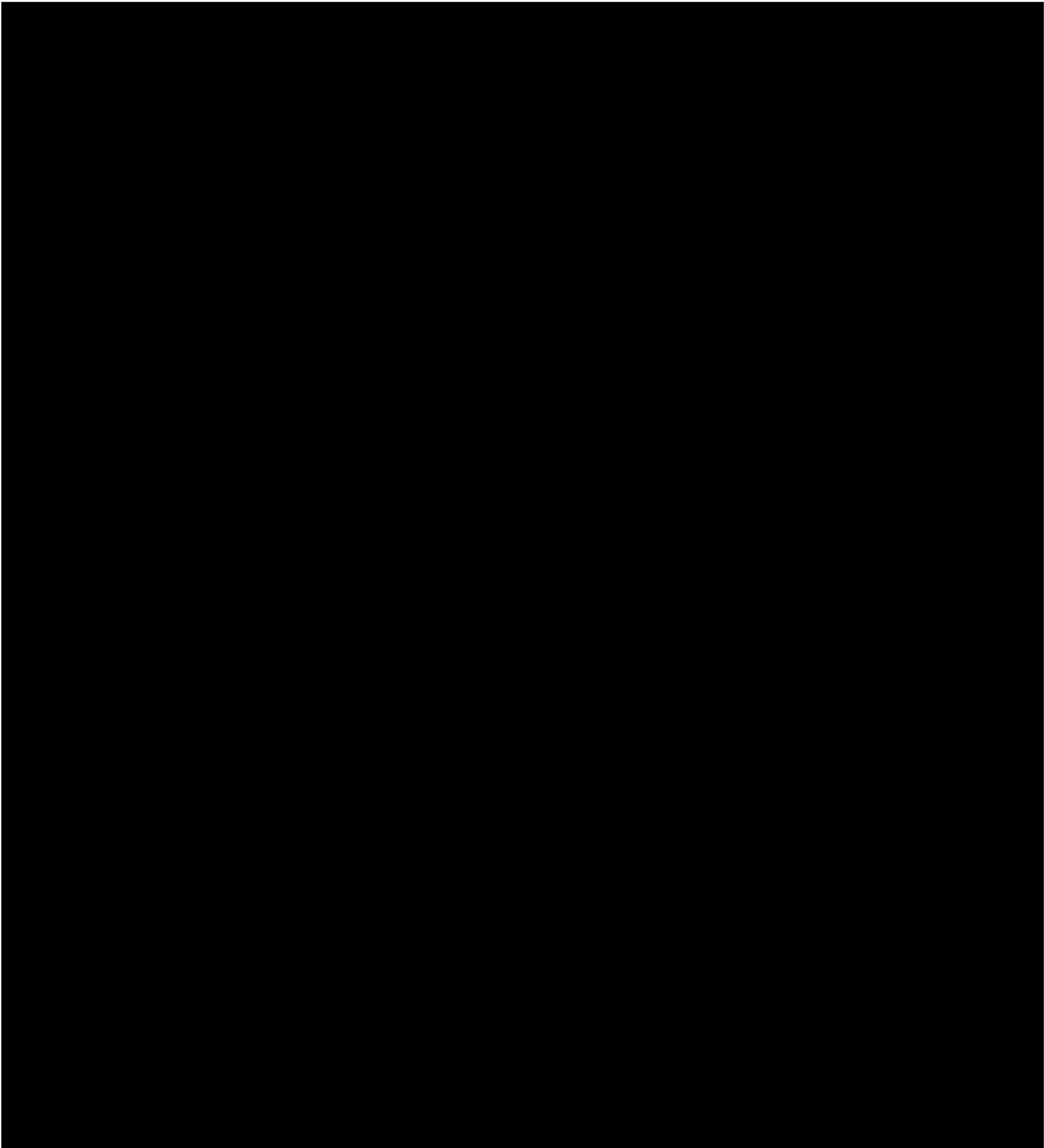


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Winter Weatherization Checklist



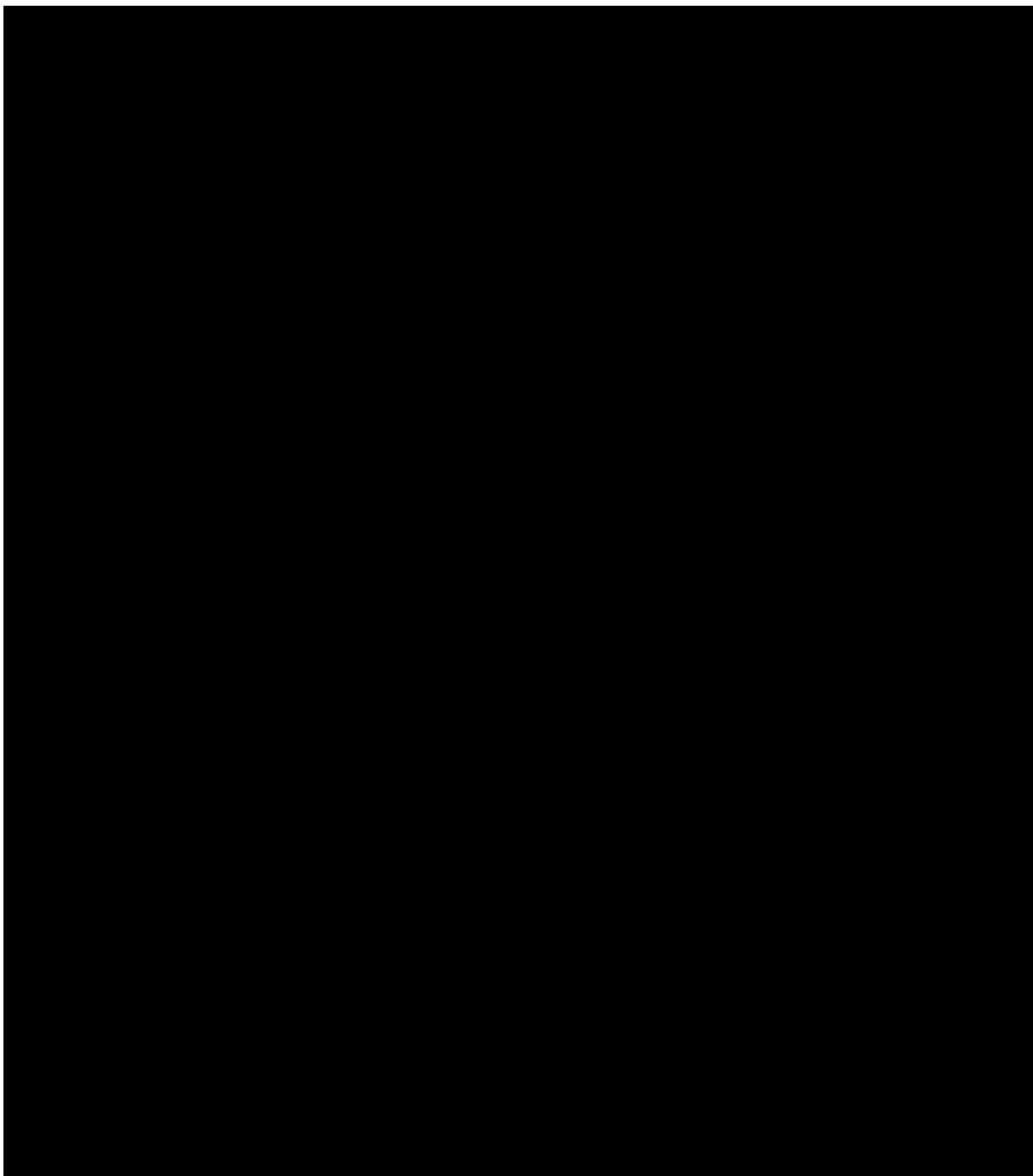


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Winter Weatherization Checklist



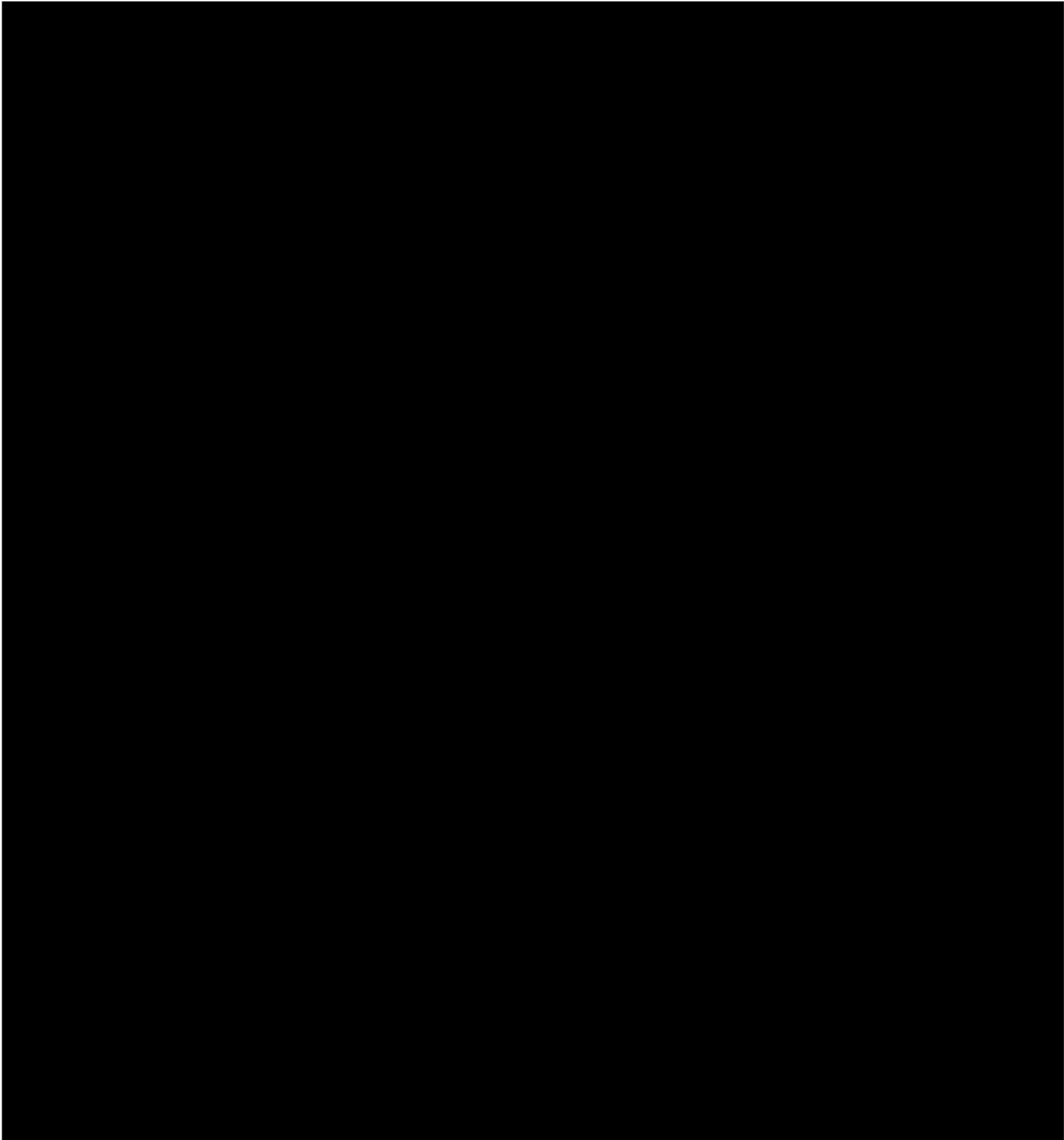


SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Winter Weatherization Checklist



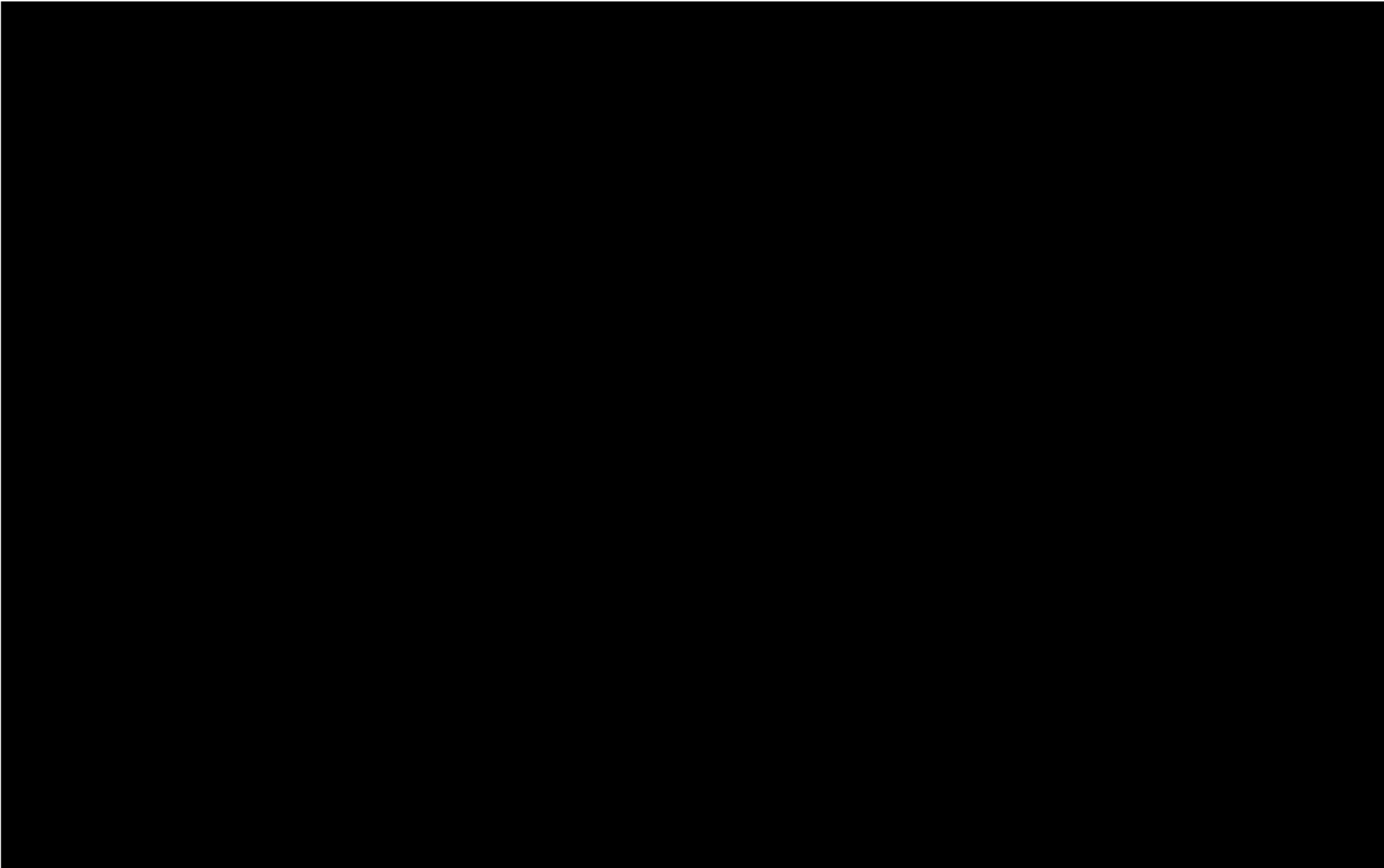


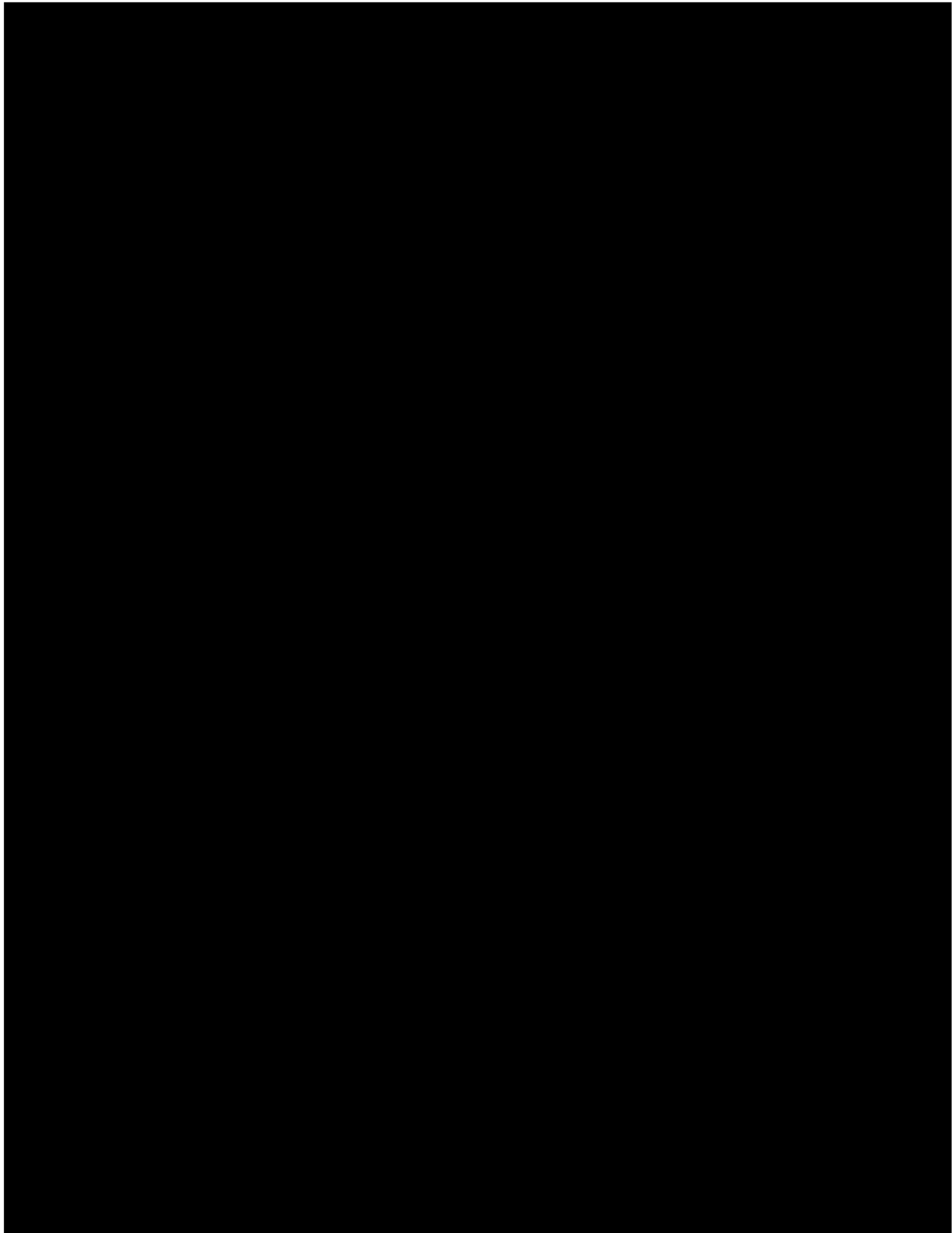
SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Winter Weatherization Checklist





SOUTH TEXAS ELECTRIC COOPERATIVE
PEARSALL POWER PLANT/STSP FACILITIES
Winter Weatherization Checklist







SOUTH TEXAS ELECTRIC COOPERATIVE

RED GATE POWER PLANT

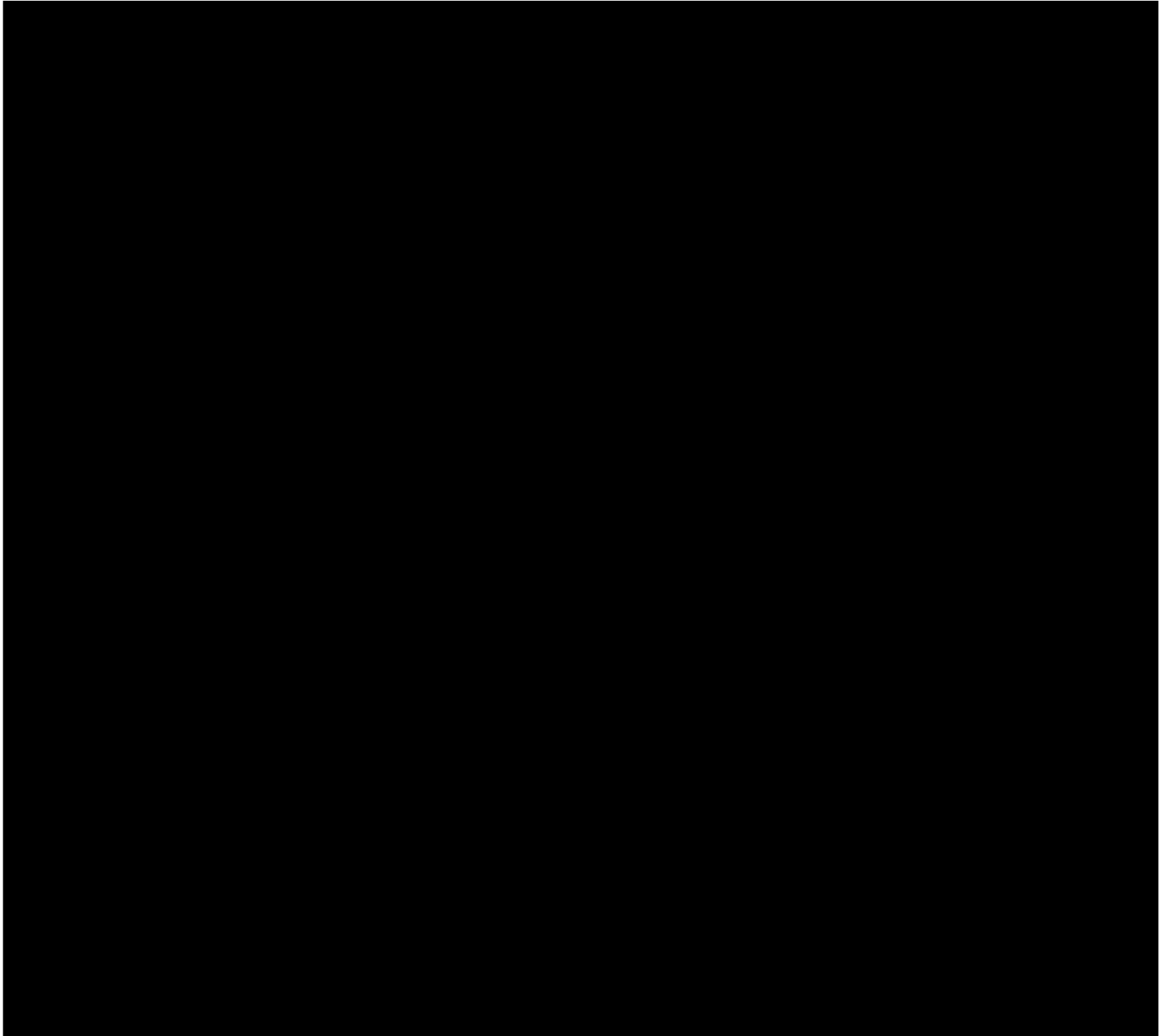
Winter Weatherization Plan

1. PURPOSE / SCOPE

The purpose of this procedure is to prepare and protect the Red Gate Power Plant and the South Texas Solar Power (STSP) solar arrays on the Red Gate Power Plant property for the events of Freezing Temperatures and severe winter weather storms and to ensure the safe and reliable operation of the facility. Sections 5.2, 6.6, and 6.7 describe the procedures and actions taken by STEC personnel immediately prior to and during a cold weather emergency event,

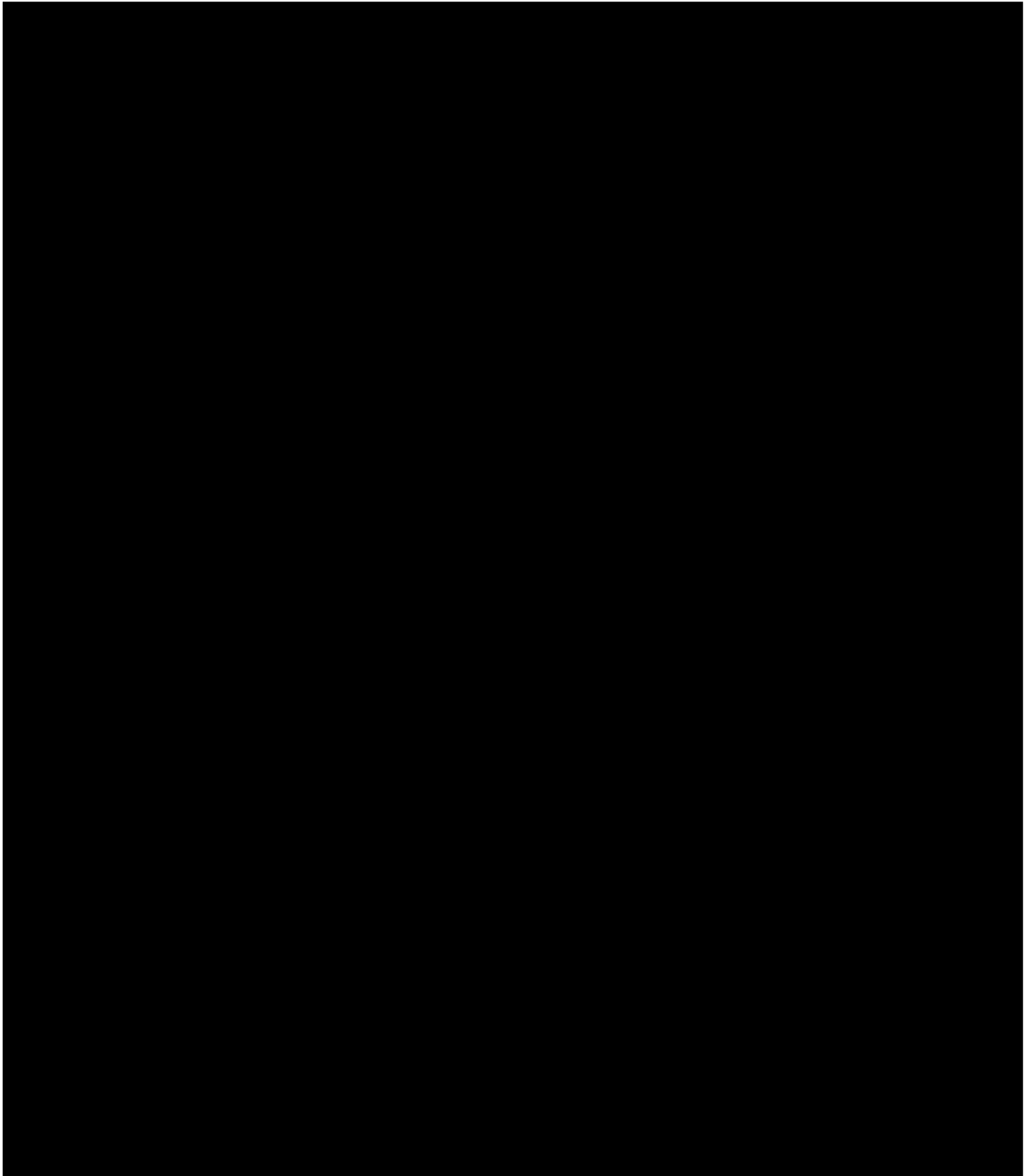
2. DEFINITIONS

2.1. Freezing Temperatures – Temperatures equal or below 32°F (including wind chill).



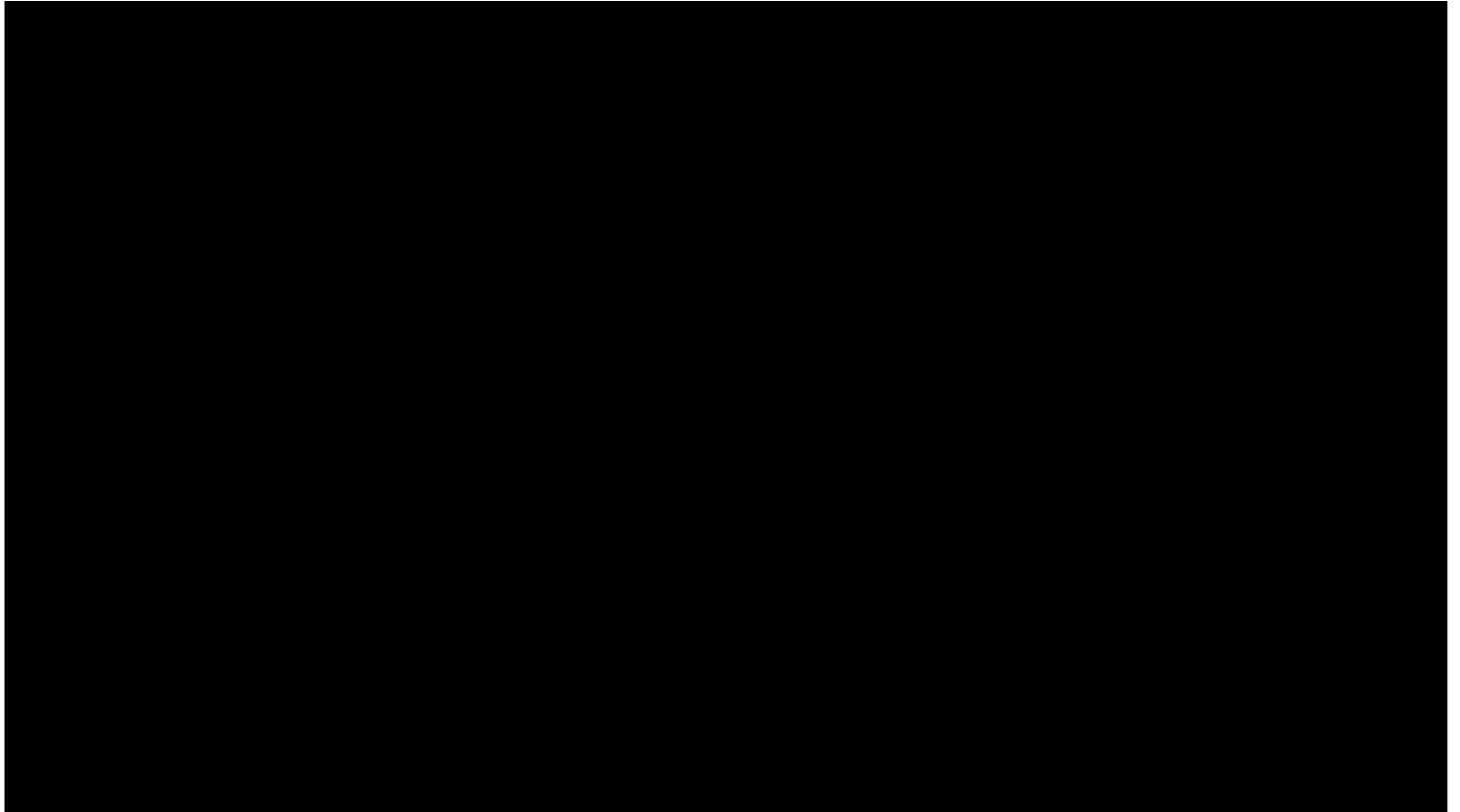


SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT
Winter Weatherization Plan



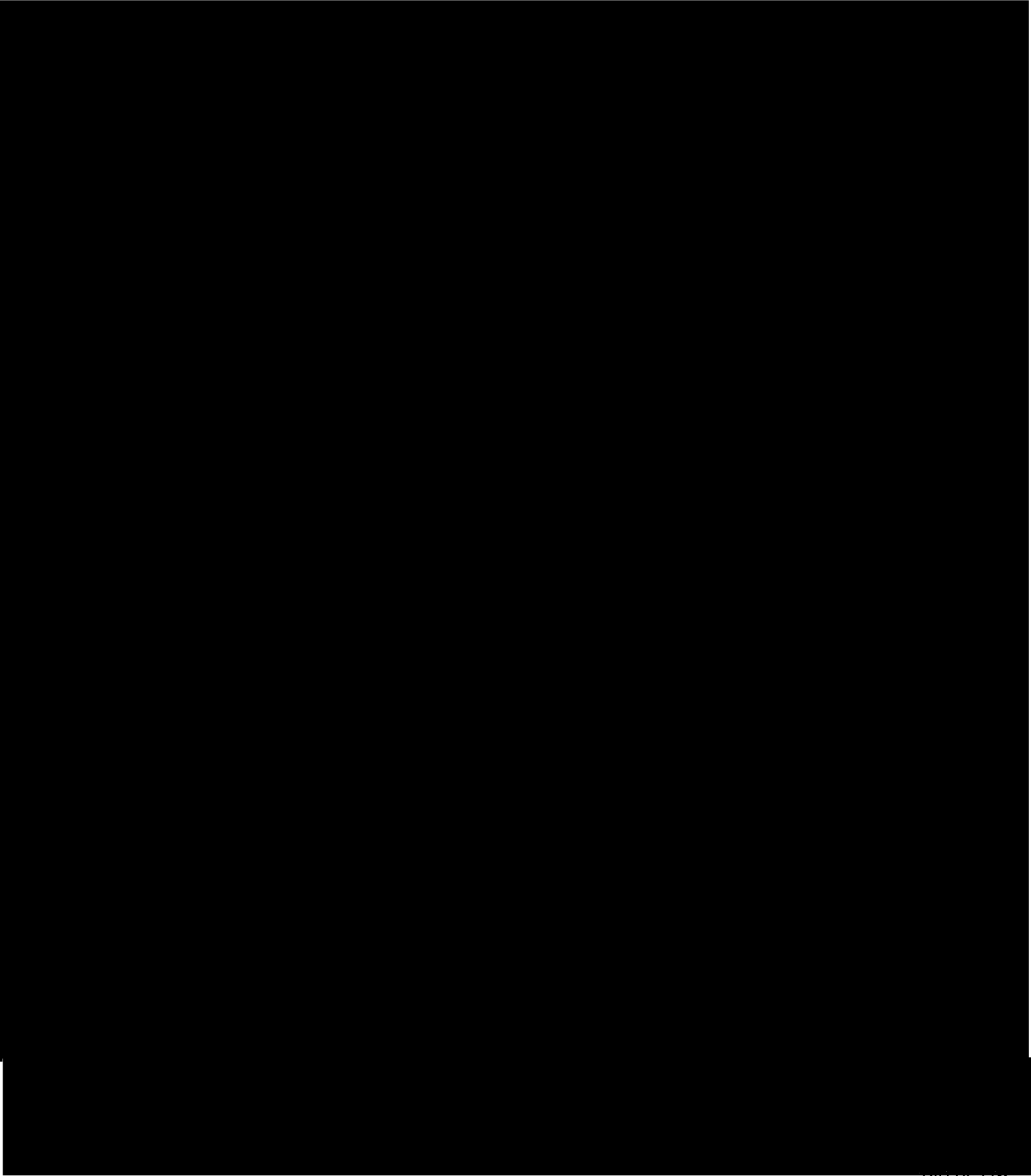


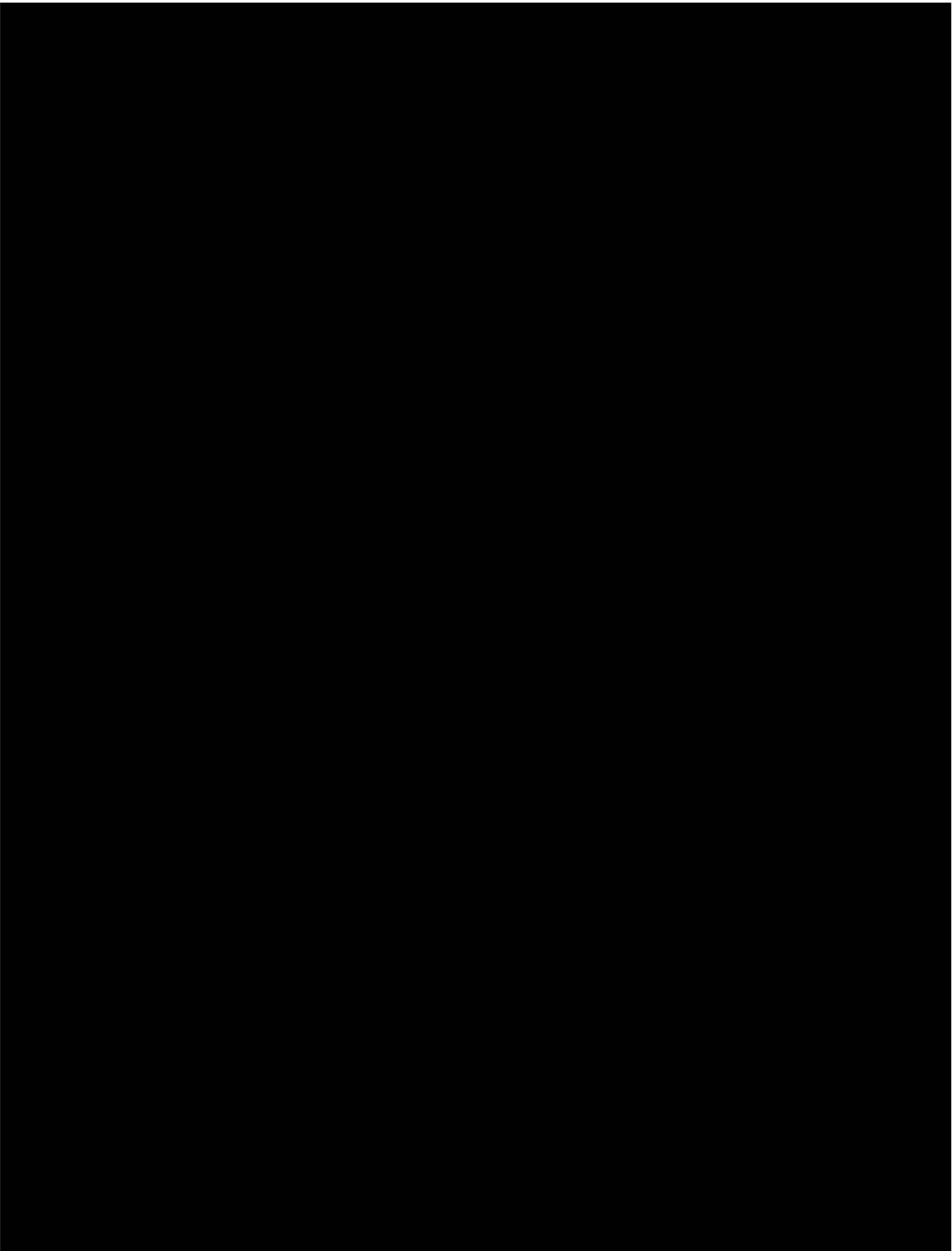
SOUTH TEXAS ELECTRIC COOPERATIVE
RED GATE POWER PLANT
Winter Weatherization Plan





Red Gate Power Plant
Winter Weatherization Checklist







SOUTH TEXAS ELECTRIC COOPERATIVE

SAM RAYBURN POWER PLANT

Winter Weatherization Plan

1. PURPOSE/SCOPE

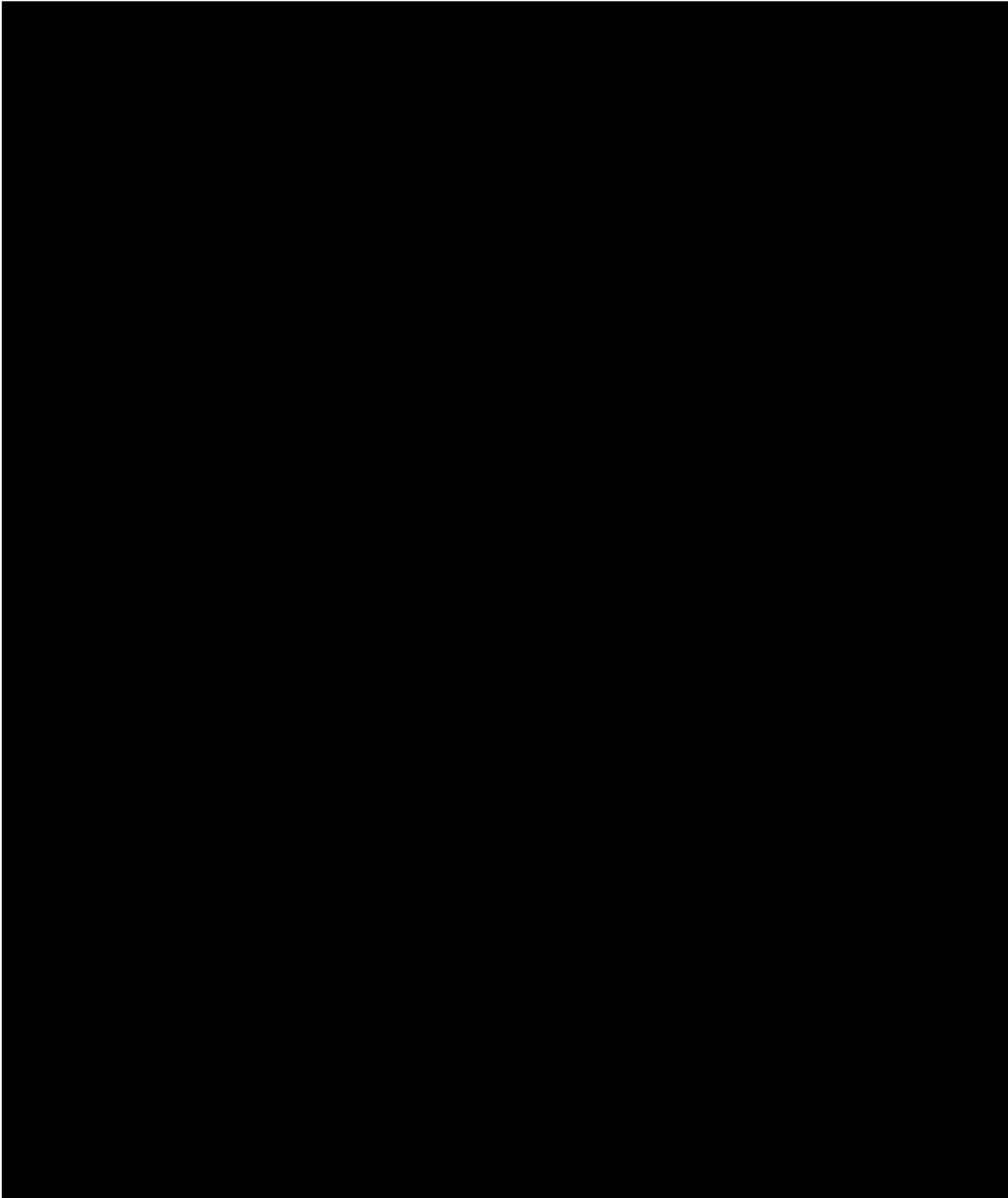
The purpose of this procedure is to prepare and protect the STEC Sam Rayburn Power Plant for the events of freezing temperatures and severe winter weather storms and to ensure the safe and reliable operation of the facility. Sections 8.5 through 8.7 describe the procedures and actions taken by STEC personnel immediately prior to and during a cold weather emergency.

2. DEFINITIONS

- 2.1. Freezing Temperatures – Temperatures equal or below 32°F (including wind chill).
- 2.2. Cold Weather Critical Components – Any component that is susceptible to freezing, the occurrence of which is likely to lead to the trip, derate, or failure to start or failure to start of a generation resource.

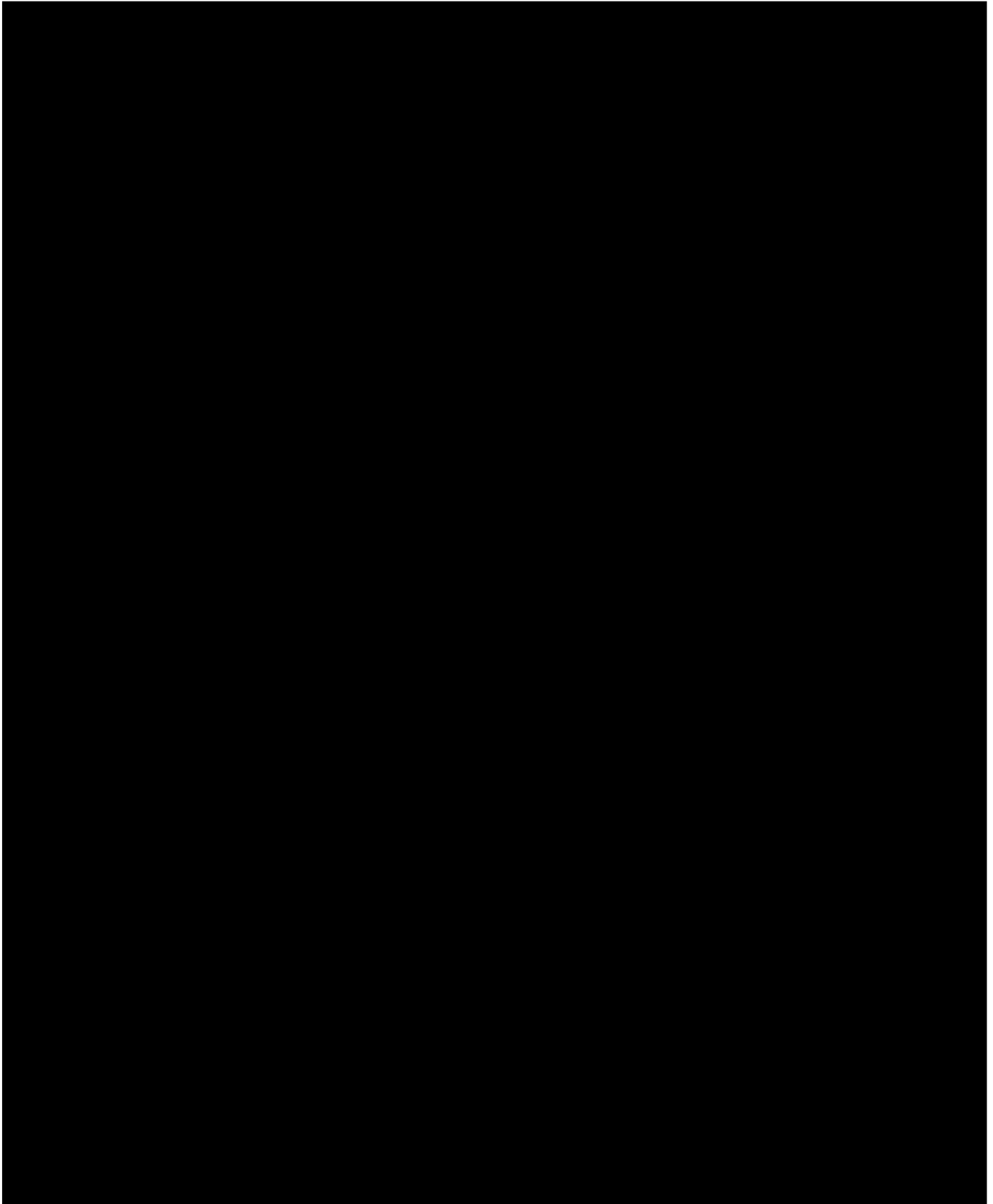


SOUTH TEXAS ELECTRIC COOPERATIVE
SAM RAYBURN POWER PLANT
Winter Weatherization Plan



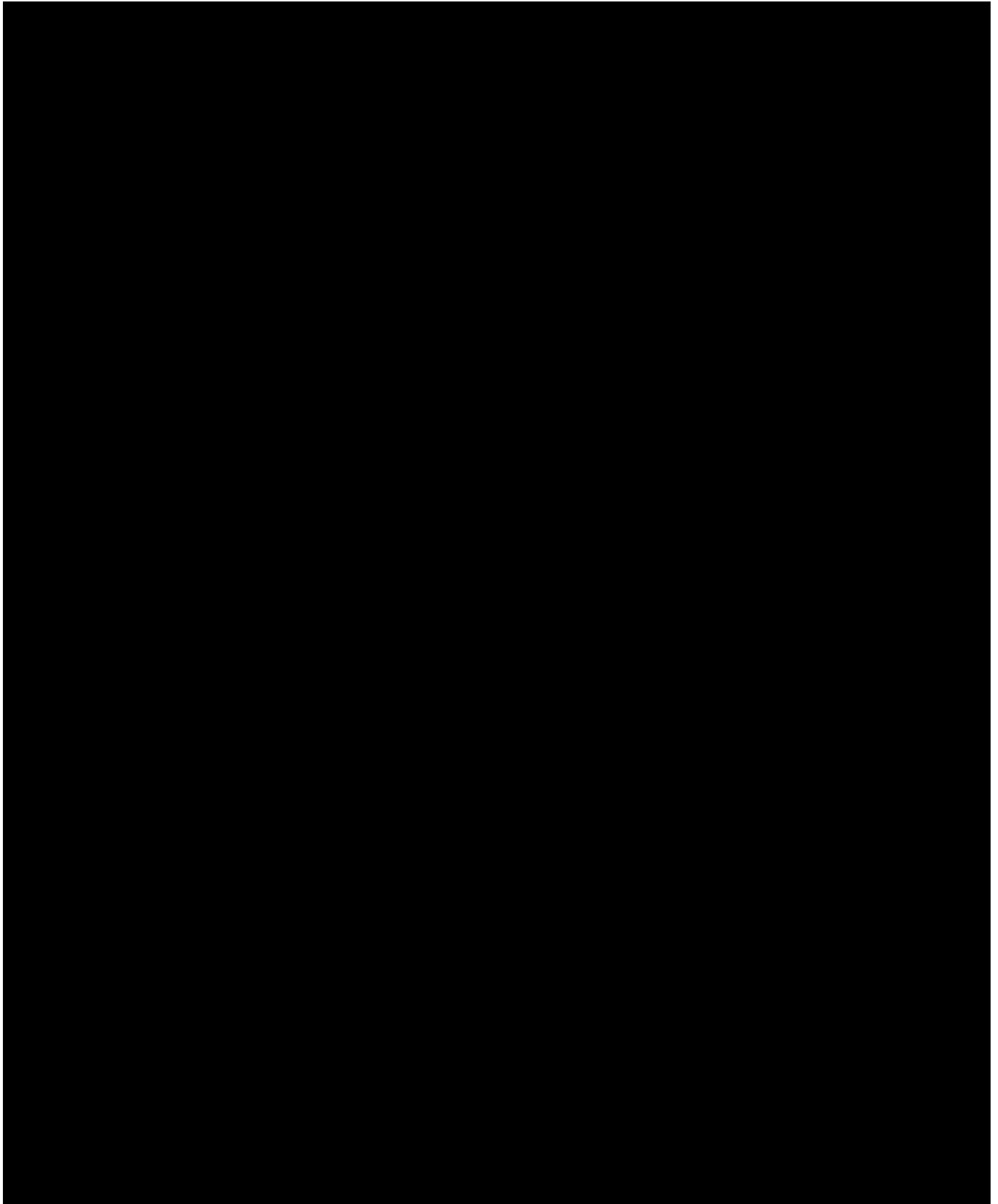


SOUTH TEXAS ELECTRIC COOPERATIVE
SAM RAYBURN POWER PLANT
Winter Weatherization Plan



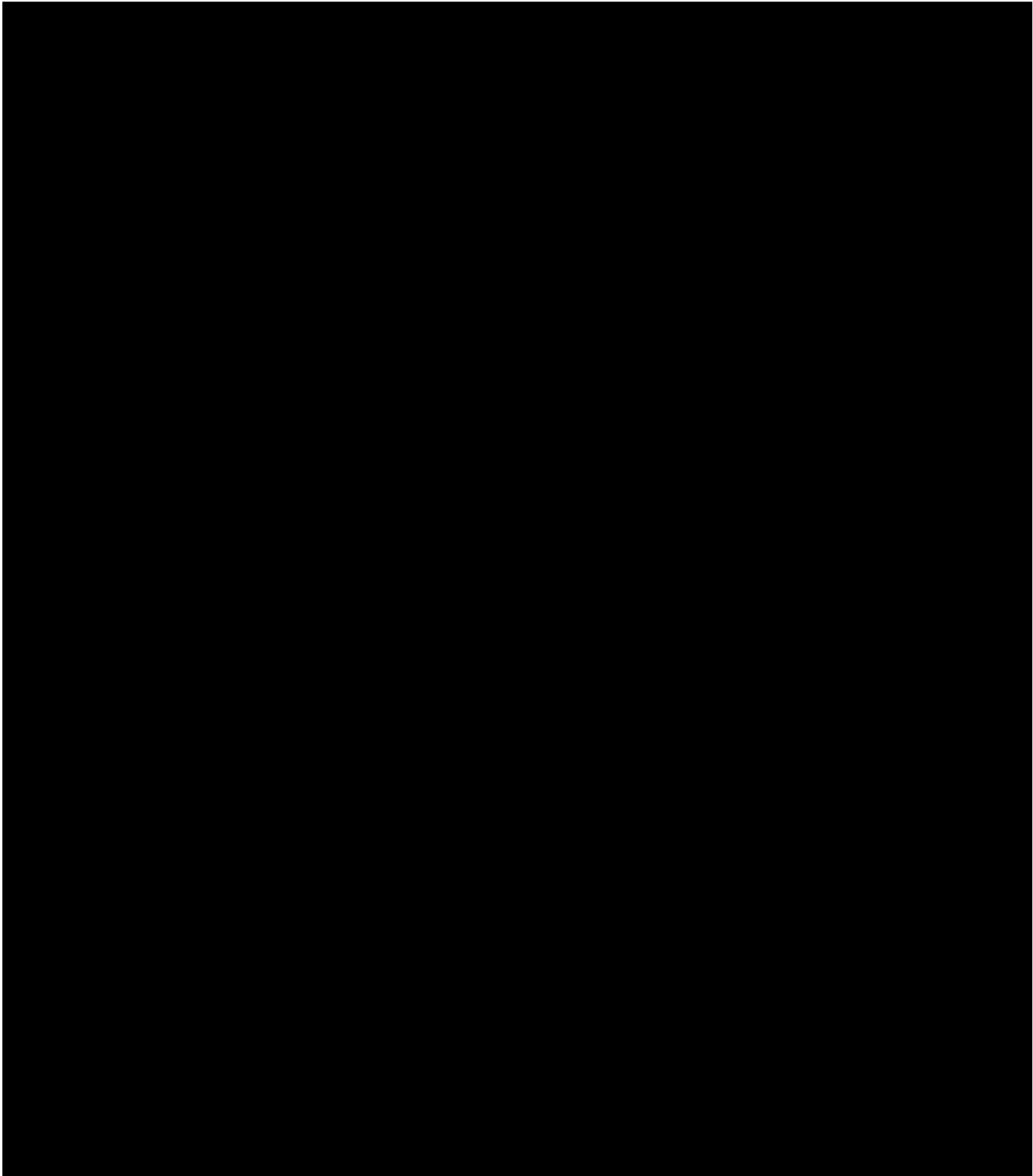


SOUTH TEXAS ELECTRIC COOPERATIVE
SAM RAYBURN POWER PLANT
Winter Weatherization Plan



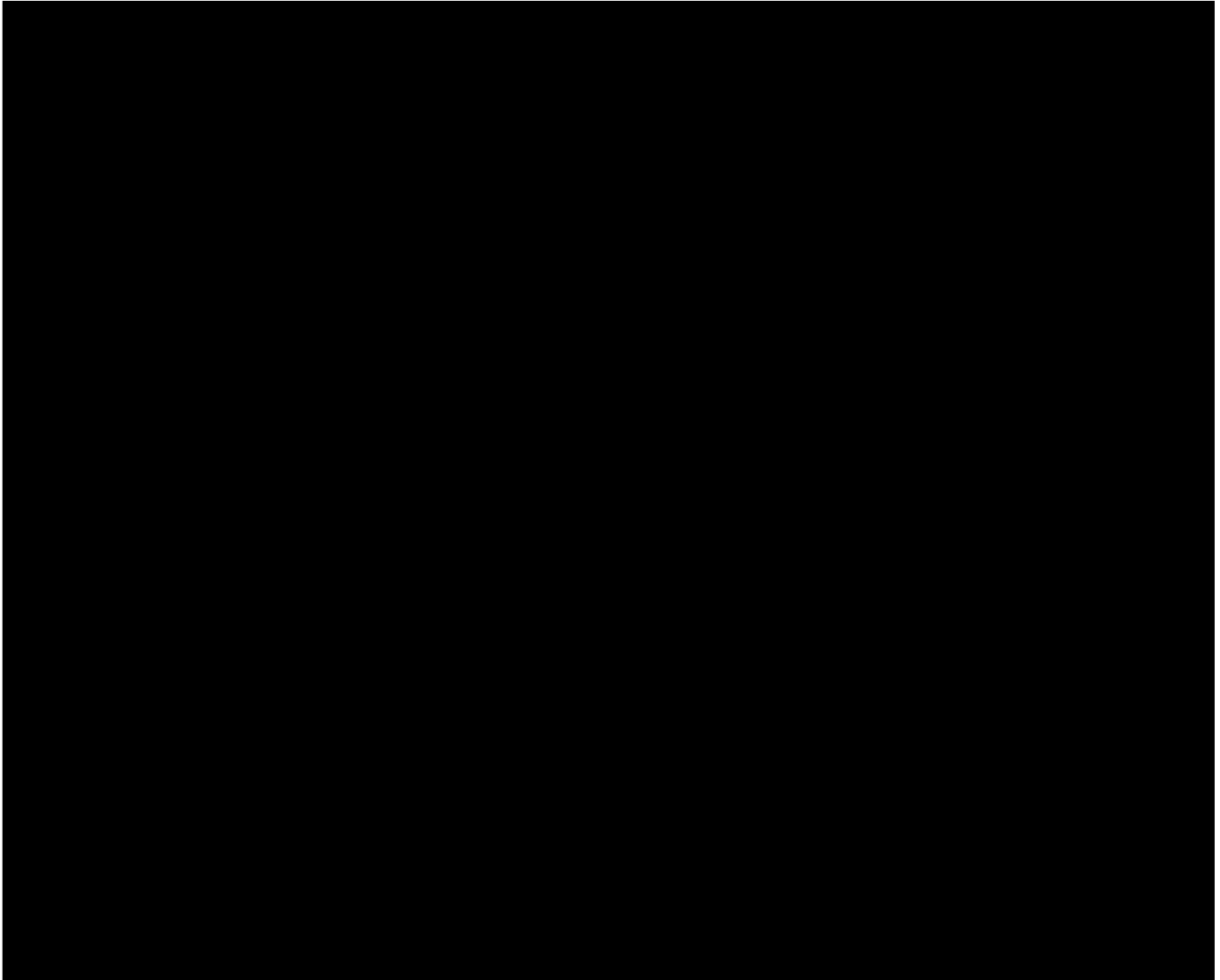


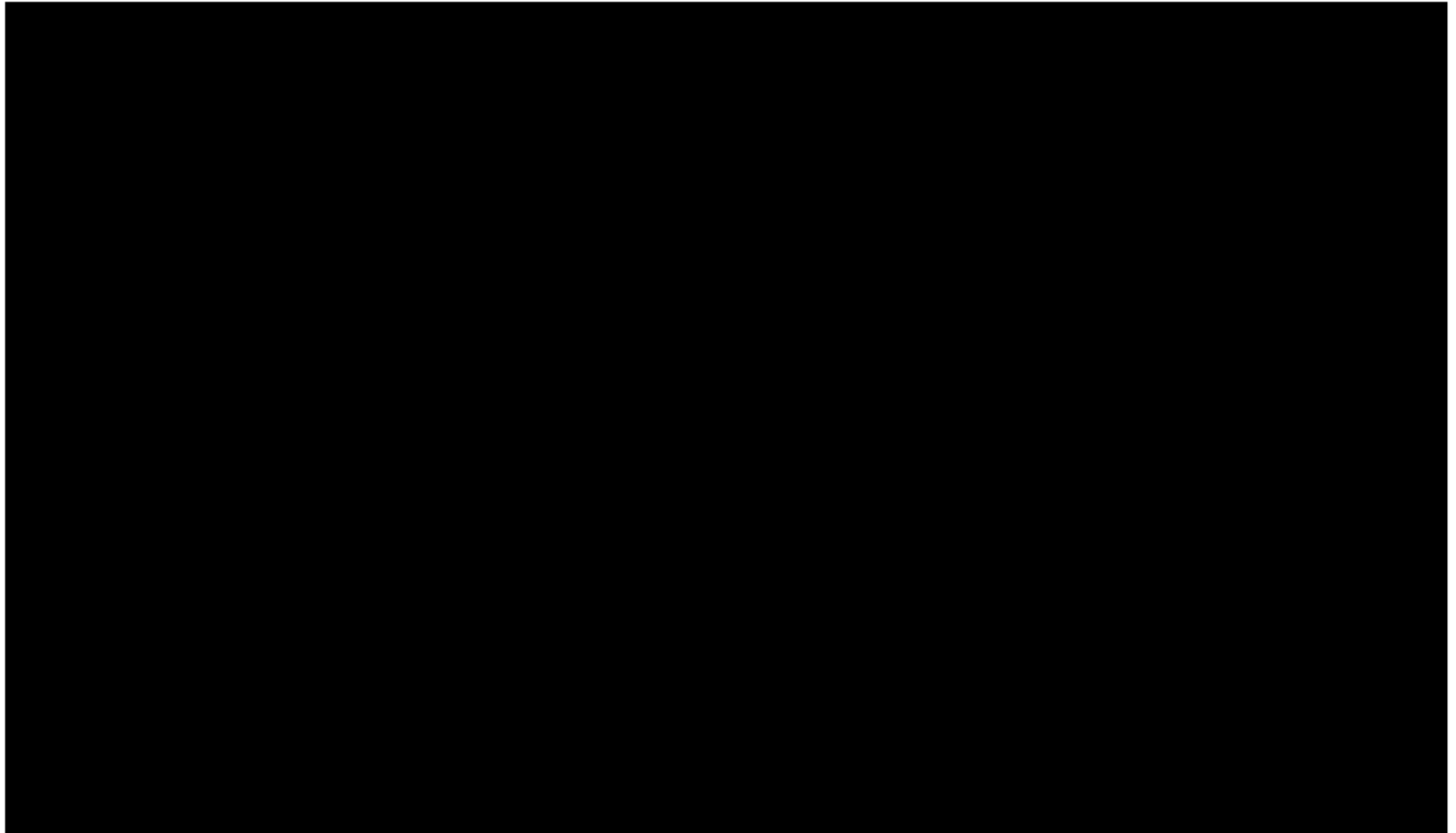
SOUTH TEXAS ELECTRIC COOPERATIVE
SAM RAYBURN POWER PLANT
Winter Weatherization Plan

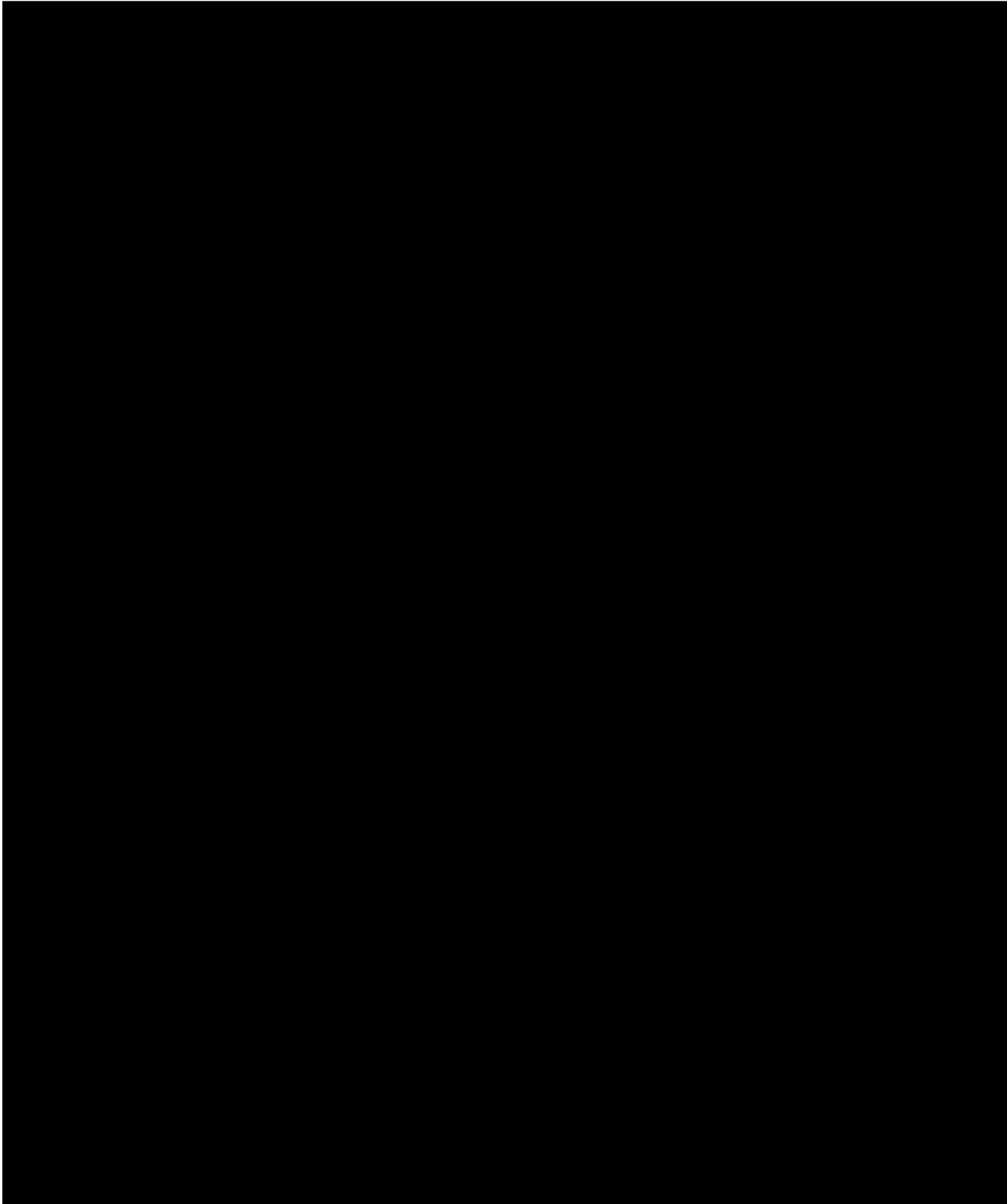


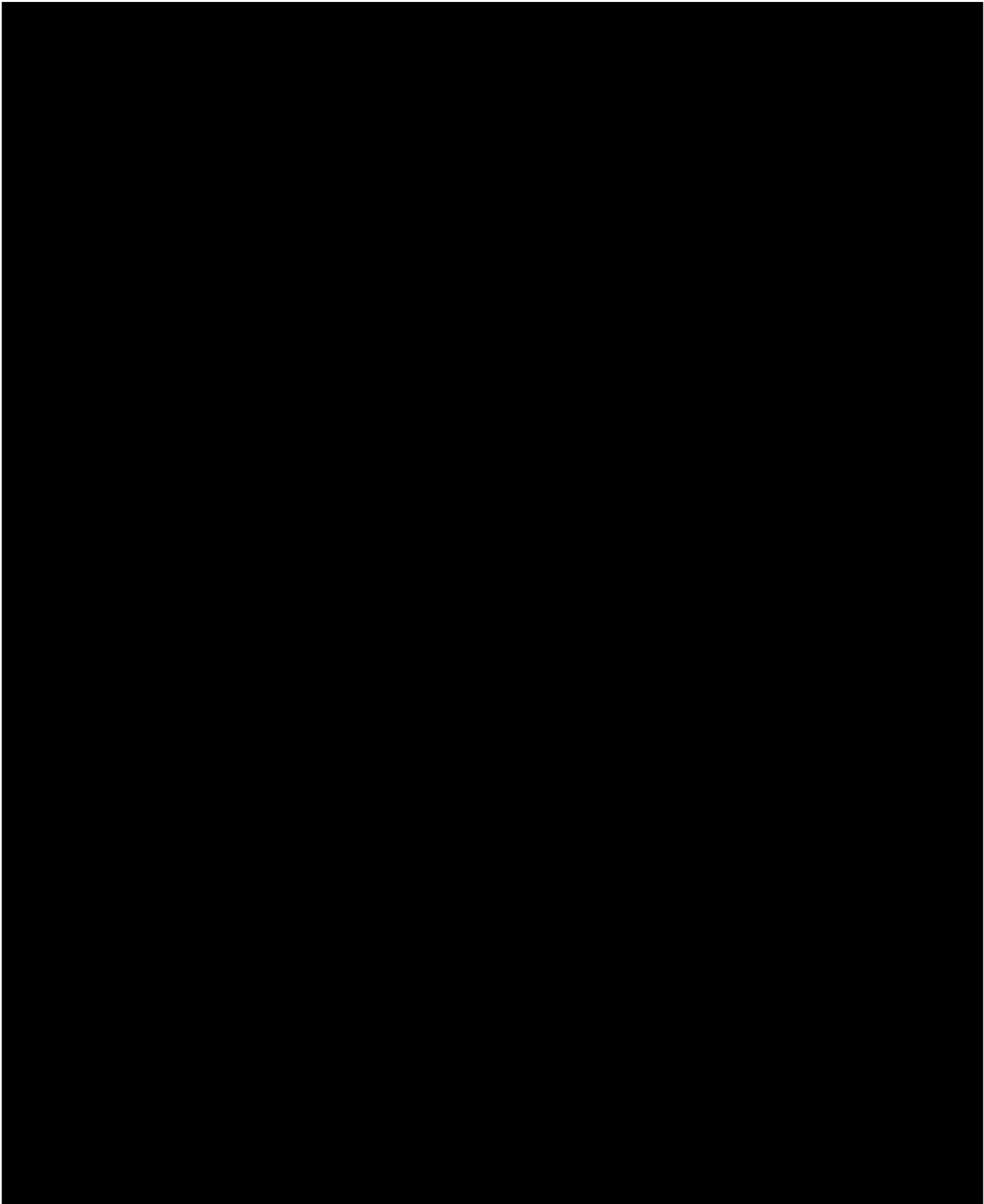


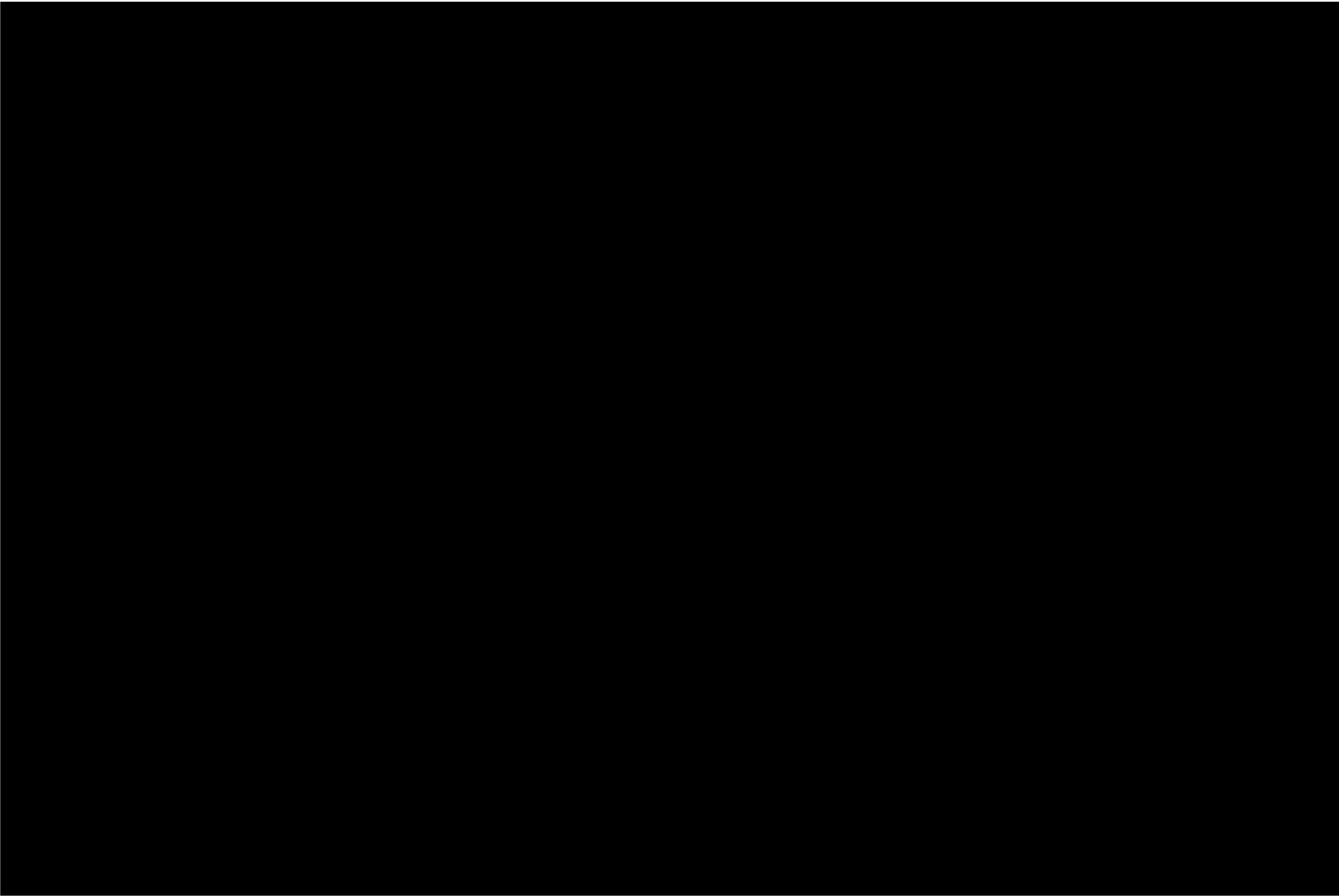
SOUTH TEXAS ELECTRIC COOPERATIVE
SAM RAYBURN POWER PLANT
Winter Weatherization Plan

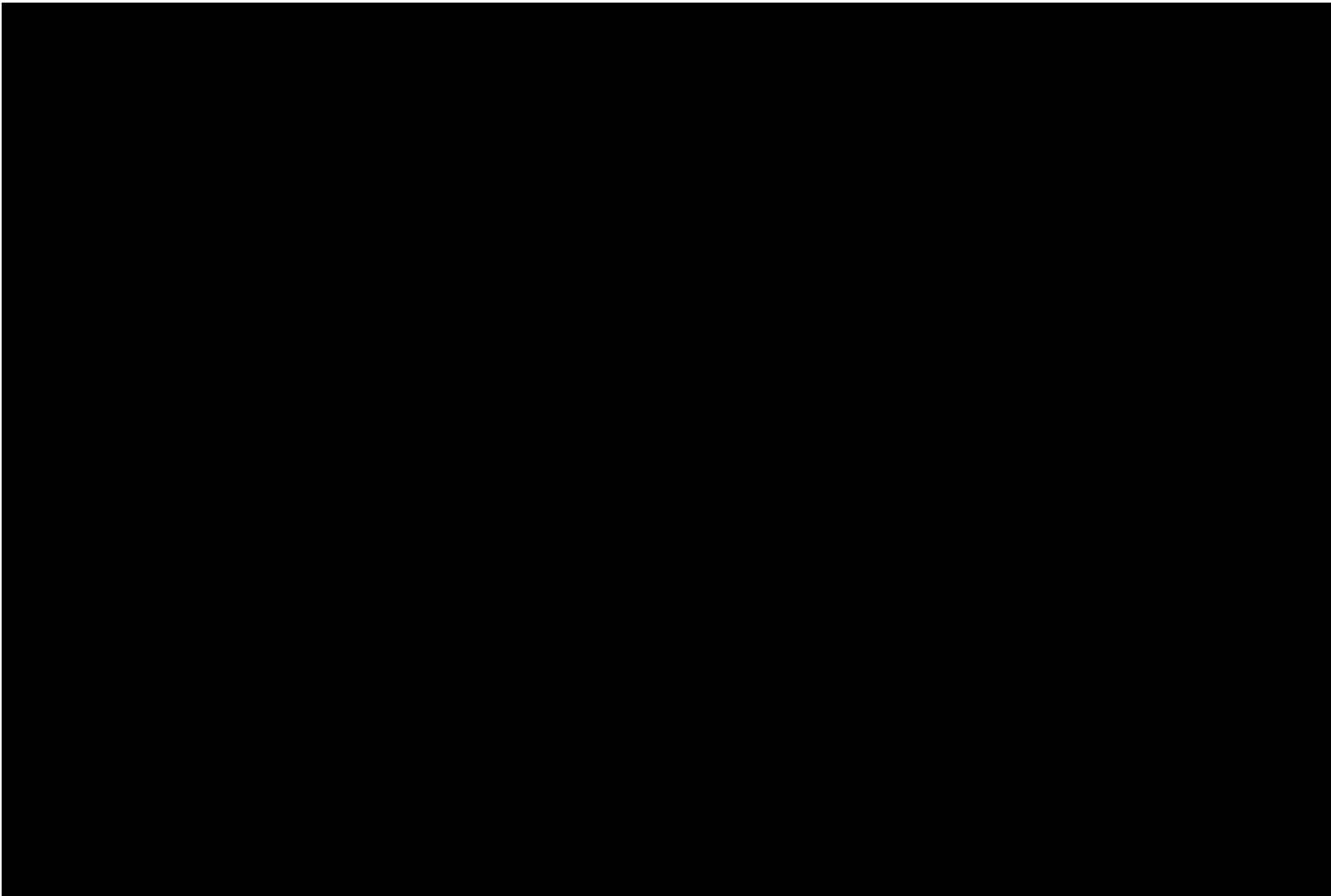








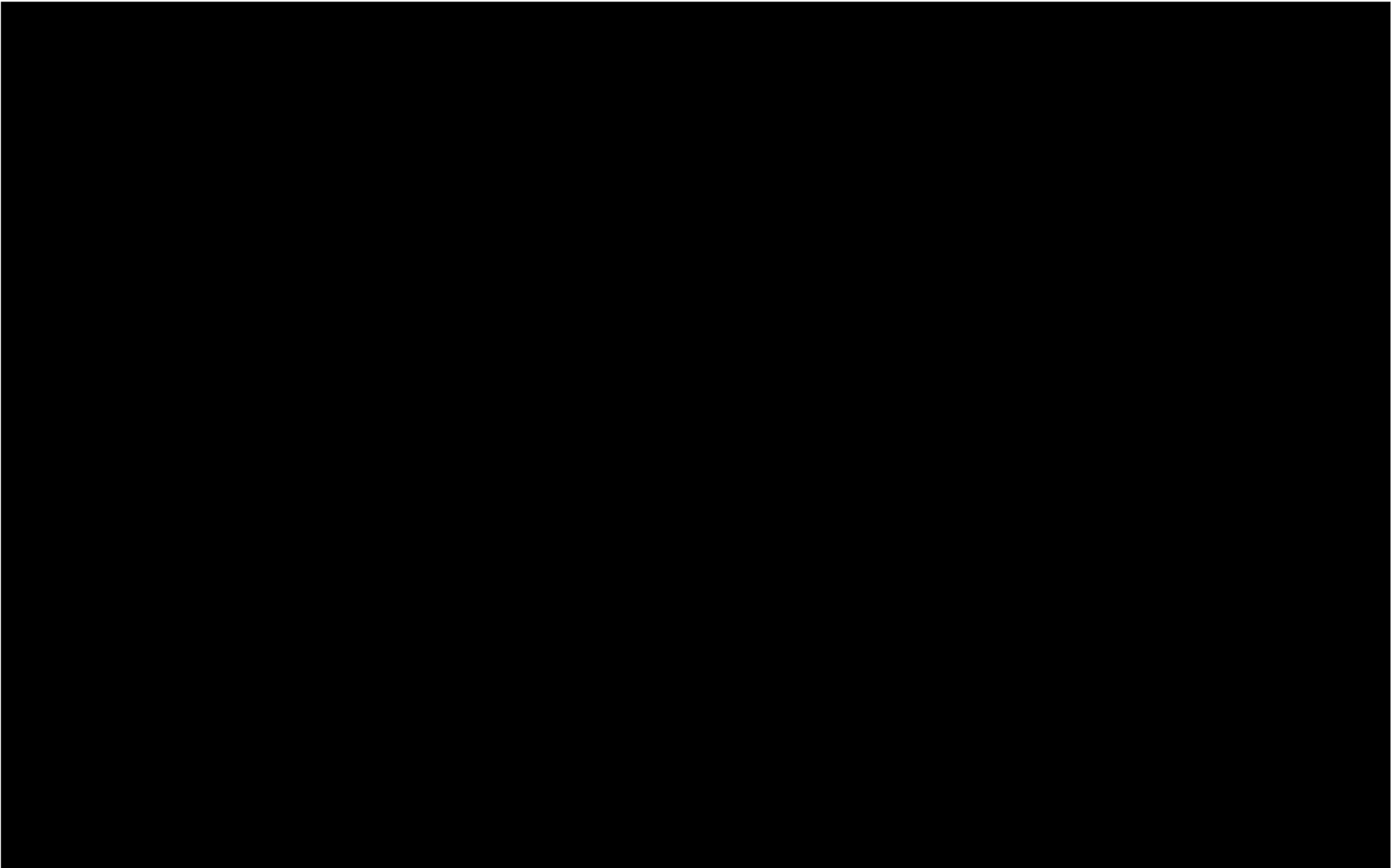




STEC
Power Supply

Effective Date: 11/27/2017
Revision Number: 1

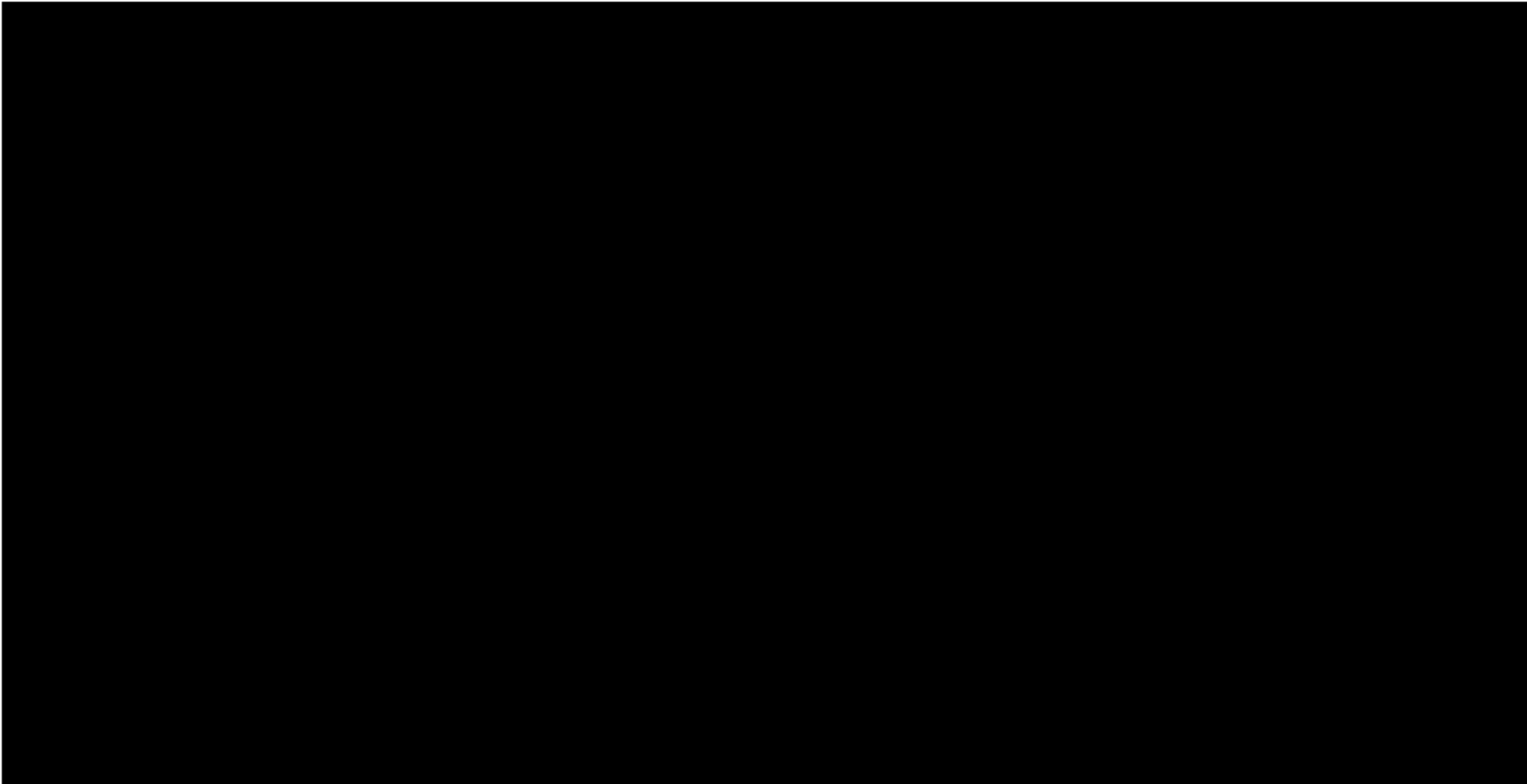
Sam Rayburn Power Plant
Page 1 of 3



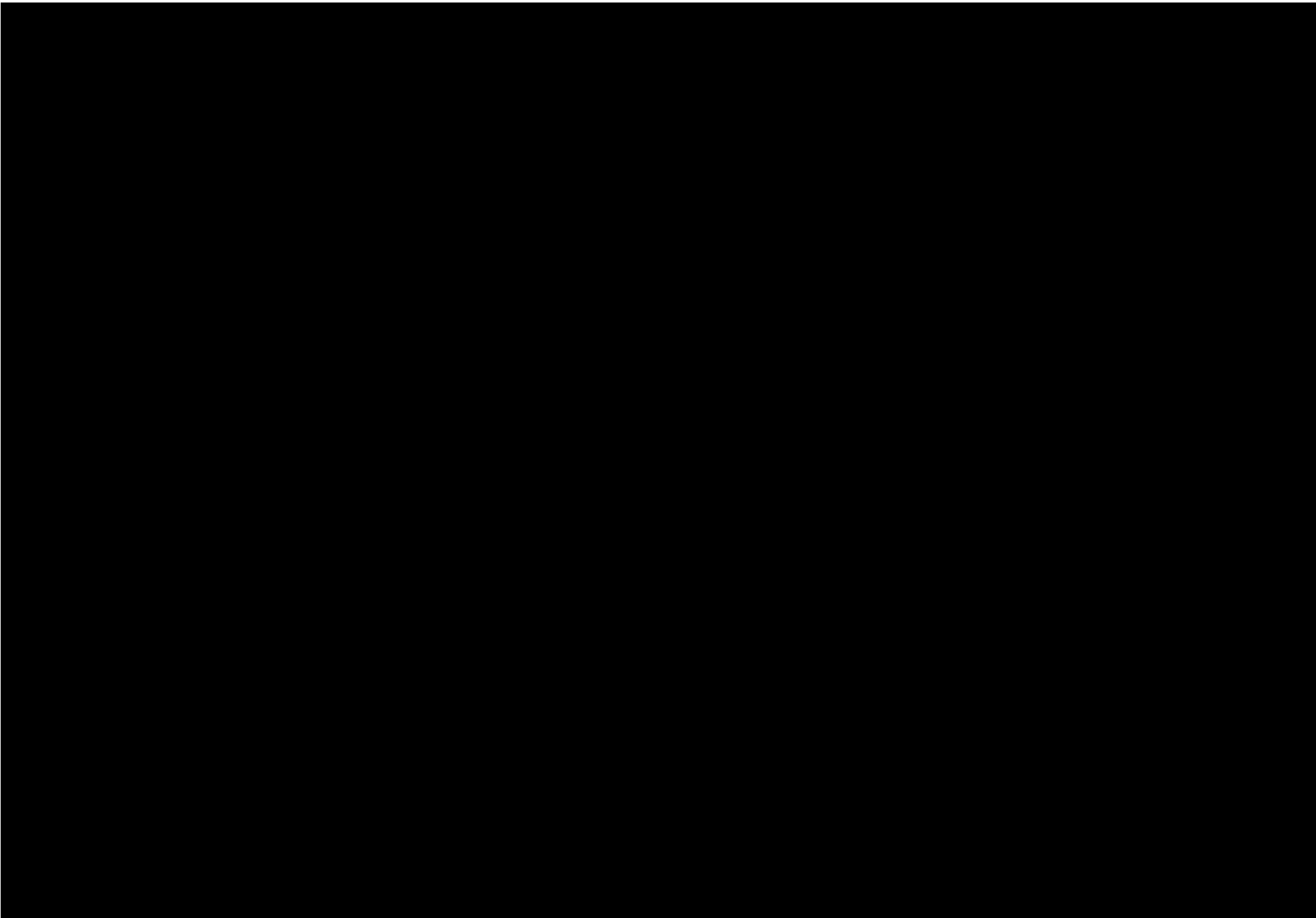
STEC
Power Supply

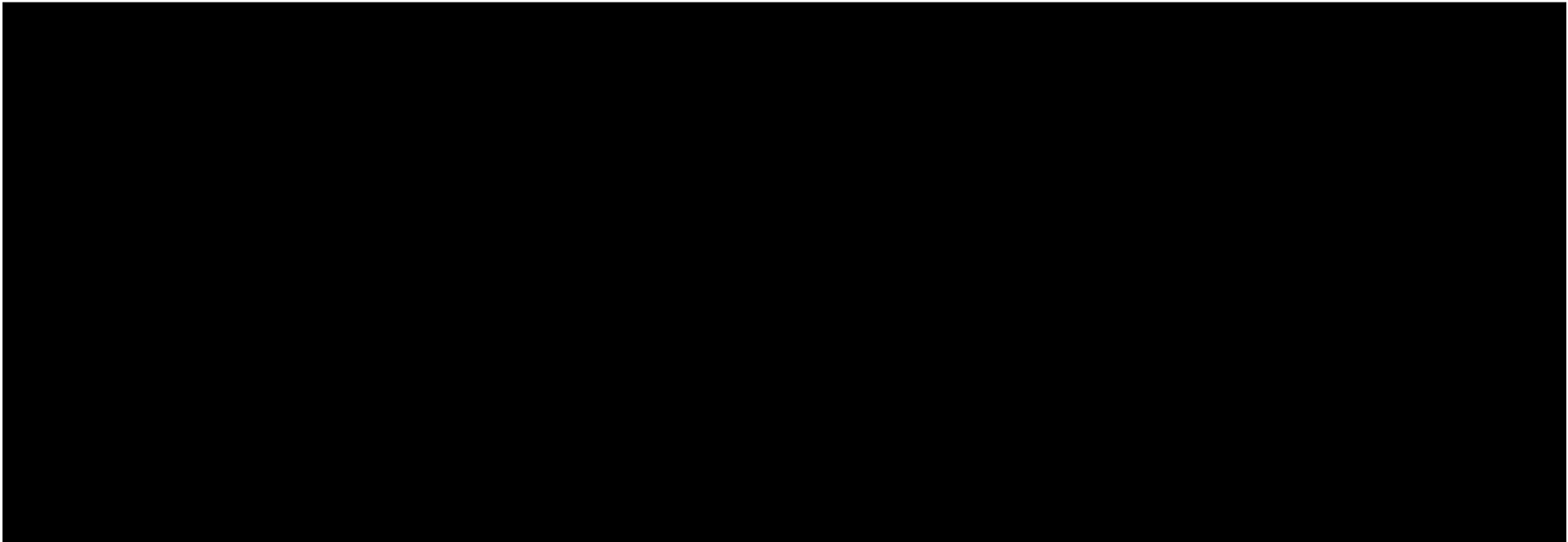
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Revision Number: 1

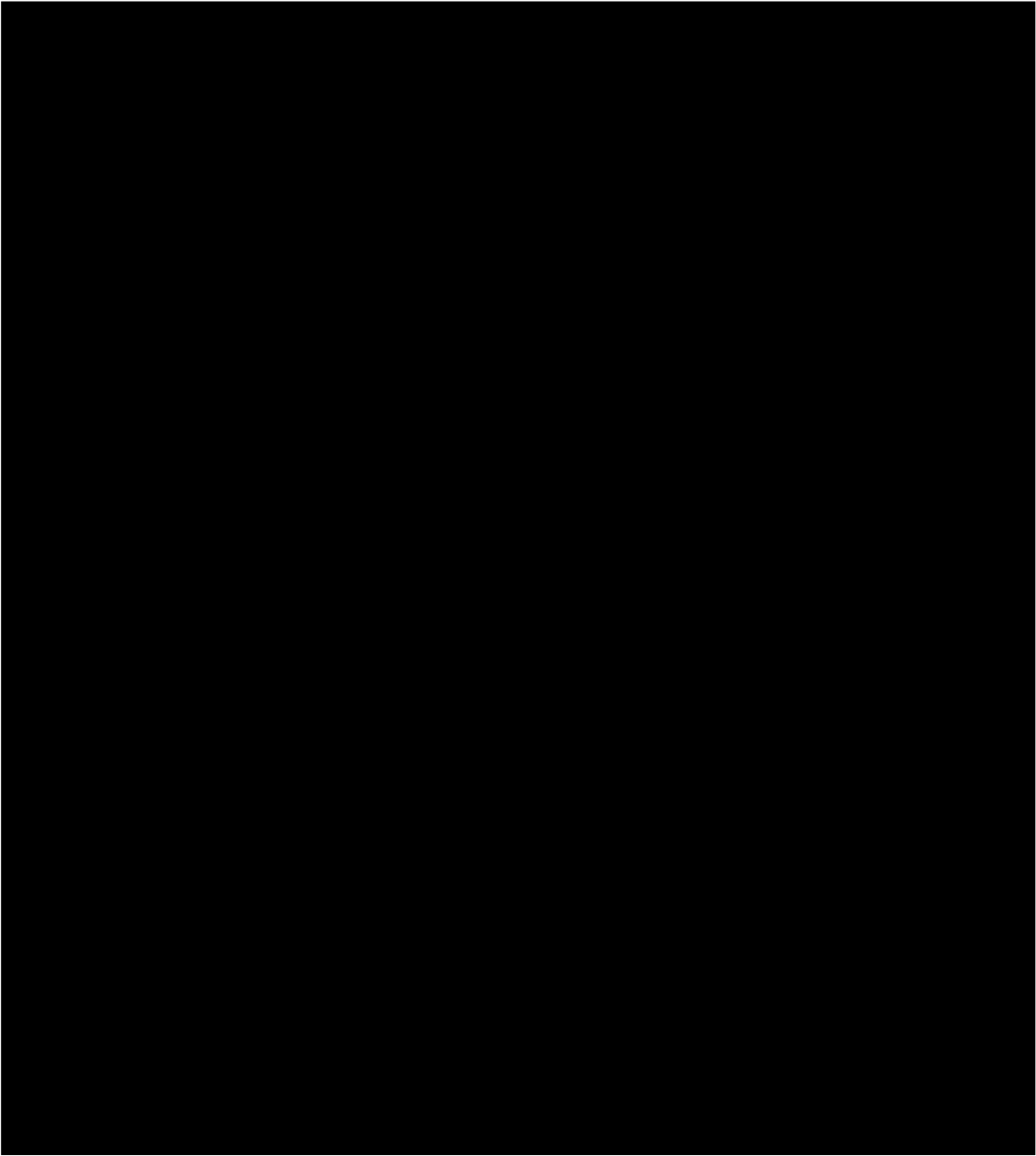
Sam Rayburn Power Plant
Page 2 of 3

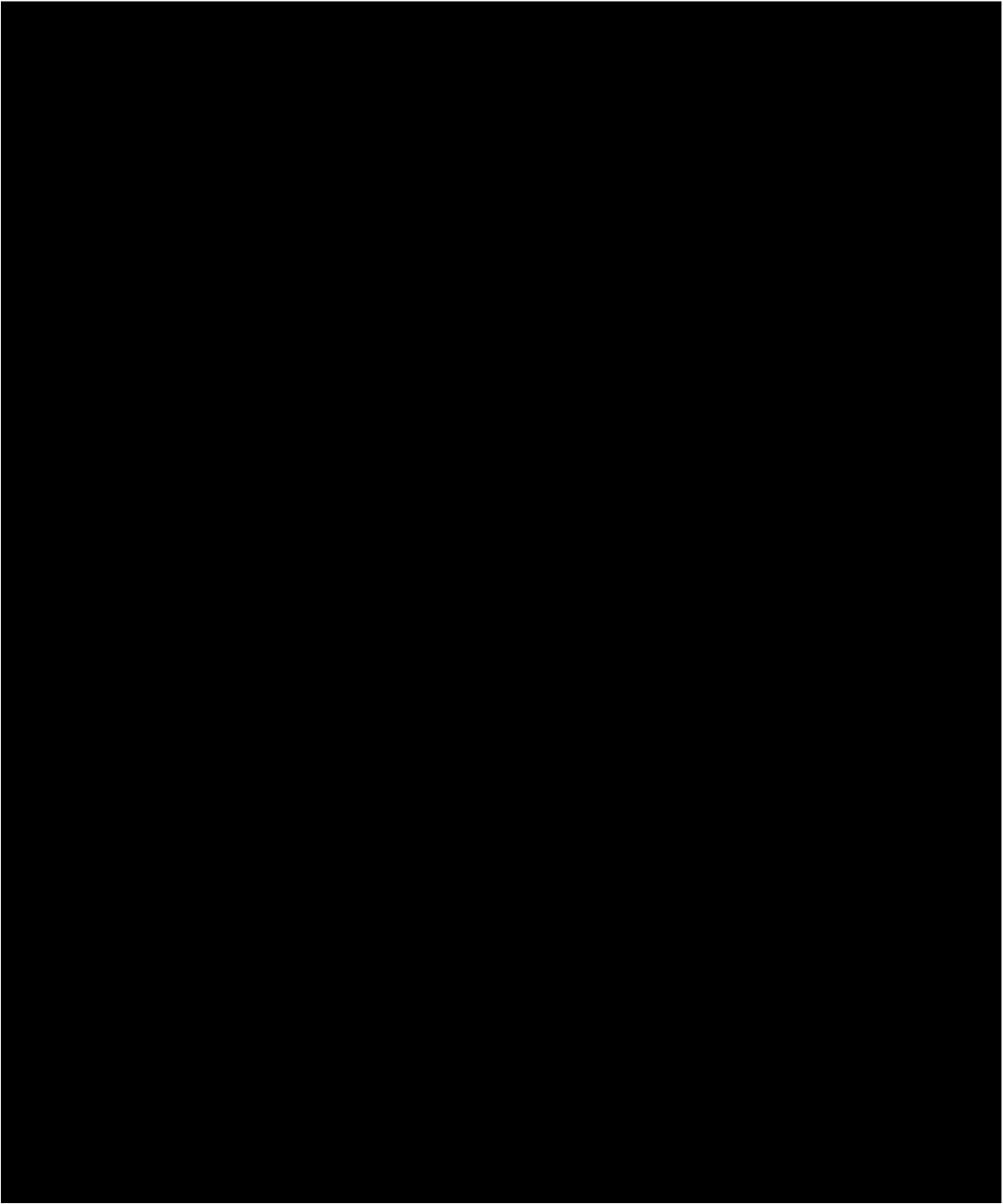




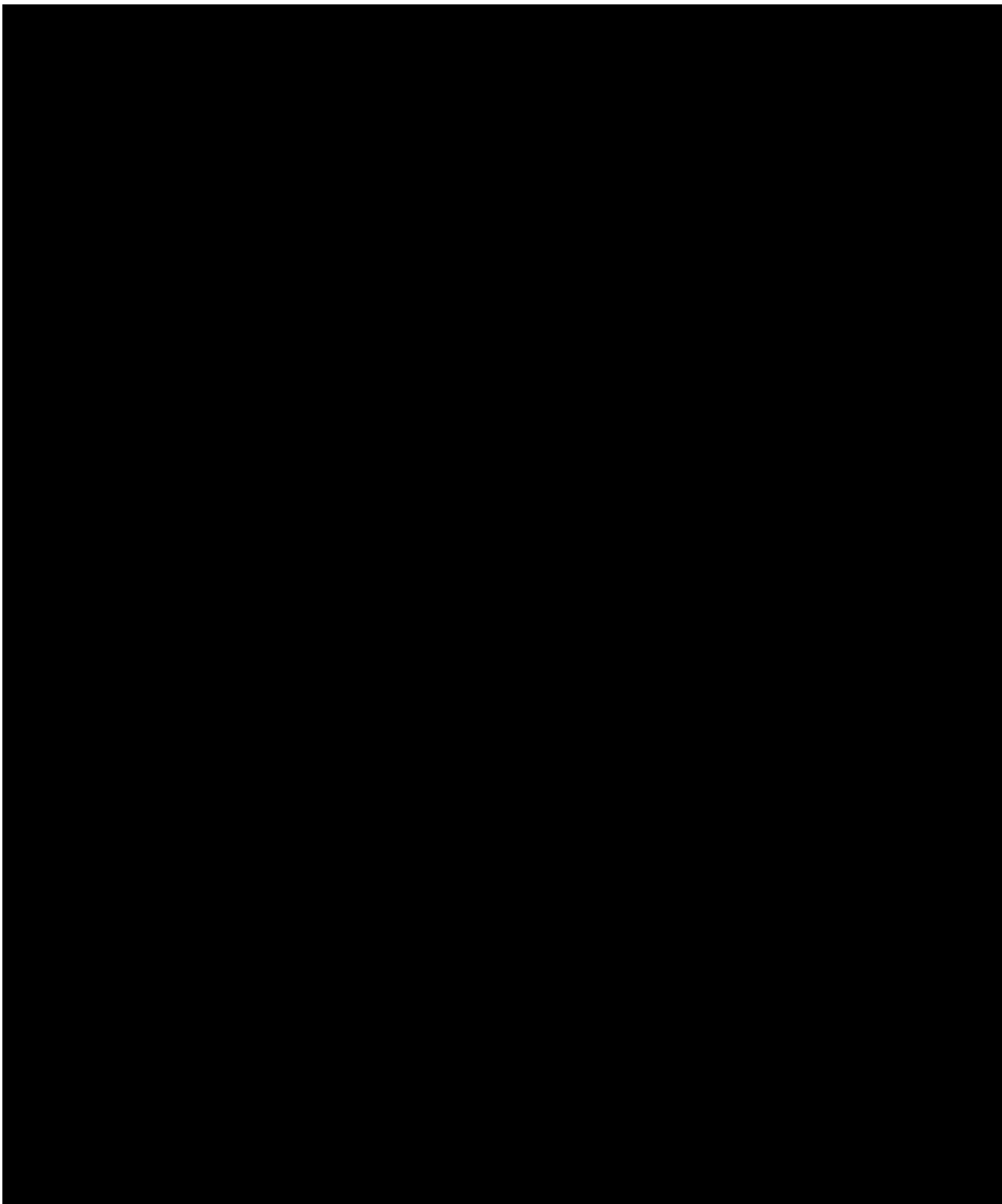


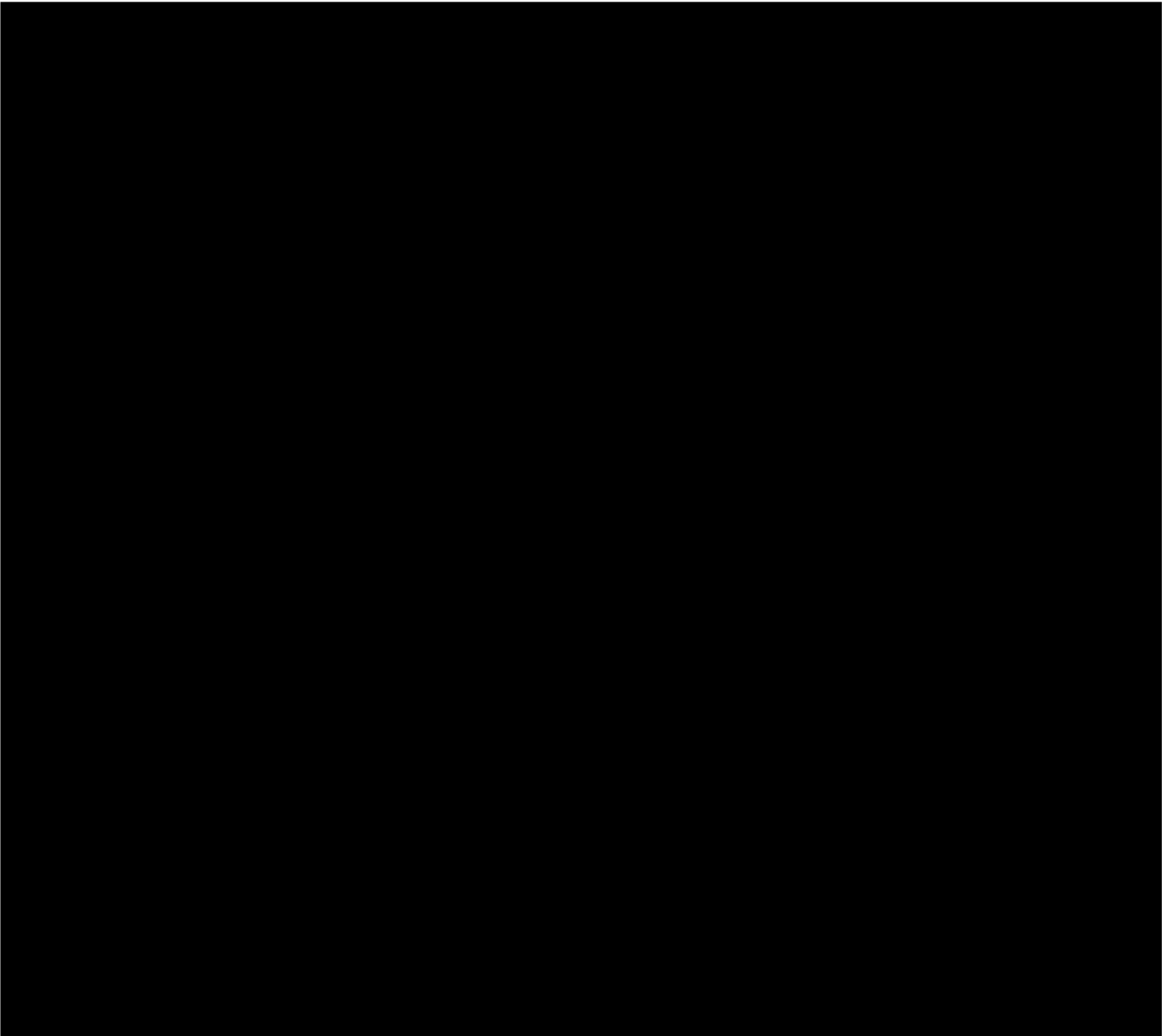


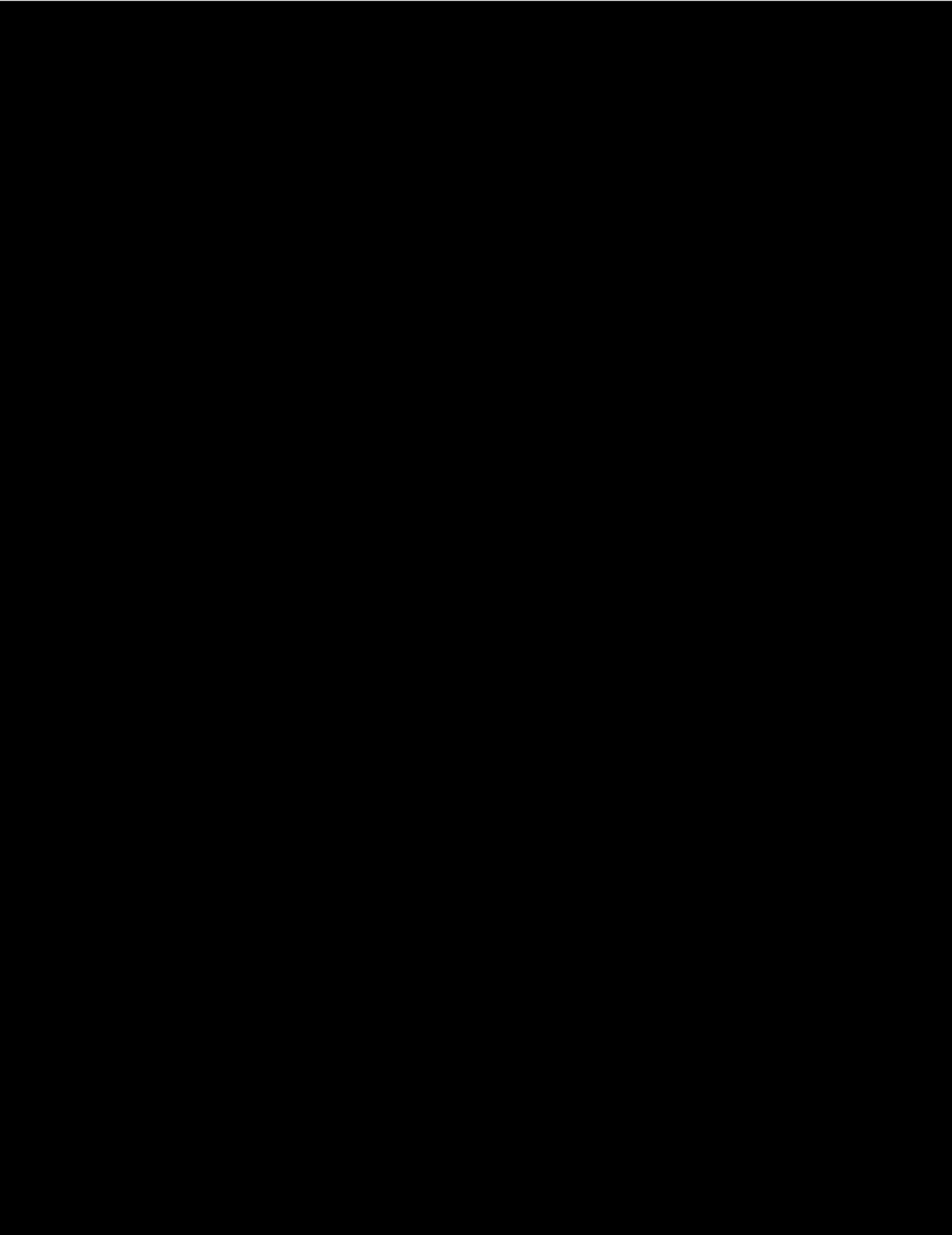


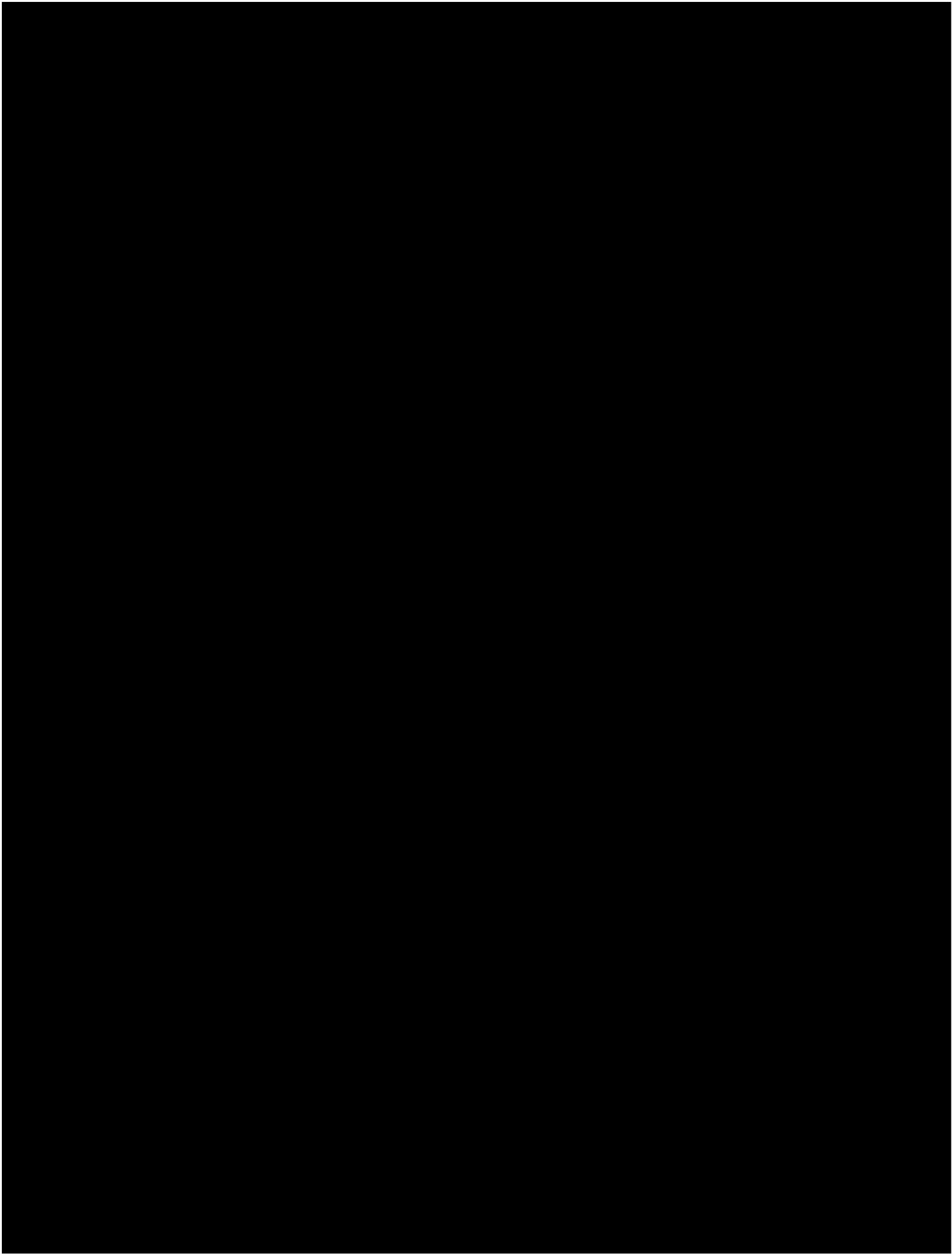












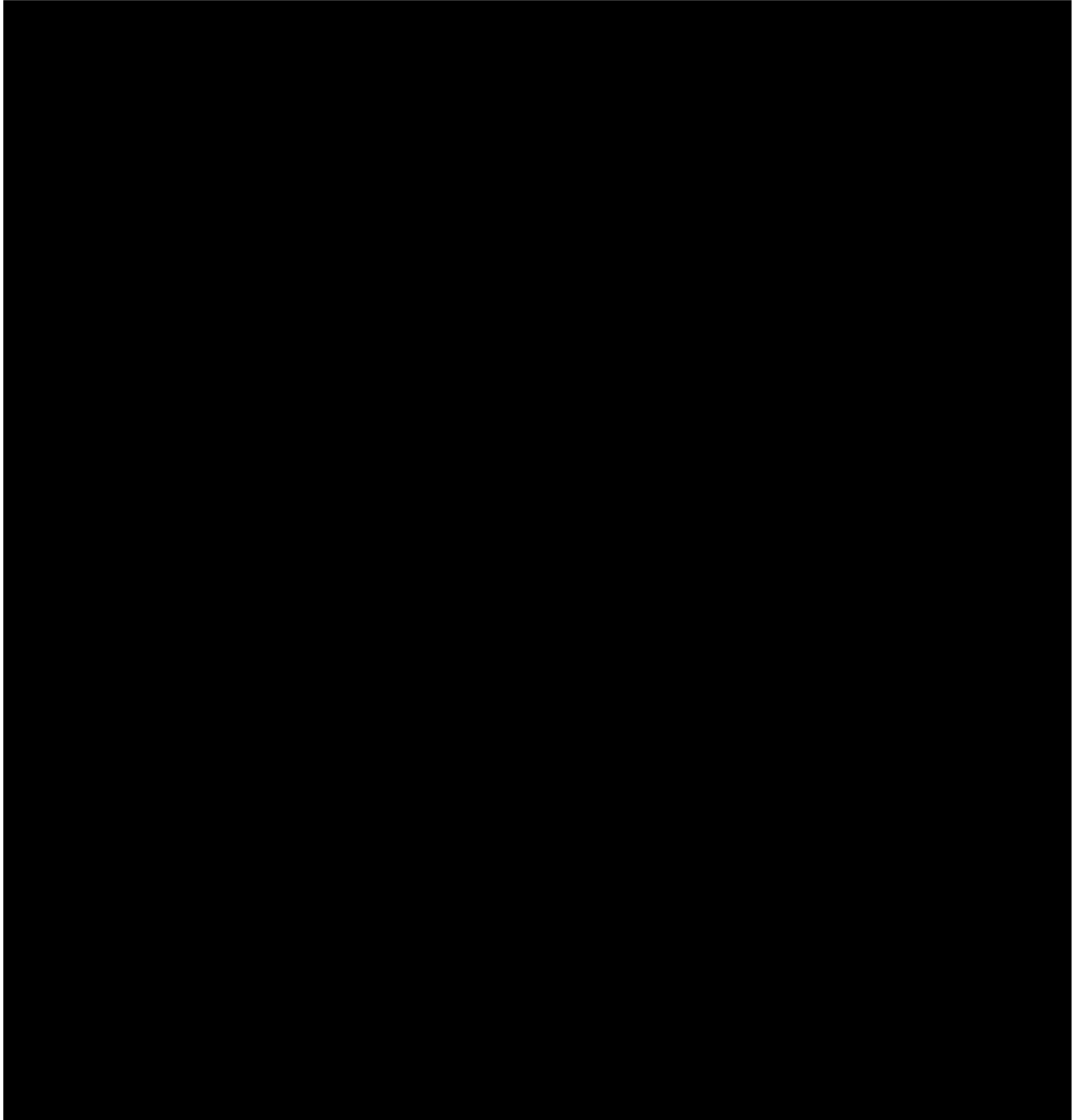


SOUTH TEXAS ELECTRIC COOPERATIVE SAM RAYBURN POWER PLANT

Verification of Adequacy and Operability of Fuel Switching Equipment Plan

1. PURPOSE/SCOPE

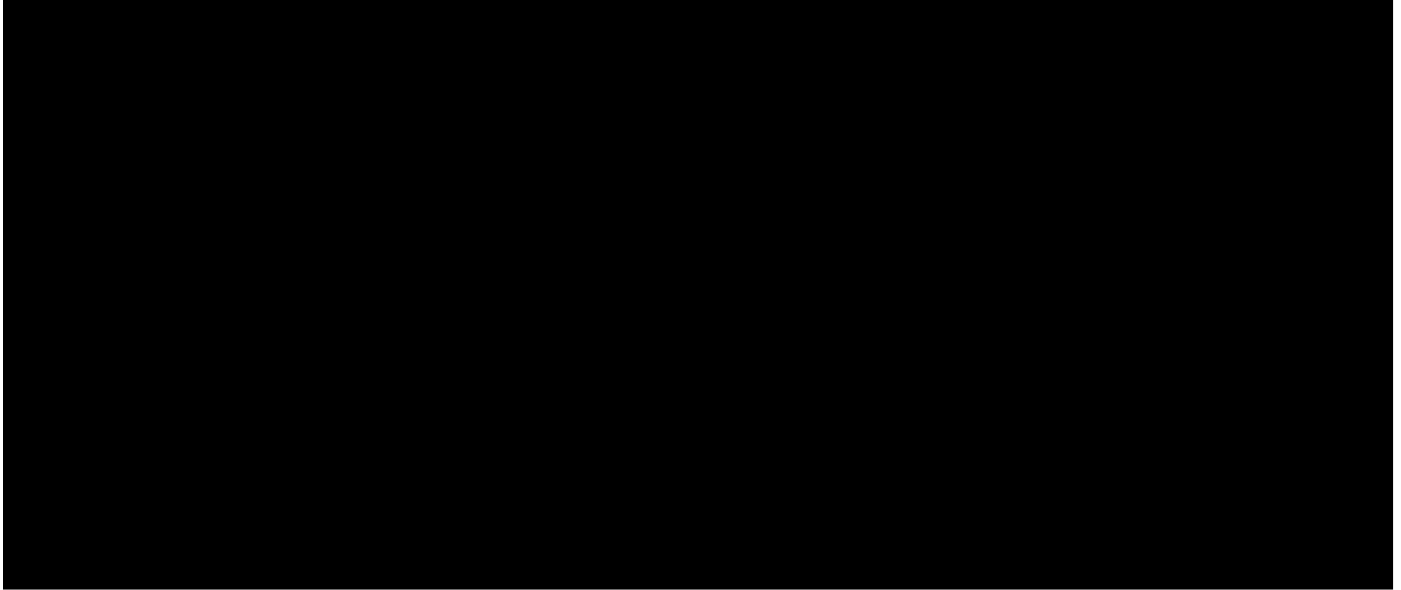
The purpose of this plan is to identify and describe the procedures and measures to be taken at the STEC Sam Rayburn Power Plant to verify the adequacy and operability of fuel switching equipment as required by Title 16 Chapter 25 Subchapter C Section Rule 25.53





SOUTH TEXAS ELECTRIC COOPERATIVE SAM RAYBURN POWER PLANT

Verification of Adequacy and Operability of Fuel Switching Equipment Plan





SOUTH TEXAS ELECTRIC COOPERATIVE

Flood Response Procedure

1. PURPOSE/SCOPE

This procedure will outline the actions that need to be taken in preparation for and during a flooding event at a STEC or STSP generating facility. The plan will also assign who is responsible for completing each action.

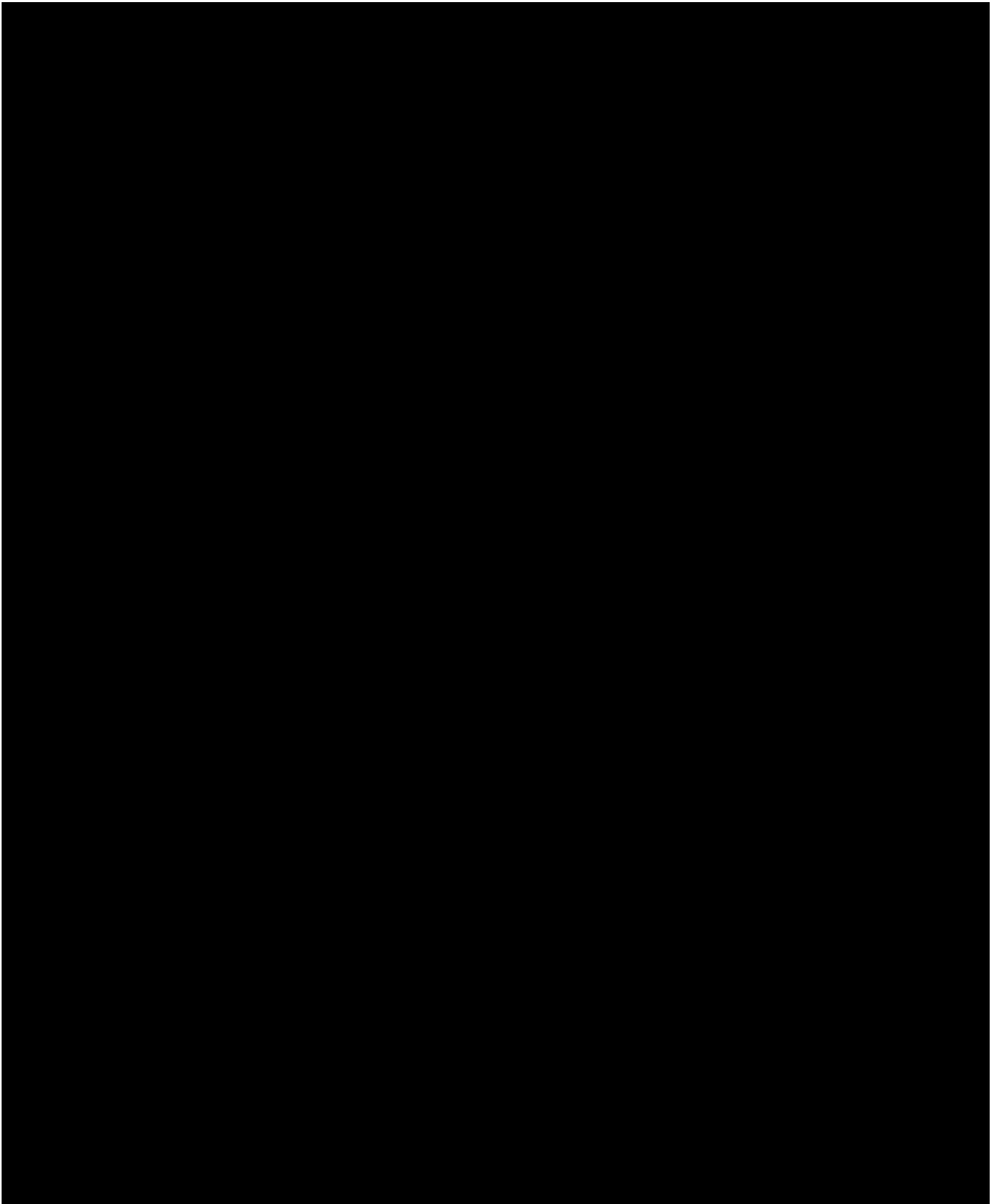
2. DEFINITIONS

- 2.1. The National Weather Service may be used to forecast flood conditions at a generating facility or rainfall that may lead to flood conditions.
- 2.2. The National Weather Service Advanced Hydrologic Prediction Service Hydrograph may be used to predict river conditions that may lead to flooding at the Sam Rayburn Power Plant. The hydrograph can be found on the NWS website:
<http://water.weather.gov/ahps2/hydrograph.php?wfo=crp&gage=vict2>



SOUTH TEXAS ELECTRIC COOPERATIVE

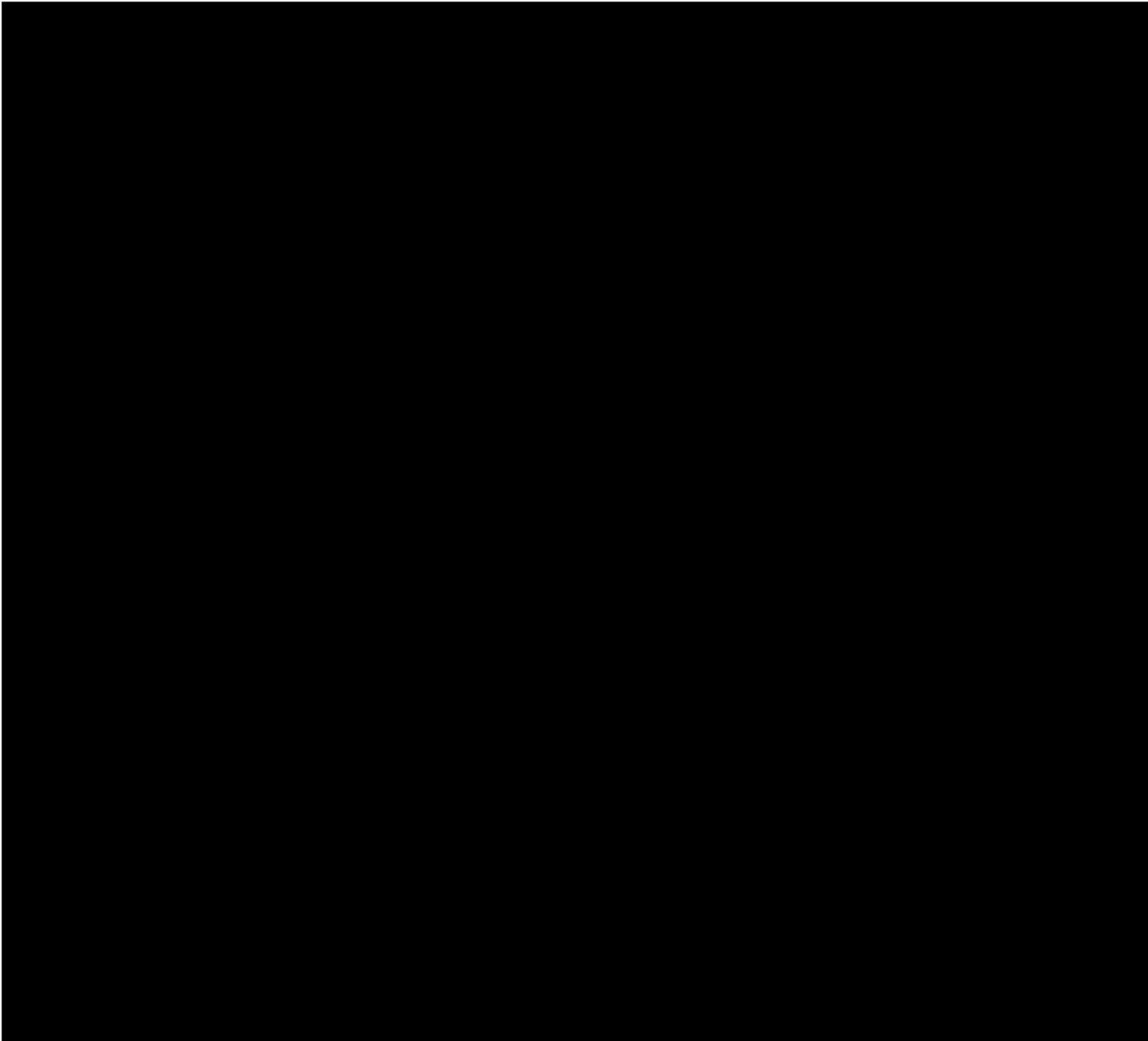
Flood Response Procedure





SOUTH TEXAS ELECTRIC COOPERATIVE

Flood Response Procedure





SOUTH TEXAS ELECTRIC COOPERATIVE

POWER SUPPLY DIVISION

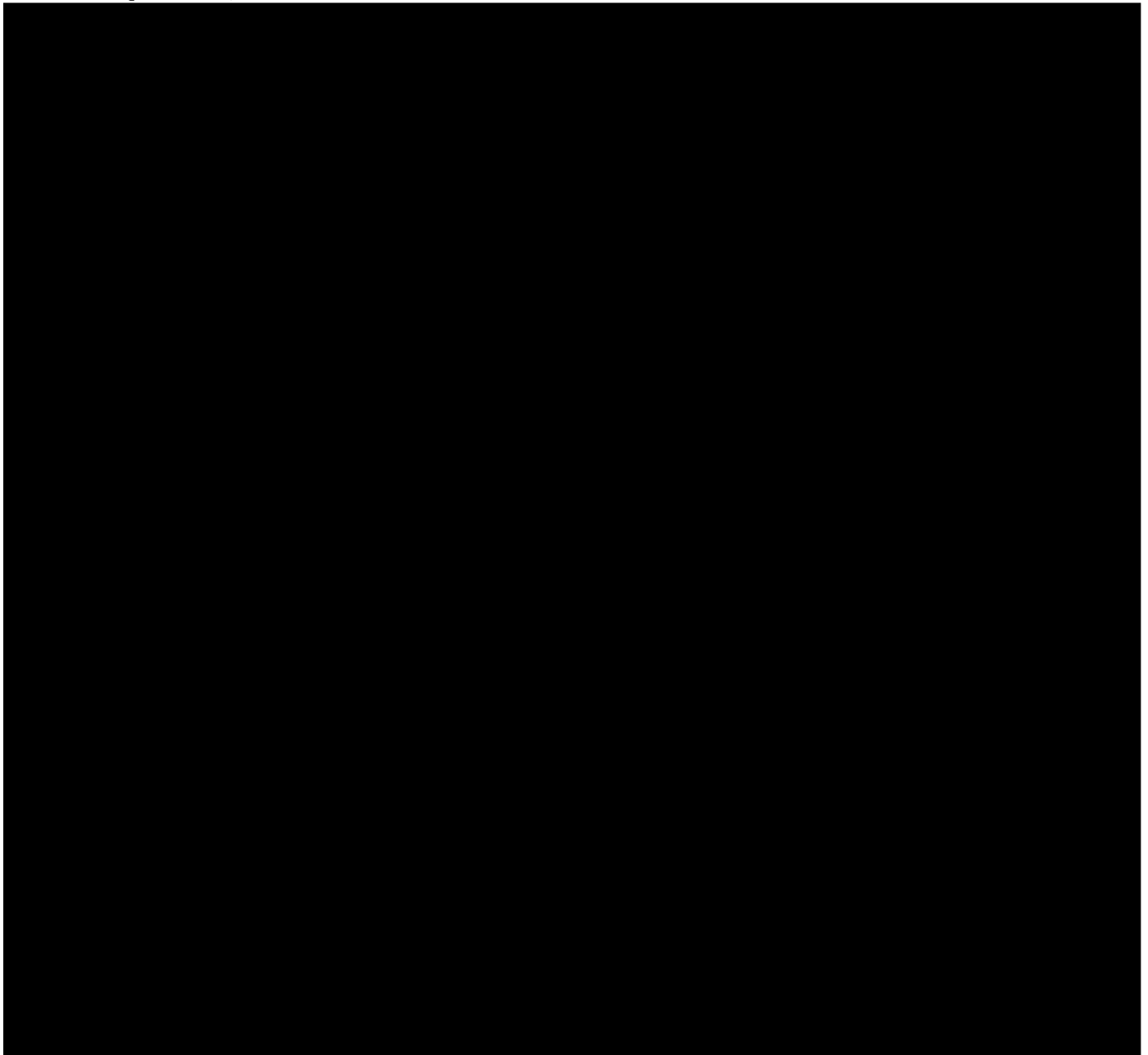
EMERGENCY OPERATIONS – WATER SHORTAGES AT GENERATING FACILITIES PLAN

1. PURPOSE/SCOPE

The purpose of this plan is to identify and describe the procedures and measures to be taken at the Sam Rayburn Power Plant, Pearsall Power Plant, and the Red Gate Power Plant when process water shortages threaten or affect the output from the generating units at each facility. This plan is intended to address the requirements of Title 16 Chapter 25 Subchapter C Section Rule 25.53 as they apply to STEC generating facilities. STSP facilities do not require water to operate and are not included in this plan.

2. DEFINITIONS

- 2.1. Process Water – Water used directly in the processes associated with the generation of electricity or critical to support those processes (e.g., steam cycle makeup, process cooling, fire protection, direct process use).

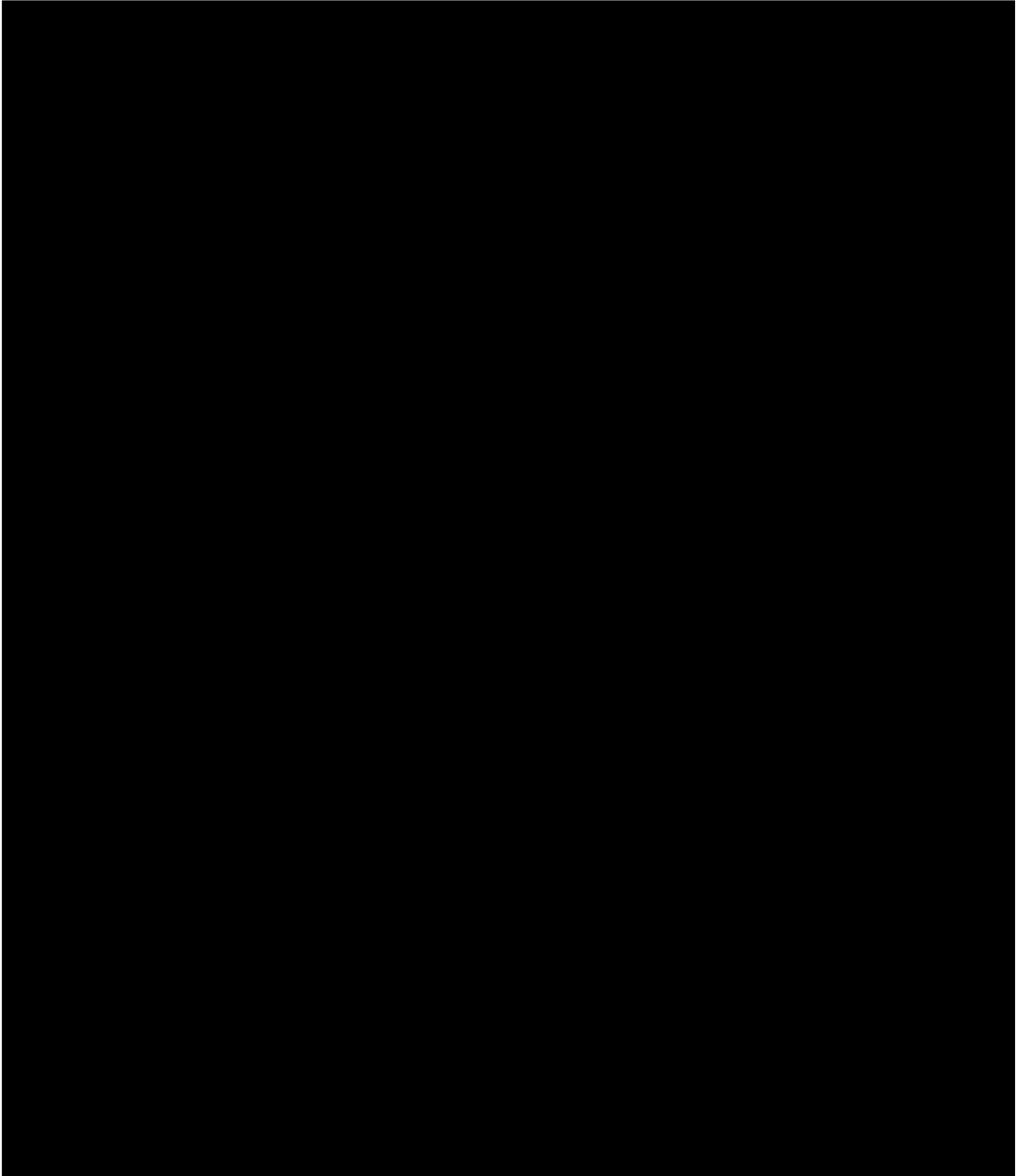




SOUTH TEXAS ELECTRIC COOPERATIVE

POWER SUPPLY DIVISION

EMERGENCY OPERATIONS – WATER SHORTAGES AT GENERATING FACILITIES PLAN

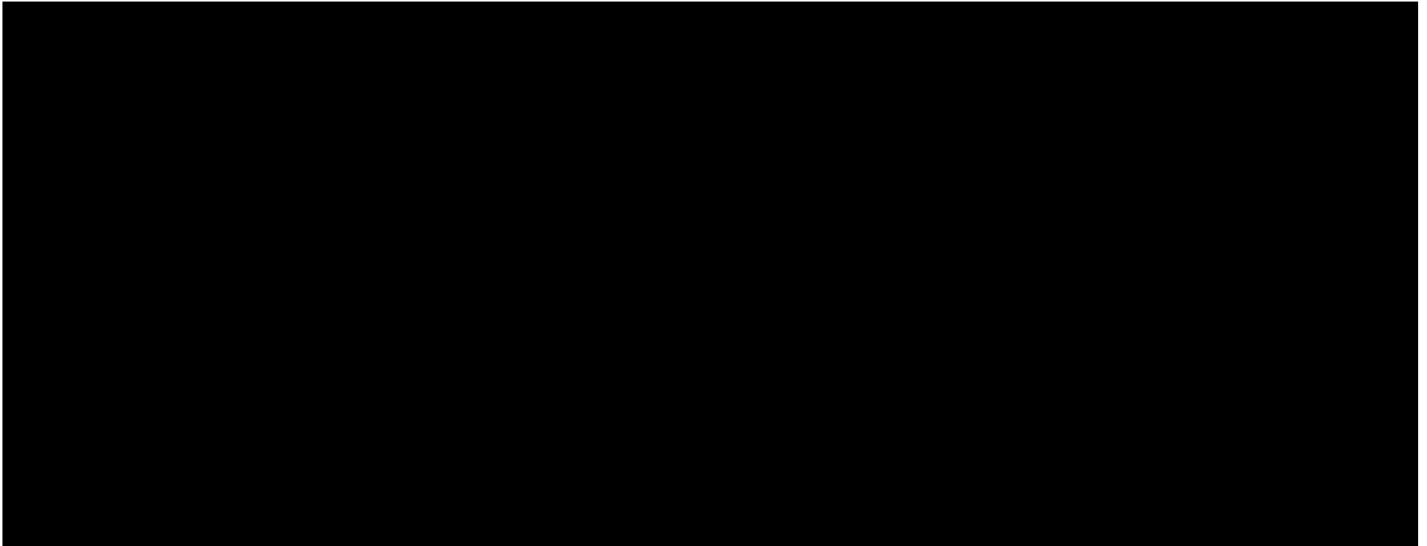




SOUTH TEXAS ELECTRIC COOPERATIVE

POWER SUPPLY DIVISION

EMERGENCY OPERATIONS – WATER SHORTAGES AT GENERATING FACILITIES PLAN





SOUTH TEXAS ELECTRIC COOPERATIVE

Restoration of Service at Generation Facilities Plan

1. PURPOSE/SCOPE

The purpose of this plan is to identify and describe the procedures and measures to be taken at the STEC or STSP generation facilities to restore service after a resource trips offline or fails to start during a weather emergency or the threat of a weather emergency. This plan is intended to fulfill the requirements of Title 16 Chapter 25 Subchapter C Section Rule 25.53(e)(2)(C).

2. DEFINITIONS

2.1. Weather Emergency – A Weather Emergency is a severe weather event that has the potential to interrupt the generation of electricity, damage equipment, or poses a threat to the safety of personnel at a generating facility. A Weather Emergency may include but is not limited to a hurricane, extreme hot weather event, extreme cold weather event, flood, or drought that is predicted to impact, or is actively impacting, a generation facility.



SOUTH TEXAS ELECTRIC COOPERATIVE

Restoration of Service at Generation Facilities Plan

