
CTD Generators

CTD POWER GENERATION!

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Introduction

The CTD Mod can work without the Generators if you have access to another power generation system. However this Mod cannot work without the original CTD Mod, for it uses most of its components and blocks.

CTD doesn't need that much power so the power generation is not that great, but hopefully unique and fun to play with as a start.

It adds some new blocks, items and even world gen.

1 World Gen

Blocks	Drop	Tool Level	Ore rarity
Lead	Lead Ore	Iron	Iron
Silver	Silver Ore	Iron	Gold
Antimony	Antimony Ore	Iron	Gold

2 Non-electrical

2.1 Alloy Furnace

Crafting:

Brick	Brick	Brick
Brick	Furnace	Brick
Brick	Coal	Brick

The Alloy furnace is somewhat familiar to the furnace, except it uses two items two melt into something else.

2 Lead	Antimony	3 Alloyed Lead Ingot
8 Glass	Silver Ingot	4 Reflectors

3 Items

3.1 Tin Wire

Crafting:

Tin Ingot	Tin Ingot	Tin Ingot

Makes: 6 Tin Wires.

Crafting Component.

3.2 Lead Battery

Crafting:

	Tin Wire	
Alloyed Lead Ingot	Redstone Dust	Alloyed Lead Ingot
Alloyed Lead Ingot	Redstone Dust	Alloyed Lead Ingot

Crafting Component.

3.3 Grtzel Battery

Crafting:

	Tin Wire	
Alloyed Lead Ingot	Titanium Dust	Alloyed Lead Ingot
Alloyed Lead Ingot	Titanium Dust	Alloyed Lead Ingot

Crafting Component.

3.4 Cooling Module

Crafting:

Electronic Circuit	Ice	

Crafting Component.

3.5 Heating Module

Crafting:

Electronic Circuit	Lava Bucket	

Crafting Component.

3.6 Pump Module

Crafting:

Electronic Circuit	Wooden Gear	Piston

Crafting Component.

3.7 Solar Power Module

Crafting:

Reflector	Reflector	Reflector
Transfer Pipe(fluid)	Grtzel Cell	Transfer Pipe(fluid)
Copper Wire	Advanced Electronic Circuit	Copper Wire

Crafting Component.

3.8 Advanced Solar Module

Crafting:

Reflector	Solar Power Modules	Reflector
Solar Power Modules	Advanced Electronic Circuit	Solar Power Modules
Reflector	Solar Power Modules	Reflector

Crafting Component.

4 Generators

4.1 Steam Generator

Crafting:

Bricks	Lead Battery	Bricks
Bricks	Pump Module	Bricks
Bricks	Furnace	Bricks

The st tier of Generators, the old trusted coal consuming furnace converting heat into steam, steam into pressure, pressure makes the internal pump work, which rotates the dynamo and creates electrical energy, stored inside the Lead Batteries.

Supply it with water and coal to generate your first bits of electrical energy.

4.2 Solar Generator

Crafting:

Glass Pane	Daylight Sensor	Glass Pane
Bricks	Solar Power Module	Bricks
Bricks	Furnace	Bricks

A solar Generator absorbs heat from Solar Power, to heat up its Photo electrochemical cells (the Grtzel cell) and convert it into electricity.

Make sure the solar Generator is supplied with water and can be touched by sunlight. Only uses 1 mB/t, but still needs about 12 buckets per day to function.

4.3 Advanced Solar Generator

Crafting:

Glass Pane	Daylight Sensor	Glass Pane
Bricks	Advanced Solar Power Module	Bricks
Bricks	Furnace	Bricks

Works Similar as the Solar Generator, but only needs to receive 1 bucket of water once. Produces 4x as much energy as the Solar Generator.