

TOOLKIT TUTORIAL

A HOW-TO GUIDE FOR TOOLS ON
THE GREEN PRODUCTION GUIDE

Visit [GreenProductionGuide.com](https://www.GreenProductionGuide.com) for additional tools, resources and vendors to reduce the environmental impact of your production



GREEN PRODUCTION GUIDE

PRIMARY TOOLS

Download tools [here](#).



PEACH:

Production Environmental Action Checklist – sustainability best practice checklist



PEAR:

Production Environmental Accounting Report – carbon footprint calculator



PLUM

Production Lumber Material – plywood use tracker

KEY TERMS



CARBON FOOTPRINT

The amount of greenhouse gases (GHG), measured in CO₂e, released into the atmosphere due to your activities



ENERGY EFFICIENCY

Using less energy to perform the same task



FSC CERTIFIED

Ensures products come from responsibly managed forests that provide environmental, social and economic benefits



REUSE VS. RECYCLE

Reuse is the action of using something again vs. recycling, which is when a used item is broken down to make raw materials to manufacture new products



COMPOSTABLE VS. BIODEGRADABLE

A product is compostable if it is capable of disintegrating into natural elements like soil, whereas a product is biodegradable if can be decomposed by microorganisms



ALTERNATIVE FUELS

Fuel that is derived partly or wholly from a source other than petroleum and that is less damaging to the environment than traditional fuels

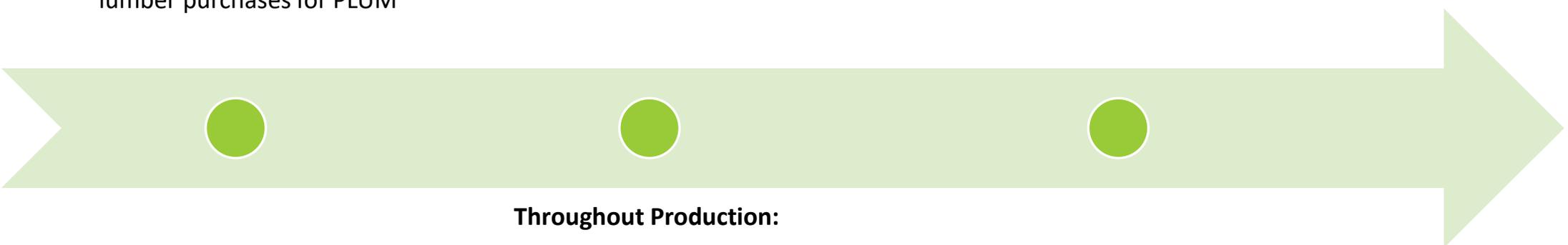
TIMELINE

Pre-Production:

1. Collaborate with Department Heads to complete PEACH Prep
2. Confirm Accounting is carbon tracking to complete PEAR
3. Confirm Construction is tracking lumber purchases for PLUM

Wrap:

1. Revisit PEACH Wrap with Department Heads
2. Request data from Accounting, payroll, vendors, etc. to complete PEAR
3. Complete PLUM using lumber invoices from the Construction department



Throughout Production:

1. Food Donations
2. Continue implementing sustainable best practices

PEACH

Overview: The PEACH (Production Environmental Actions Checklist) & PEACH+ (with added measures) include practices that each department can implement throughout production.

Production Prep:

- Complete contact information and “Prep” column by having each Department Head respond “Yes” or “No” to a few questions relating to their department (i.e., accounting, catering, transportation)
- Use this as a planning tool to see what sustainable actions each department might be able to implement throughout the season

Production Wrap:

- Revisit PEACH and complete the “Wrap” column by having each Department Head respond “Yes” or “No” to the same questions and see what was implemented
- Points are awarded for each action, with some more impactful actions weighted more than others
- Include any comments relating to vendors or other notes

EMA Green and Gold Seal Awards

- If your production scores over 75 points, you may qualify for recognition by the [Environmental Media Association](#)

PEACH: Prep

1. Complete contact information
2. Complete the “Prep” column by having each Department Head respond “Yes” or “No” to a few questions relating to their department (i.e., accounting, catering, transportation)

| | | | |
|--|-------------------|---------------------|---------------|
| Production Name: | Sample Production | Date: | Sample Date |
| Production Location(s): | Sample Location | UPM: | Sample UPM |
| Sustainable Production Representative (SPR): | Sample SPR | POC: | Sample POC |
| Production Type: | Choose One | Season: | Sample Season |
| Production Sub-Type: | Choose One | Studio Affiliation: | Sample Studio |

● = EMA Green Seal, ● = Infographics

| PRODUCTION | | | | | | |
|---|-----------------|--------------------|------------------|-------------------|---------------|---|
| Answered by (Name/Title): | | | | | | |
| Best Practices | Points Possible | Considered at Prep | Potential Points | Completed at Wrap | Points Earned | Provide a brief explanation. If answered "No" describe the challenges. <u>Include Vendor(s) used.</u> |
| Did you set goals and distribute sustainability memos that communicate your sustainability objectives to cast and crew? | 2 | Yes | 2 | Choose One | 0 | ● ● |
| Have writers incorporated dialogue or action that portrays or advocates for environmental responsibility? IF Yes , briefly describe the storyline and include scene or episode number(s) if applicable. | 5 | No | 0 | Choose One | 0 | ● ● |
| Did you participate in a community give back project? (e.g. in person or virtual volunteerism, tree planting, food drive) IF Yes , please explain. Does not include catering food donations or set material donations. | 3 | Yes | 3 | Choose One | 0 | ● |
| Did your colored copy paper contain at least 30% recycled content? | 1 | Yes | 1 | Choose One | 0 | ● ● |

PEACH: Wrap

Wrap:

1. Revisit PEACH and complete the “Wrap” column by having each Department Head respond “Yes” or “No” to the same questions and see what was implemented
2. Include any comments relating to vendors or other notes

| CATERING | | | | | | |
|---|-----------|-----|---------------------------|-----|-----------|---|
| | | | Answered by (Name/Title): | | | |
| Were reusable dishes, cups, mugs, silverware & table cloths used? Include the name of your catering vendor. | 1 | Yes | 1 | Yes | 1 | Sample Catering Vendor |
| Did you eliminate #6 polystyrene plastic products (aka Styrofoam)? | 1 | Yes | 1 | Yes | 1 | |
| Did you feature vegetarian or vegan entree options? | 2 | Yes | 2 | Yes | 2 | |
| Did you implement a plan to reduce red meat and/or participate regularly in a completely vegetarian day (e.g. Meatless Mondays)? If Yes , please explain. | 5 | No | 0 | Yes | 5 | Sample Meatless Monday explanation |
| Was “Red List” seafood avoided? For guidance in North America, visit seafoodwatch.org or visit www.GoodFishGuide.org . | 2 | No | 0 | No | 0 | |
| Was leftover food donated to local food banks and/or charities? If Yes , provide names of recipients. | 5 | Yes | 5 | Yes | 5 | Yes, we donated food to sample nonprofit name |
| Was food that cannot be donated composted? If Yes , provide name of waste vendor. | 2 | No | 0 | No | 0 | Sample Waste Vendor |
| Did you implement additional green practices? If Yes, please explain. | | Yes | | Yes | | |
| Total | 18 | | 9 | | 14 | |

PEACH: FINAL DASHBOARD



PEAR

- **Overview:** Environmental accounting is an essential component of green production efforts. The PEAR is a carbon calculator that will be used to help your production track emissions related to utilities, transportation and travel. It will also track waste, donations and other environmentally impactful purchases, such as water and paper.
- **Data Collection:** Information needed to complete this report can be obtained with help from your Accounting Department, Departments Heads or directly from vendors. When submitting your final report, also submit the sources of the data used to complete the PEAR, including fuel receipts, utility bills, etc. Ask your payroll company if they have an existing template/module to provide carbon footprint reports. These will be used to verify the data submitted.
- **Carbon Footprint:** When you have completed the PEAR, your carbon emissions will be calculated based on the data entered, and a fully completed emissions report will be generated, as seen in the sample report on page 25.

INTRO & CHECKLIST TAB

The first tab acts as a table of contents. As you begin filling out the PEAR, this page will show the status of the data input (i.e., data entered correctly or data input error).

| Status | Calculator Tab | Description |
|------------------------|---|--|
| Data Entered Correctly | 1-Production Information | Calculator contact information & general production information including production name, headquarters location & schedule. Production location information (e.g., production offices, warehouses, stages) used for utility electricity, natural gas & heating oil tracking |
| Data Entered Correctly | 2-Electricity | Total electricity used for all locations entered in Production Info |
| Data Entered Correctly | 3-Natural Gas & Heating | Total natural gas and/or heating oil used for all locations entered in Production Info, if appropriate |
| Data Entered Correctly | 4-Fuel | Fuel used for equipment (e.g., generators) and vehicles |

When the PEAR is complete, the status will be switched to “Data Entered Correctly,” as shown on the left.

The items in the “Calculator Tab” column are hyperlinked to their respective tab and will directly take you that tab.

| | | |
|------------------|---|---|
| Data Input Error | 5-Hotels & Housing | Number of days and location of hotels, houses and condos rented during the production |
| Data Not Entered | 6-Commercial Air Travel | Passenger miles and routes (if applicable) traveled on commercial airlines |

If the data status appears as “Data Input Error,” you will need to go back into that tab and fix the error.

Tab 1: Production Info

Production Information: Enter production information as requested in the spreadsheet. Be sure to enter the number of episodes (TV) or shoot days (feature films) to help determine your carbon footprint per episode or shoot day.

| Sample PEAR Production Information | | | | | |
|------------------------------------|-----------------------|-----------------------------|----------|--------------------------|---------------|
| Production Type: | TV Production | | | | |
| Production Name: | Sample PEAR | Start Date: | 10/10/19 | End Date: | 2/13/20 |
| Type of TV Production: | 1 Hour scripted drama | Number Episodes: | 8 | Region: | West Coast US |
| Main Production Office Location: | USA | Number of Days for Prep: | 30 | Number of Days for Wrap: | 10 |
| Headquarter State/Province: | CA | Number of On Location Days: | 20 | Number of Stage Days: | 40 |
| | | Total Number of Shoot Days: | 60 | | |

Tab 1: Production Info (continued)

Enter all locations including production offices, stages and location shoots. For each location, input the following information:

1. Enter name of location
2. Select location type from the drop-down list (stage, location, production office)
3. Select country and state/province from a drop-down list
4. Enter any additional location information (i.e., address, city, postal code)

*It's important to enter each location used, as the information is used to complete the Electricity & Natural Gas and Heating Oil tabs.

| Locations | | | | | |
|--------------------------|---------------|---------|----------------|--------------------|-------------------------------|
| Location Name | Location Type | Country | State/Province | Address (optional) | City & Postal Code (optional) |
| Stage Sample | Stage(s) | USA | CA | X Street | Los Angeles, 90026 |
| Sample Location | On Location | USA | CA | X Street | Los Angeles, 90026 |
| Sample Production Office | Office | USA | CA | X Street | Los Angeles, 90026 |

Tab 2: Electricity

Data Source: Electricity Invoices, Payroll Company

1. Answer the 3 questions about power usage from dropdown list (highlighted below)
2. Enter any additional comments, strategies or challenges related to electricity.
3. Use dropdown list to select location(s) that were entered on the Production Info Tab
4. Choose ONE option to input electricity usage for each location:
 - Preferred Option: Enter actual electricity use (kWh)
 - Second Option: Enter total square feet and number of days used
 - Third Option: Enter cost of electricity in US\$ and cost data source

| Sample PEAR Purchased Electricity | | | | | | | | | |
|---|----------------------|--|---|--------------------------------------|-------------|--------------|----------------------------------|------------------|------------------|
| Did You Purchase Renewable Energy or RECs? | no | Comments Our lighting package was 70% LED. | | | | | | | |
| Did you use power drops? | no | | | | | | | | |
| How much energy was powered from power drops? | | | | | | | | | |
| Copy Facility Information to Nat Gas tab | | | | | | | | | |
| Locations entered in Production Info tab | | | Enter information only for ONE option for each location | | | | | | |
| Location Name | From Date (optional) | End Date (optional) | PREFERRED OPTION | Second Option | | Third Option | | Option Selected | |
| | | | Electricity Use (kWh) | Total Area (e.g., Total Square Feet) | Units | Days Used | Total Cost of Electricity (US\$) | | Cost Data Source |
| Stage Sample | | | 145,639 | | | | | Preferred Option | |
| Sample Location | | | 6,000 | | | | | Preferred Option | |
| Sample Production Office | | | 50,569 | | | | | Preferred Option | |
| Stage Sample | | | | 26,000 | square feet | 30 | | 2nd Option | |
| Sample Production Office | | | | 10,000 | square feet | 90 | | 2nd Option | |
| Sample Location | | | | | | | \$1,000 | invoice | 3rd Option |
| Sample Location | | | | | | | \$500 | invoice | 3rd Option |

Tab 3: Natural Gas and Heating Oil

Data Source: Utility Invoices, Payroll Company

1. Enter additional comments, strategies or challenges related to natural gas and heating oil.
2. Use drop-down list to select locations you entered on the Production Info Tab.
3. Use dropdown list to select fuel type (i.e., fuel oil, natural gas)
4. Choose ONE OPTION to input natural gas and fuel oil:
 - Preferred Option: Enter amount of fuel
 - Second Option: Enter area of space and number of days used
 - Third Option: Enter cost of fuel

| Sample PEAR Natural Gas & Fuel Oil | | | | | | | | | | | |
|--|----------------------|---------------------|-------------|---|----------------|---------------|-------------|-----------|---------------------------|------------------|------------------|
| Comments | | | | | | | | | | | |
| Locations entered in Production Info tab | | | | Enter information only for ONE option for each location | | | | | | | |
| Location Name | From Date (optional) | End Date (optional) | Fuel Type | PREFERRED OPTION | | Second Option | | | Third Option | | Option Selected |
| | | | | Fuel Use Amount | Fuel Use Units | Area | Units | Days Used | Total Cost of Fuel (US\$) | Cost Data Source | |
| Stage Sample | | | Natural Gas | 4,568 | Btu | | | | | | Preferred Option |
| Sample Production Office | | | Natural Gas | 2,654 | Btu | | | | | | Preferred Option |
| Stage Sample | | | Natural Gas | | | 26000 | square feet | 30 | | | 2nd Option |
| Sample Production Office | | | Natural Gas | | | 10000 | square feet | 90 | | | 2nd Option |
| Sample Location | | | Natural Gas | | | | | | \$750.00 | invoice | 3rd Option |
| Sample Location | | | Natural Gas | | | | | | \$550.00 | rent | 3rd Option |

Tab 4: Fuel

Data Source: Request from Fuel Vendor, Fuel Receipts, Payroll Company

1. Answer the questions about hybrid vehicles and idling policy
2. Enter additional comments, strategies or challenges related to fuel
 - Example = We used electric vehicles to transport talent and purchased biodiesel when available.
3. Use dropdown list to select equipment type (i.e., cars, generators, trucks, etc.)

4. Use dropdown list to select fuel type (i.e. gasoline, diesel, B20, propane)
5. Choose ONE OPTION to record fuel use for each equipment type:
 - Preferred Option: Enter amount of fuel
 - Second Option: Enter cost of fuel
 - Third Option: Enter miles driven

| Sample PEAR Fuel | | | | | | | | | | | |
|--|----------------------|---------------------|---------------------------|---|---|----------------|---------------------------|-------------------------|-------------------------|------------------|--|
| How many hybrid vehicles did you use? | | 12 | | Comments | | | | | | | |
| Did you enforce the "No-Idling" policy on your set? | | yes | | We used electric vehicle to transport talent. We used biodiesel when available. | | | | | | | |
| Select equipment and fuel type. Dates and reason for use are optional. | | | | | Enter all information for ONE option for each equipment and fuel type combination | | | | | | |
| Equipment Type | From Date (optional) | End Date (optional) | Reason for Use (Optional) | Fuel Type | PREFERRED OPTION | | Second Option | | Third Option | Option Selected | |
| | | | | | Fuel Use Amount | Fuel Use Units | Total Cost of Fuel (US\$) | Average US\$ per gallon | Miles Driven (Vehicles) | | |
| All Vehicles | | | | Gasoline | 40563 | gallons | | | | Preferred Option | |
| Generator | | | | Diesel Fuel | 25678 | gallons | | | | Preferred Option | |
| Generator | | | | B20 | 1056 | gallons | | | | Preferred Option | |
| Cooking Equipment | | | | Propane | 320 | liters | | | | Preferred Option | |
| Vans, Pickups, SUVs | | | | Gasoline | | | \$ 5,468.00 | \$3.80 | | 2nd Option | |
| Other | | | | Diesel Fuel | | | \$ 3,698.00 | \$3.08 | | 2nd Option | |
| Vans, Pickups, SUVs | | | | Gasoline | | | | | 12,685 | 3rd Option | |
| Hybrid SUVs | | | | Gasoline | 2568 | gallons | | | | Preferred Option | |
| Hybrid Cars | | | | Gasoline | 1532 | gallons | | | | Preferred Option | |

Tab 5: Hotels/Housing

Data Source: Hotel Receipts, Payroll Company

1. Use the drop-down to answer the question about hotel choice
2. Enter additional comments, strategies or challenges related to hotels and housing
3. Use dropdown list to select room type (i.e., midscale, luxury, house/condo)
4. Choose a city and country from the dropdown list
5. Choose a state/province from the dropdown list
6. Choose ONE option to record number of nights stayed at the hotel:
 - Option 1: Enter the number of rooms rented at the hotel and the number of nights
 - Option 2: Enter the total number of nights in the hotel

| Sample PEAR Hotels & Housing | | | | | | |
|---|-----------------|---------|----------------|-----------------------------------|------------------|------------------------|
| Did you choose a hotel because it is considered "green"? | no | | Comments | | | |
| Select the room type and location (city is optional). Enter the number of rooms (for hotels only) and number of nights stayed at the hotel or house. (Option 1) | | | | | | |
| Or enter the total number of nights (Option 2) | | | | Option 1 | | Option 2 |
| Room Type | City (Optional) | Country | State/Province | Number of Rooms (for hotels only) | Number of Nights | Total Number of Nights |
| Apartment/Condo | | USA | CA | 50 | 20 | |
| Midscale Hotel | | USA | CA | | | 3600 |
| Economy Hotel | | USA | CA | | | 2000 |

Tab 6: Commercial Air

Data Source: Travel Agency, Payroll Company

1. Enter additional comments, strategies or challenges related to commercial air travel
 - Example: We avoided any unnecessary air travel by video conferencing.
2. Enter departure and arrival airport code (optional)

3. Choose ONE OPTION to record air travel:

- Preferred Option: Enter number of trips on route, one-way flight distance and flight distance units
- Second Option: Enter total number commercial flight distance and flight distance units

*Tip: Use [Webflyer Mileage Calculator](#) to find flight distance

| Sample PEAR Commercial Air Travel | | | | | | |
|--|--------------------------------------|---|-------------------------|-----------------------|----------------------------------|-----------------------|
| Comments | | | | | | |
| We avoided unnecessary air travel by video conferencing. | | | | | | |
| Enter the information for ONE option for air travel. Departure and arrival locations are optional. | | | | | | |
| PREFERRED OPTION | | | | | Second Option | |
| Departure Airport Code/City (if known) | Arrival Airport Code/City (if known) | # of Trips on this Route (Total the number of individual one-way trips for all people. Round-trip = 2 trips) | One Way Flight Distance | Flight Distance Units | Total Commerical Flight Distance | Flight Distance Units |
| SAM | PLE | 45 | 2687 | land miles | | |
| SAM | PLE | 120 | 1586 | land miles | | |
| SAM | PLE | 90 | 654 | land miles | | |
| SAM | PLE | 65 | 128 | land miles | | |
| | | | | | 20,154 | land miles |

Tab 7: Charter and Heli Flights

Data Source: Charter and Helicopter Invoices, Payroll Company

1. Enter additional comments, strategies or challenges related to charter and helicopter flights
2. Enter plane type from dropdown list (i.e., small private jet, chartered commercial jet)
3. Choose ONE option to record flight info for each plane type:
 - Preferred Option: Enter amount of fuel
 - Second Option: Enter hours flown
 - Third Option: Enter distance flown

| Sample PEAR Charter & Helicopter Flights | | | | | | |
|--|---------------------|--------------------------------------|----------------|-------------------|----------------------|--------------|
| <u>Comments</u> | | | | | | |
| Select the plane type. Model type is optional. | | Enter all information for ONE option | | | | |
| Plane Type | Model (if known) | PREFERRED OPTION | | Second Option | Third Option | |
| | | Fuel Use Amount | Fuel Use Units | Total Hours Flown | Total Distance Flown | Flight Units |
| Small Private Jet | | | | | 5,625 | land miles |
| Helicopter | | | | 7 | | |
| Chartered Commercial Jet | | 10,000 | gallons | | | |

Tab 7: EAR Metrics - Waste

Data Source: Waste Hauler, Payroll Company

1. Choose ONE OPTION to record waste data for each waste type and disposal method:
 - Preferred Option (Weight): Enter waste weight and units
 - Second Option (Volume): Enter # of containers, size, and units
 - Third Option (Cost): Enter cost of waste hauling

| Waste | | | | | | |
|-----------------------------------|--------------------------|-------|-----------------------|------|-------|--------------|
| Waste Type & Disposal | PREFERRED OPTION: Weight | | Second Option: Volume | | | Third Option |
| | Waste Weight | Units | Number of containers | Size | Units | Cost (\$) |
| Waste to Landfill | 12000 | lbs | | | | |
| Construction Material to Landfill | 9000 | lbs | | | | |
| Polystyrene Foam to Landfill | | | | | | |
| Mixed Recycled | 20000 | lbs | | | | |
| Metal Recycling | 6000 | lbs | | | | |
| Recycled Construction Material | | | | | | |
| Other Recycled | | | | | | |
| Compost | 1598 | lbs | | | | |

Tab 7: EAR Metrics - Drinking Water

Data Source: Catering, Craft Service, Payroll Company

1. Enter quantity and total cost of 0.5L plastic water bottles (not cases)
2. Enter quantity and total cost of 5-gallon jugs
3. Enter quantity and total cost of reusable water bottle

| Drinking Water | | | |
|--|--------|-----------------|----------|
| Drinking Water Container | Number | Total Cost (\$) | Comments |
| 0.5L Plastic water bottles (not cases) | 1,192 | \$ 1,558.00 | |
| 5 gallon jugs | 260 | \$ 2,300.00 | |
| Reusable bottles | 200 | \$ 1,000.00 | |

Tab 7: EAR Metrics - Fossil Fuel

Data Source: Request from Fuel Vendor, Fuel Receipts, Payroll Company

1. Do **NOT** enter hybrid vehicle and biodiesel data; it will be calculated and carried over from the fuel tab
2. Record data in Other Fuel Savings Section:
3. Electric cars: Enter amount saved, units and fuel type
 - Solar: Enter amount saved, units and fuel type
 - Electric grid tie in: Enter amount saved, units and fuel type
 - Other: Enter amount saved, units and fuel type

| Fossil Fuel (Gasoline & Diesel) Savings | | | | | | |
|---|---|------------------------|----------------|---|----------------------------------|-------------------------|
| Hybrid Vehicles | Fuel Use obtained from "Fuel Tab" (Gal) | PREFERRED OPTION | | Second Option | Third Option | |
| | | Hybrid Fuel Use Amount | Fuel Use Units | Hybrid Distance Driven (miles) | Total Cost of Hybrid Fuel (US\$) | Average US\$ per gallon |
| Hybrid SUVs | 2,568.0 | | | | | |
| Hybrid Cars | 1,532.0 | | | | | |
| Other Fuel Savings | Amount Saved | Units | Fuel Type | | Biodiesel | Amount Used (gal) |
| Electric Cars | 500 | gallons | Gasoline | Biodiesel values obtained from the "Fuel" tab | Biodiesel (B100) | - |
| Solar | | | | | B99 | - |
| Electric grid tie in | | | | | B40 | - |
| Other | | | | | B20 | 1,056.0 |
| Other fuel description: | | | | | B5 | - |

Tab 7: EAR Metrics - Donation Data

Data Source: Catering, Food Recovery Organization, Donation Receipt from Nonprofit

1. Enter Donation Data: Include number, units and value (US\$) for the following types:
 - Food – Data Source: Food Recovery Organization
 - Set Dressing/Props – Data Source: Set Decoration and Property Department
 - Wardrobe – Data Source: Costume Department
 - Construction Material – Data Source: Construction Department
 - Other

| Donations | | | | |
|-----------------------|--------|-------|------------|----------|
| Type of Donation | Number | Units | Value (\$) | Comments |
| Food | 1,000 | lbs | \$ 5,000 | |
| Set dressing/props | 500 | lbs | \$ 1,500 | |
| Wardrobe | 250 | lbs | \$ 6,000 | |
| Construction Material | 100 | lbs | \$ 1,000 | |
| Other | | | | |

Tab 7: EAR Metrics - Recycled Paper Content

Data Source: Office Supply Vendor, Receipts, Payroll Company

1. Recycled Paper Content Data:
 - Data Source: Receipts, bills and/or accounting team
 - Enter the quantity of reams purchased for each percent of recycled paper content

| Recycled Paper Content | | |
|--------------------------|-----------------|--|
| Percent Recycled Content | Number of Reams | |
| 0% | - | <i>Enter the number of Reams used of the associated percent recycled content paper</i> |
| 30% | 20 | |
| 50% | - | |
| 70% | 30 | |
| 100% | 100 | |

Tab 7: EAR Metrics - Lauan/Meranti Plywood

Data Source: Lumber Vendor, Receipts from Construction Department, Payroll Company

1. Choose ONE OPTION to record lauan/meranti plywood:
 - Preferred Option: Enter number of sheets and dimensions
 - Second Option: Enter total board feet used

| Lauan / Meranti Plywood | | | | | | |
|------------------------------|---|---------------|--------------|--------------------|--------------------|-------------|
| Lauan / Meranti Plywood Type | Option 1: Number of Sheets & Dimensions | | | | Option 2: Total BF | Description |
| | Number of Sheets | Length (feet) | Width (feet) | Thickness (inches) | Total board feet | |
| Lauan/Meranti- non certified | 1500 | 8 | 4 | 0.25 | | N/A |
| Lauan/Meranti - FSC | 2545 | 8 | 4 | 0.25 | | N/A |
| Lauan Alternative | 20 | 8 | 4 | 0.25 | | |

PEAR SAMPLE REPORTS

Environmental Accounting Report

Carbon Footprint Summary

Sample PEAR

Total CO₂ Emissions **1,005** Metric tons

West Coast US
1 Hour scripted

CO₂ Emissions by Source (Metric Tons)

| Source | CO ₂ Emissions (Metric Tons) |
|--------------|---|
| Utilities | 73 |
| Fuel | 697 |
| Air | 189 |
| Housing | 46 |
| Total | 1,005 |

CO₂ Emissions per Episode

125.7

Annual Energy Use from **52** homes

Annual Emissions **209** vehicles

Trees grown for **25,780**

Gallons of Gasoline **112,700**

Source Percent Contribution

| Source | Percent Contribution |
|-----------|----------------------|
| Fuel | 69% |
| Air | 19% |
| Utilities | 5% |
| Housing | 7% |

Environmental Accounting Report

Sample PEAR

Additional measures or challenges:
Enter comments on the EAR Metrics page. More comments

Waste Diversion

Diversion Rate: 57%

COMMENTS

Recycled Paper Content

150 Total Reams of Paper Used

8 Trees Saved

COMMENTS

Water Bottle Usage

1,192 Water bottles used

10,400 Water bottles avoided

\$10,293 Reduced water bottle use cost savings

COMMENTS

Donations

Your production donated \$13,500 worth of materials

769 meals

Set dressing/props: 500 lbs

Wardrobe: 250 lbs

Construction Material: 100 lbs

COMMENTS

PLUM

Overview: The PLUM (Production Lumber Material) worksheet tracks your plywood usage, primarily focusing on Lauan/Meranti, ensuring it is responsibly sourced. Work with your Construction Department to ensure they're tracking.

Plywood Definitions:

- Lauan/Meranti – Non-Certified: Lauan or Meranti that is not FSC-certified
- Lauan/Meranti – FSC: Lauan or Meranti that is FSC-certified
 - Look for a sticker on the panel to verify the certification
 - Just because the mill, wholesaler or retailer is FSC-certified (to Chain of Custody or COC), it doesn't necessarily mean the plywood they carry is coming from certified forests
 - Company certification ensure a sustainable chain of custody, but first and foremost, look for actual product (lauan/meranti plywood) certification
- Lauan Alternative – RevolutionPly: A specific alternative to non-FSC Lauan
- Lauan Alternative Other: Any other plywood used for set walls other than Lauan/Meranti or RevolutionPly

PLUM

Reuse Questions

Answer the following questions:

Reuse Questions

1. Did you incorporate any previously used set walls into your sets?

No



2. Estimate the number of repurposed walls:

0

PLUM

List plywood purchases in the table, including the following information starting on row 31

1. List plywood purchases in the table including the following information starting on **row 31**
2. Include: Product name, # of sheets, dimensions, factory of origin, certification, direct supplier name, cost, supplier location

| Type of Plywood (choose one below) | Product Detail/Name | Number of Sheets | Width (feet) | Length (feet) | Thickness (inches) | Provide factory of origin | Certification (choose one) | Direct Supplier Name | Cost/Sheet | Supplier Location |
|------------------------------------|---------------------|------------------|--------------|---------------|--------------------|---------------------------|----------------------------|----------------------|------------|-------------------|
| Lauan/Meranti – FSC | primed lauan | 115 | 4 | 8 | 1/4 | Kayu Lapis | FSC | Supplier I | \$ 27.00 | Los Angeles, CA |
| Lauan Alternative – Other | birch | 48 | 4 | 10 | 3/4 | | Non-certified | Supplier II | \$ 20.00 | Atlanta, GA |
| Lauan/Meranti – FSC | Raw Luan | 115 | 4 | 8 | 1/4 | Kayu Lapis | FSC | LeNoble Lumber | \$ 24.00 | LIC NY |
| Lauan/Meranti – FSC | Raw Luan | 394 | 4 | 10 | 1/4 | Kayu Lapis | FSC | LeNoble Lumber | \$ 34.00 | LIC NY |
| Lauan/Meranti – FSC | primed lauan | 152 | 4 | 10 | 1/4 | Kayu Lapis | FSC | LeNoble Lumber | \$ 48.00 | LIC NY |