

# Annual CCR Fugitive Dust Control Report for Baldwin Power Plant

*Prepared for:*



**Dynegy Midwest Generation, LLC**

**Baldwin Energy Complex  
10901 Baldwin Road  
Baldwin, IL 62217**

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**Baldwin Power Plant  
ANNUAL CCR FUGITIVE DUST CONTROL REPORT**

Reporting Year: 4th Quarter 2018 through 3<sup>rd</sup> Quarter 2019

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Name Title

This Annual CCR Fugitive Dust Control Report has been prepared for the Baldwin Power Plant as required by 40 CFR 257.80(c). Section 1 provides a description of the actions taken to control CCR fugitive dust at the facility during the reporting year. Section 2 provides a record of citizen complaints received concerning CCR fugitive dust at the facility during the reporting year and a summary of any corrective measures taken.

**Section 1 Actions Taken to Control CCR Fugitive Dust**

In accordance with the Baldwin Power Plant CCR Fugitive Dust Control Plan (Plan), the following measures were used to control CCR fugitive dust from becoming airborne at the facility during the reporting year:

CCR Activity	Actions Taken to Control CCR Fugitive Dust
Management of CCR in the facility's CCR units	Wet management of CCR bottom ash and CCR fly ash in CCR surface impoundments.
	Apply water and/or dust suppressant to areas of exposed CCR in CCR units, as necessary.
	Naturally occurring grass vegetation in areas of exposed CCR in CCR surface impoundments.
Handling of CCR at the facility	Wet sluice CCR bottom ash to CCR surface impoundments.
	Pneumatically convey dry CCR fly ash and CCR FGD materials to storage silos in an enclosed system.
	CCR scrubber ash to be emplaced in an offsite third-party owned/operated landfill is conditioned before loading into trucks for transport to the landfill.
	Water is added to CCR fly ash at the loadout silo for on-site transport.
	Load CCR transport trucks from the CCR fly ash and CCR FGD materials silos in a partially enclosed area.

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CCR Activity	Actions Taken to Control CCR Fugitive Dust
Handling of CCR at the facility	Load CCR transport trucks from the CCR fly ash silos using a telescoping chute.
	Transfer CCR dry fly ash into rail cars using a railcar loading spout and associated dust filter collection system.
	Perform housekeeping, as necessary, in the CCR ash loading areas.
	Operate CCR fly ash and CCR FGD materials handling system in accordance with good operating practices.
	Maintain and repair as necessary dust controls on the CCR fly ash handling system and the CCR fly ash rail load-out system.
Transportation of CCR at the facility for onsite and offsite disposal	CCR scrubber ash to be disposed in an offsite third-party owned/operated landfill is conditioned before being loaded into trucks for transport to the landfill.
	Water is added to CCR fly ash at the loadout silo for on-site transport.
	CCR fly ash to be transported offsite may be loaded into a fully-enclosed truck.
	Cover or enclose trucks or containers used to transport CCR, as necessary.
	Limit the speed of vehicles to no more than 15 mph on facility roads.
	Sweep or rinse off the outside of the trucks transporting CCR, as necessary.
	Remove CCR, as necessary, deposited on facility road surfaces during transport.

Based on a review of the Plan and inspections associated with CCR fugitive dust control performed in the reporting year, the control measures identified in the Plan as implemented at the facility effectively minimized CCR from becoming airborne at the facility. This included application of water on areas outside the silos and on unpaved roads. The addition of a chemical dust suppressant was used in May and August in anticipation of increased vehicle travel on limited unpaved roads. No revisions or additional control measures were needed to control CCR fugitive dust.

No material changes occurred in the reporting year in site conditions potentially resulting in CCR fugitive dust becoming airborne at the facility that warrant an amendment of the Plan.

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**Section 2 Record of Citizen Complaints**

No citizen complaints were received regarding CCR fugitive dust at Baldwin Power Plant in the reporting year.

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