



Touring Green

2008 – 2024



We are pleased to issue this report on the completion of 16 years of Clark Transfer's Touring Green program (2008 – 2024).

As you will read, Touring Green was launched in early 2008 in response to Norma Deull's challenge to Clark Transfer, after seeing *An Inconvenient Truth*, to address the environmental consequences of moving the sets and equipment of live entertainment. The program is a key part of our commitment to reduce what we can—and to more than offset the rest.

From 2008 – 2024, more than 165 companies participating in Touring Green have offset over 49,000 metric tons of carbon emissions by investing in projects such as methane digesters and wind power through our partner Native Energy. About half the customers now moving their shows with Clark Transfer have voluntarily paid a couple cents per mile, totaling over \$400,000 since 2008, to fund these projects. To date, the total amount offset by these touring shows slightly exceeds the estimated direct carbon footprint of two years of Broadway productions.

We believe that becoming “carbon neutral” is insufficient. Touring Green is structured so that participants fund the offsets of more carbon than is emitted in moving their shows, with the goal of being “carbon negative” or “climate positive.”

Due to higher costs of quality offset programs, to keep Touring Green climate positive, the cost per mile increased in 2024 from \$0.015 to \$0.025. This was the first such increase since the program's launch in 2008.

Clark Transfer is a proud founding member of the Broadway Green Alliance, and is delighted to work with touring shows to make live entertainment more sustainable.

The rest of this report contains:

- Why Touring Green?
- How Touring Green Works
- Participant List
- Current and Past Project Descriptions

Why Touring Green?

Reducing and preventing the harmful effects of climate change is a major global challenge. Progress in meeting this challenge depends on individuals, businesses, and governments taking prompt and effective action.

Touring Broadway shows, orchestras, ballets, and other live entertainment productions travel millions of miles every year to bring quality entertainment to people across the USA and around the world. The trucks moving much of the equipment for these productions burn diesel fuel, emitting thousands of tons of carbon dioxide, a leading contributor to the climate crisis.

Recognizing this, in 2007 Clark Transfer President Norma Deull asked the Clark team to design a program to reduce these emissions where possible and to “offset” the remaining carbon impact by funding alternative energy and conservation programs that prevent other emissions. Working with its fleet of independent owner-operators, Clark Transfer is engaged in an ongoing internal effort to introduce new technologies, education, and incentives aimed at shrinking the “carbon footprint” of trucking live entertainment.

To deal with the remaining emissions, Clark Transfer conducted extensive research before selecting NativeEnergy as the Touring Green program offset provider. NativeEnergy is a leading international provider of high-quality carbon offsets. Clark Transfer has selected a portfolio of specific projects offering short- and long-term offsets and, along with its own direct corporate contributions, offers its customers the opportunity to participate in the program by purchasing these offsets from NativeEnergy.

NativeEnergy offers a full range of carbon offsets and has a wealth of information available on its website: www.nativeenergy.com. NativeEnergy can help offset emissions from personal travel, home and business operations, special events, and other business activities. For information about other opportunities to offset carbon emissions, contact NativeEnergy at business@nativeenergy.com or 800-924-6826.

Launched in 2008, Touring Green unites Clark Transfer, NativeEnergy, and leading Broadway shows, orchestras, and ballet companies in the effort to offset the carbon impact of moving theatrical scenery, equipment, and instruments.

How Touring Green works

Touring Green participants help fund new renewable energy and carbon emissions reduction projects through NativeEnergy. These projects help to balance out – or neutralize – the climate impact of transporting theatrical equipment. They displace greenhouse gas emissions that otherwise would be produced by burning fossil fuels for energy production or from the release of methane into our atmosphere.

To administer Touring Green, Clark Transfer includes a separate charge in each participant's bill and remits 100% of the amount received to NativeEnergy, which applies these funds to the selected group of projects. NativeEnergy reports to Clark Transfer and Touring Green participants about the projects funded, the economic and social benefits they create, and their impact on climate change solutions.

Since Touring Green launched in 2008, Clark Transfer customers have:

- Dedicated more than **\$400,000** to mitigating the carbon footprint of more than **26 million driven miles**
- Offset more than **49,000** metric tons of carbon dioxide: about **twice the annual carbon footprint of all Broadway theaters** and the equivalent of more than **5 million gallons** of diesel fuel!

Touring Green is:

Easy. Clark Transfer has done the work of vetting and partnering with a premier high quality offset provider to support effective offset projects at a modest cost.

Inexpensive. For two-and-a-half pennies (\$0.025) per mile for each trailer, participating productions can more than offset the carbon emissions from moving their shows*.

Effective. Projects are selected to reduce both current and future emissions. They include a range of approaches, such as new wind turbines, methane digesters on family farms, and gas capture projects at landfill sites. They are intended to more than offset current-year emissions over a multi-year period and be better than “carbon-neutral”.

* From 2008 – 2023, the cost was \$0.015 per mile per trailer.

Participants in Touring Green (2008 – 2024)

101 Productions

Pretty Woman
Spamalot
The Addams Family

321 Theatrical Management

Bring It On
Traces

AJR Brothers

Alchemation

Devil Wears Prada
Six

Alchemy Production Group

Come From Away

Alma Artist Booking & Management

B The Underwater Bubble Show

American Art Fair

Angel Productions Worldwide Inc.

Criss Angel - RAW
Criss Angel Raw: The Mindfreak Unplugged

Aqua Event Management

Lexus
Toyota

Baseline Theatrical

Hamilton

Beautiful Tour Carole Company LP

Beautiful

Bespoke Theatricals

Almost Famous
Back to the Future
Mamma Mia
MJ
The New One

Blue Man Productions, LLC

The Blue Man Group

Crossroads Live

How the Grinch Stole Christmas
Tina

Disney Theatrical

Aladdin
Beauty and the Beast
The Lion King
Mary Poppins

Dodger Properties LLC

Jersey Boys
Summer: The Donna Summer Musical

Don Gilmore Productions, LLC

How the Grinch Stole Christmas

Enliven Production Group, Inc.

Enliven

Entertainment Project Service LLC

Evan Bernardin Productions

Fatherland
Million Dollar Quartet Christmas
On Your Feet

Center Stage

Cirque du Soleil

A Magical Cirque Christmas
Cirque du Soleil - Holiday Tour

CRC Productions

Freud's Last Session

D & M Touring LLC

Donny & Marie

Dallas Summer Musicals

David Eden Productions Ltd.

Cripple of Inishmaan
Shadow of the Glen

Discovery Times Square

Foresight Theatrical LLC

Girl from the North Country
Million Dollar Quartet
Miss Saigon
Moulin Rouge
Spider-Man, Turn Off The Dark

Foy Invention Enterprises

Global Scenic Services, Inc.

High Output

Antiques
Antiques RoadShow
High Output

Hudson Theatrical Associates

American Idiot

Joey Parnes Productions, LLC

A Gentleman's Guide to Love and Murder
End Of The Rainbow

Juniper Street

33 Variations

Lankey & Limey, Ltd.

Clinton Global Initiative

Maestro Artist Management

Brodsky / Baryshnikov

MagicSpace Entertainment, Inc.

Alton Brown Live: Beyond The Eats
Gold Over America Tour
Illusionists - Magic of the Holidays
The Illusionists

McCoy Rigby Entertainment

Camelot
Mystic Pizza

NETworks Presentations, LLC

1776
A Beautiful Noise
A Gentleman's Guide to Love and Murder
Anastasia
Anything Goes
The Band's Visit
Beetlejuice
Billy Elliot
Book of Mormon
Bridges Of Madison County
Bronx Tale
Bullets Over Broadway
Charlie and the Chocolate Factory
Dirty Dancing
Elf
Falsettos
Fiddler on the Roof
Finding Neverland
Flashdance
Funny Girl
Godspell
Hairspray
How to Succeed in Business
Into the Woods
Jersey Boys
The King and I
La Cage Aux Folles
Les Misérables
Life of Pi
Matthew Bourne's Swan Lake
Miss Saigon
Once
Once On This Island
Peter Pan
Phantom of the Opera
Prom
Shrek The Musical
The Sound of Music
South Pacific
The King & I
The Wiz
To Kill A Mockingbird
War Horse
Young Frankenstein

Pemberley Productions

Last Ship
Message in a Bottle
Woman in Black

Pomegranate Arts

Sankai Juku
Taylor Mac's Holiday Sauce

Participants in Touring Green (2008 – 2024)

PRG - Scenic Technologies

Merchants of Bollywood

Proof Productions Inc.

Camelot

WNYC

Radiolab

Rail Events Productions

RCI Theatricals

Anastasia

Hadestown

Jagged Little Pill

Oklahoma

Richard Frankel Productions

The Rat Pack

Richards/Climan Inc.

12 Angry Men

August Osage

Blithe Spirit

Right Angle Entertainment, LP

Wheel of Fortune

Road Rebel

Play That Goes Wrong

Rock of Ages

Rock-It Cargo

Roy Gabay Theatrical Production & Mgt

39 Steps

Shakespeare Theatre Company

Leopoldstadt

Showman Fabricators

Sound Associates

Spacepants Events Corp

We're All Doomed!

The Charlotte Wilcox Company

Allegiance

Drowsy Chaperone

Title of Show

Thearent Inc.

Thompson Turner Productions

Book of Mormon

God of Carnage

Mean Girls

Shrek The Musical

Troupe America

Church Basement Ladies

Upstate Scenic

Wagner Johnson Productions

Once Upon a Mattress

Work Light Productions, LLC

Ain't Too Proud

Clue

Motown

Mrs. Doubtfire

Something Rotten

Orchestras/Opera Companies

Atlanta Symphony

Berliner Philharmoniker

Boston Symphony Orchestra

Bruckner Orchester Linz

Budapest Festival Orchestra

Buffalo Philharmonic Orchestra

Chicago Symphony Orchestra

China Philharmonic Orchestra

Cincinnati Symphony and Pops Orchestra

City of Birmingham Symphony Orchestra

Czech National Symphony Orchestra

Dallas Symphony Orchestra

Deutsche Staatsphilharmonie

Estonian National Symphony

European Youth Orchestra

Florentine Opera

Israel Philharmonic Orchestra

London Philharmonic Orchestra

London Symphony Orchestra

Mariinsky Orchestra

Milwaukee Symphony Orchestra

Minnesota Opera

National Symphony Orchestra

National Symphony Orchestra of Ukraine

National Youth Orchestra

New World Symphony

New York Philharmonic

Nordwestdeutsche Philharmonie

Opera On The James

Opera Philadelphia

Opera Santa Barbara

Orchestre De Paris

Orchestre National De France

Orchestre Revolutionnaire et Romantique

Paris Opera Ballet

Philadelphia Orchestra

Philharmonia Orchestra

Pittsburgh Symphony Orchestra

Prague Philharmonia

Royal Concertgebouw Orchestra

Russian National Orchestra

Saint Louis Symphony

Saint Petersburg Philharmonic

San Diego Symphony

San Francisco Opera

Seattle Symphony

Seoul Philharmonic Orchestra

Staatskapelle Berlin

Summer Opera Theatre Company

Tai Pei Chinese Orchestra

Taiwan Philharmonic

Utah Symphony

Vienna Symphony Orchestra

Washington Opera

Ballet Companies

American Ballet Theatre

Boston Ballet

Cedar Lake Contemporary Ballet

Cincinnati Ballet

Colorado Ballet

Hamburg Ballet

Kansas City Ballet

Lafayette Ballet Theatre

Miami City Ballet

Milwaukee Ballet

New York City Ballet

Richmond Ballet

Royal Danish Ballet

Sacramento Ballet

Saint Louis Ballet

Washington Ballet

Theatres

5th Avenue Theatre

Alley Theatre

American Conservatory Theater

Ford's Theatre

Cabrillo Music Theatre

Center Theatre Group

Curtis Institute of Music

Fox Theatre

Fulton Theatre

Grand Island Northwest High School

Guthrie Theater

Huntington Theatre

Indiana Repertory Theatre

Lincoln Center for the Performing Arts

Lincoln Park Performing Arts Center

Maine State Music Theatre

Manhattan Theatre Club

Metropolitan Opera House

Ogunquit Playhouse

Pasadena Playhouse

Portland Center Stage

Portland State University

Princeton Triangle Club

Reagle Music Theatre

Roundabout Theatre Company

Shubert Theatre

Summer Opera Theatre Company

Syracuse Stage

The Gateway PAC of Suffolk County

The Kings Academy

TheatreSquared

Tuacahn Center for the Arts

Two River Theatre

Wolf Trap

Current projects



Sky Wind Project, India

The Sky Wind Project is a 96 MW wind project located in a rural area of Maharashtra, India. The power produced displaces an equivalent amount from the grid, which is fed mainly by fossil fuel fired power plants and is considered a “dirty grid.” The average GHG emission reductions from the project is 135,000 tCO₂e per year, the equivalent of almost 14,000 US homes’ annual energy use.

From Waste to Fuel: Improving Agriculture and Livelihoods in Mexico

The project provides small-scale and subsistence farmers with cookstoves and biofuel that reduce methane emissions from organic waste by capturing and burning the gas while displacing “dirty” energy sources. Over the course of 4 years, 3,000 farming households across Mexico will participate, reducing ~385,000 tCO₂e over a 10-year horizon.



From Waste to Fuel: Improving Agriculture and Livelihoods in Uganda and Kenya

Similar to the above, this project provides small family farms with organic fertilizer and small-scale digesters that capture biofuel for cooking. Over the course of the 10 year project, over 10,000 farming households in the several coffee and sugar growing regions of Uganda will participate and contribute to the reduction of ~660,000 tCO₂e.



Projects supported in the past

Des Plaines Landfill Gas Project (2008-2009)

Supported 3.5mW generation facilities that use trapped landfill gas, preventing methane emissions and burning of fossil fuels



Mains Family Farm Project (2008-2009)

Supported construction of anaerobic methane digester for manure conversion and 74kW electricity generation at dairy farm in southern Pennsylvania



St. Leon Wind Project (2008-2009)

Supported construction of a 63 turbine, 99mW wind power installation, one of the first renewable energy projects in Manitoba



Hillcrest Saylor Farm Project (2009)

Supported construction of anaerobic methane digester for manure conversion and 130kW electricity generation at dairy farm in western Pennsylvania



Noblehurst Family Farm Project (2009)

Supported construction of anaerobic methane digester for manure conversion and 130kW electricity generation at dairy farm in western New York



Greensburg Wind Farm Project (2009-2010)

Supported construction of 12.5mW wind farm in Kansas, powering 4,000 homes. Project was named 2011 "Wind Project of the Year" by *Renewable Energy World*



Wewoka Biogas Project (2011)

Supported construction of methane capture system at landfill in Oklahoma, with collected gases used to fire brick kilns



Northeast Farm Separation Project (2011-2013)

Supported construction of solid waste centrifuge at a dairy farm in Pennsylvania, preventing methane generation due to anaerobic decomposition and phosphorus runoff into the Chesapeake Bay



Capricorn Ridge Wind Project (2016)

Supported accelerated development of 112.5mW wind farm in Texas serving the spot market



Southern Ute Methane Project (2016-2017)

Supported construction of methane capture systems at natural coal seams on tribal land in Colorado



Dempsey Ridge Wind Project (2017)

Supported accelerated development of 132mW wind farm in Oklahoma serving the spot market



Seneca Meadows Landfill Gas to Energy Project (2018)

Supported methane capture and 18mW generation facilities at landfill in Finger Lakes region of New York

