2021 Highlights

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BUCKEYE PARTNERS, L.P.

ENVIRONMENT — SOCIAL — GOVERNANCE

BUCKEYE PARTNERS

Our People

Our Values:

Take responsibility for personal safety and the safety of others and accept as a condition of employment safe work performance, safe behavior, and compliance with health and safety rules.

Commit to improving our compliance culture and take responsibility for seeing that our policies, procedures, and programs are followed, thereby ensuring full regulatory compliance.

Have **"Safety First"** be a personal objective and not just a corporate slogan. We ask our employees to commit to our goal of **"ZERO INCIDENTS."**

Recognize that no job is so urgent that it requires compromising our health and safety values and agree to immediately stop any operation or task that is unsafe or creates a potential environmental risk.

Uphold management's commitment to providing the necessary resources and support for the company's health and safety and compliance culture initiatives.

Our Strategic Objectives

OUR STRATEGIC OBJECTIVES:

Safe, Reliable Operations

Diversify Portfolio of Assets

BUCKEYE PARTNERS

Execute on Existing Base Business

Commitment to Our People and Our Culture

GUIDING PRINCIPLES

Governance and Transparency Buckeye promotes the highest standards of corporate governance by ensuring we have responsible policies, processes, procedures, and guidelines, including a forward-leaning management system, to foster and reinforce business practices that adequately manage all material risks and are consistently sound, highly principled, and transparent.

Workforce Empowerment Buckeye strives to employ a diverse and inclusive workforce. We will maintain a supportive and developmental work environment to foster the growth of our existing employees and to prepare the next generation of Buckeye leaders.

Health and Safety At Buckeye, health and safety are fundamental core values to our business. We are focused on integrating industry-leading programs and processes to prevent and mitigate incidents and ensure the health and wellness of our employees, contractors, and the communities in which we operate.

Environmental Stewardship Buckeye will continually strive to minimize the environmental and climate-related risks associated with our operations consistent with industry best practices. We will identify and implement reasonable energy, water, and waste conservation practices and materials innovation to reduce our impact on the environment. We commit to reducing greenhouse gas emissions, limiting air pollution, and managing hazardous substances that could be harmful to local populations. Furthermore, Buckeye will also promote actions that protect local habitats and the biodiversity of the regions in which we have an impact.
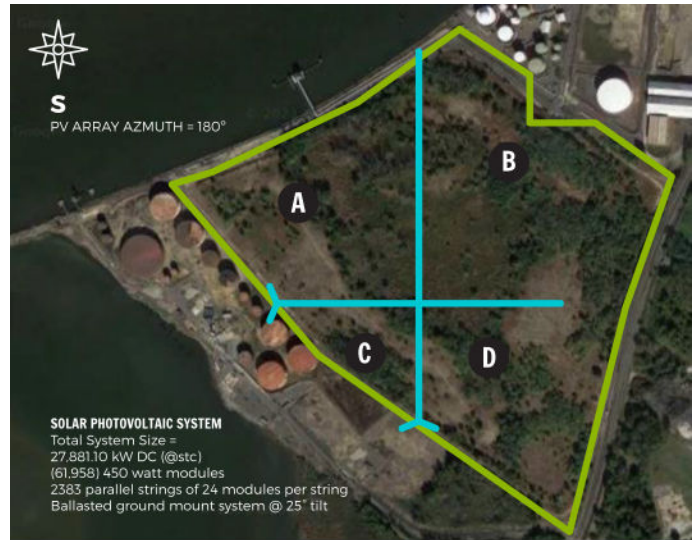
Economic and Social Development Buckeye closely monitors our operations across the communities in which we operate and works to develop and maintain positive relationships aimed at creating sustained stakeholder value. In collaboration with our community partners, we identify opportunities where our efforts or contributions can have a meaningful local impact.

Environment

Advancing Solar and New Energy Ventures

Buckeye is committed to expanding solar initiatives through both organic growth and investment of new solar projects. We are actively developing eight solar projects with approximately 570 MW of solar power across Pennsylvania, New Jersey, New York, Texas, and the Bahamas. These projects are expected to generate over 1 terawatt of renewable power, which is enough to provide power to approximately 100,000 households annually.

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PV ARRAY AZMUTH = 180°

SOLAR PHOTOVOLTAIC SYSTEM
Total System Size =
27.881.10 kW DC (@stc)
(61.958) 450 watt modules
2383 parallel strings of 24 modules per string
Ballasted ground mount system @ 25° tilt

SUB-ARRAY	A	B	C	D	TOTAL
# OF PV MODULES	16,510	22,308	5,486	17,524	6,958
# OF kW @ 450	7,254.00	10,038.60	12,488.70	7,885.80	27,681.10

Variable Frequency Drives

Reduced potential energy consumption by 30,903,484.75 kWh annually, or the equivalent benefits of:

Reducing CO2 Emissions
22,998.90 metric tons
annually

Powering
3,447.03 homes
annually

Carbon Sequestered in
27,089.35 acres
of US Forests annually

Drag Reducing Agent

Drag Reducing Agent skids installed at points in the pipeline system reduce potential electric consumption by ~82,604,610 kWh annually or the equivalent benefits of:

Carbon sequestered in
72,409.50 acres
of US Forests annually

Reducing CO2 emissions
61,475.47 metric tons
annually

Powering
9,213.87 homes
annually

Waste Minimization

Buckeye works to reduce waste generated and limit waste to landfills in an effort to conserve resources. We believe that "Every Little Bit Counts," and that is reflected through our approach to waste management. We continue to monitor effective ways to reduce our waste throughout our operation.

Since January 2020, 268 locations have recycled 45,978 ton(s) of recyclable materials.

These recycling efforts conserved the following resources:

2,349 Mature Trees were Saved
Representing enough saved timber resources to produce **29.11M** sheets of newspaper!

1,282 Cubic Yards of Landfill Airspace
Representing enough airspace to fulfill the disposal needs for **1.65k** people for one year!

82,298,042 Kw-Hrs of Electricity
Enough power to fulfill the annual electricity needs of **6.86k** homes!

Avoided 27,113 Metric Tons (M2CO2E) of GHG Emissions
Your recycling has prevented these emissions!

1,393,117 Gallons of Water
Representing enough fresh water to meet the needs of **18.6k** people!
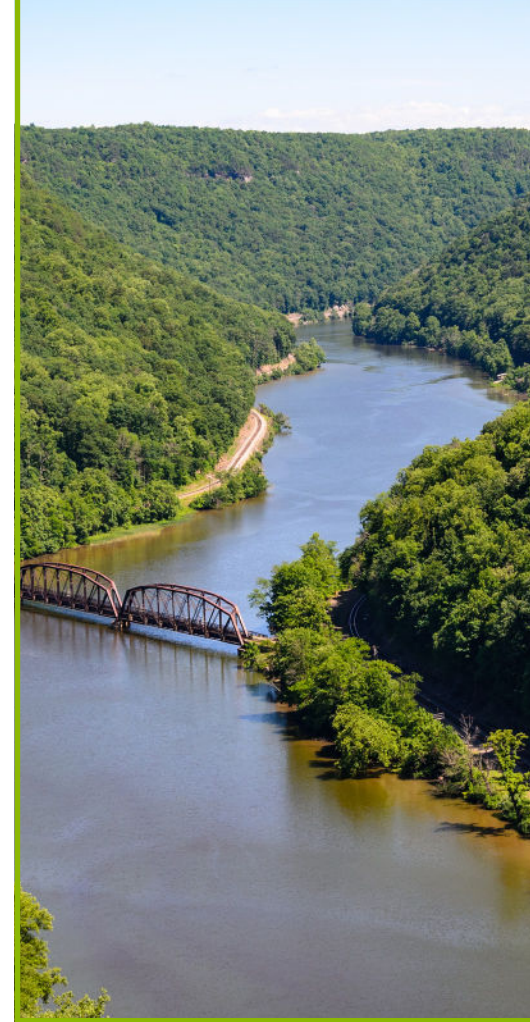
Vapor Recovery Units

In 2020, the use of VRUs for gasoline truck loading across Buckeye's enterprise saved roughly 108,174 tons of CO_2 emissions.

Damage Prevention

Design Encroachment Reviews: Buckeye conducted 442 encroachment control reviews in 2020.

Aerial Patrol: The Aerial Patrol Program inspected 267,346 miles of pipeline right of way and reported 3,178 potential encroachments or adverse ground conditions for subsequent Field Operations response and resolution.

Vegetation Management: In 2020, the Right-of-Way Vegetation Management Program was applied to 613 miles of pipeline right-of-way.

Spills	2018	2019	2020	SASB Code	GRI Code	EIC Reported
Number of hydrocarbon spills	30	38	27	EM-MD-160a.4	306-3	N/A
Aggregate volume of hydrocarbon spills	2,207 barrels	1,173 barrels	215 barrels	EM-MD-160a.4	306-3	N/A
Volume of spills recovered	2,008 barrels	438 barrels	144 barrels	EM-MD-160a.4	306-3	N/A

Social
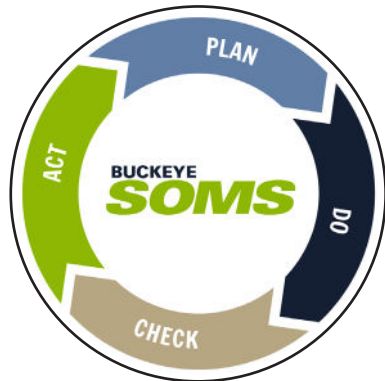
Safety and Operations Management System (SOMS) :

Our Safety and Operations Management System (SOMS) provides a structured and integrated framework to manage risk across the business. It allows us to achieve our business objectives without harming people, property, the environment, our customers' products, or the company's reputation. This system allows for two-way communication, ensures we are operating effectively and safely, certifies we are qualified and trained, and emphasizes employee engagement. The ten elements of the SOMS Framework, shown in the outer ring of the figure below, reinforce our values and Business Operating Model. The Plan-Do-Check-Act cycle is at the center of our management system. Using this iterative process, we continuously improve both our overall performance and our compliance processes throughout the asset life cycle.

Health and Safety	2019	2020	2021	SASB Code	GRI Code	EIC Reported
Workhours[1]						
Hours worked - Employees	3,417,817	4,165,635	3,840,441	N/A	N/A	N/A
Hours worked - Contractors	8,200,000	9,964,390	8,941,093	N/A	N/A	N/A
Safety Incidents						
Fatalities - Employees	0	0	0	EM-EP-320a.1	403-9	3.7
Fatalities - Contractors	0	0	0	EM-EP-320a.1	403-9	3.8
Employee total recordable incident rate (TRIR)[2]	0.41	0.43	0.26	EM-EP-320a.1	403-9	3.1
Contractor total recordable incident rate (TRIR)[3]	0.40	0.26	0.20	EM-EP-320a.1	403-9	3.2
Employee lost time incident rate (LTIR)[4]	0.23	0.24	0.10	EM-EP-320a.1	403-9	3.5
Contractor lost time incident rate (LTIR)[5]	0.05	0.04	0.02	EM-EP-320a.1	403-9	3.6
Operational Safety and Emergency Preparedness						
Number of reportable pipeline incidents	15	8	9	EM-MD-540a.1	403-9	N/A
Percentage significant[6]	40%	50%	56%	EM-MD-540a.1	403-9	N/A
Percentage of (1) natural gas and (2) hazardous liquid pipelines inspected	14%	24%	26%	EM-MD-540a.2	403-9	N/A
Number of (1) accident releases and (2) Non-accident releases (NARs) from rail transportation	4	2	4	EM-MD-540a.3	N/A	N/A

1 Contractor hours worked estimated per API guidance [Total Contractor Spend / $80 = Hours Worked]
2 # of OSHA defined incidents × 200,000 / Total Employee Labor Hours
3 # of OSHA defined incidents × 200,000 / Total Contractor Labor Hours
6 Significant as defined by PHMSA
Employee and Contractor TRIR and LTIR based on US Occupational Health and Safety Administration's (OSHA) criteria

Diversity, Equity, and Inclusion

Fostering Diversity

Buckeye is committed to cultivating a diverse and inclusive workplace. Our organization encourages and practices transparent communication and different points of view. We are committed to enhancing the diversity of our workforce at every level of our organization and support this through our policies, practices, and systems.

Our actions to support our diversity and inclusion commitment are focused on four key areas:

| Governance and Management

| Compliance and Foundational Activities

| Metrics, Evaluation and Accountability

| Change Management and Communication

Buckeye's talent acquisition strategy focuses on sourcing and recruiting qualified diverse candidates. Our talent acquisition team partners with various agencies and outreach organizations to support our recruitment efforts.

Buckeye conducts an ongoing review of its compensation and benefits plans. Our review of pay between gender, age, and race is conducted and any disparities are reviewed to ensure fair and equitable compensation practices across the organization.

We also have an employee-led Women's Group founded to provide opportunities for individuals to develop professional leadership skills as well as nurture personal and intellectual growth, which ultimately contributes to Buckeye's success.

|	Units	2019	2020	2021	SASB Code	GRI Code	EIC Reported
Workforce Diversity and Equal Opportunity*							
Percentage of female employees	Percentage (%)	15%	15%	15%	–	102-8, 405-1	3.10
Percentage of minority employees		18%	20%	20%	–	405-1	3.11
Percentage female in:							
Executives and Senior Officers (VP and Above)	Percentage (%)	9%	8%	17%	FN-IB-330a.1	405-1	4.2
First and Mid-Level Managers (Supervisor thru Director)	Percentage (%)	21%	21%	23%	FN-IB-330a.1	405-1	4.1
Professionals	Percentage (%)	13%	13%	13%	FN-IB-330a.1	405-1	–
Percentage minorities in:							
Executives and Senior Officers (VP and Above)	Percentage (%)	5%	4%	3%	FN-IB-330a.1	405-1	4.4
First and Mid-Level Managers	Percentage (%)	17%	20%	20%	FN-IB-330a.1	405-1	4.3
Professionals	Percentage (%)	16%	20%	20%	FN-IB-330a.1	405-1	–
Employees by Age Group							
Under Age 30	Percentage (%)	9%	8%	7%	FN-IB-330a.1	405-1	–
Age 30-50	Percentage (%)	54%	55%	58%	FN-IB-330a.1	405-1	–
Over Age 50	Percentage (%)	37%	37%	35%	FN-IB-330a.1	405-1	–

*Captured December of reported year

4 # of OSHA defined lost-time cases × 200,000 / Total Employee Labor Hours

5 # of OSHA defined lost-time cases × 200,000 / Total Contractor Labor Hours

Public Awareness Program

Buckeye engages with our communities through periodic in-person interactions and targeted mailings under its Public Awareness Program. The objective is to communicate the efforts our industry undertakes to help protect their safety, particularly as it relates to information about the transportation of petroleum products and natural gas.

Live Meetings
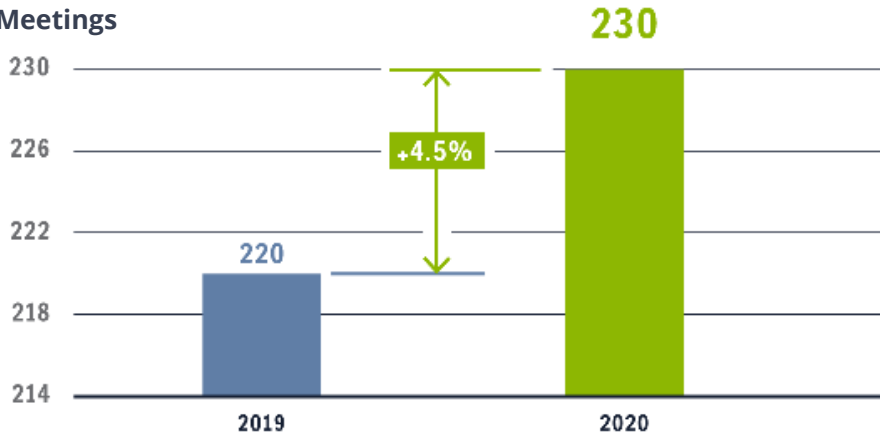
Mailing Program
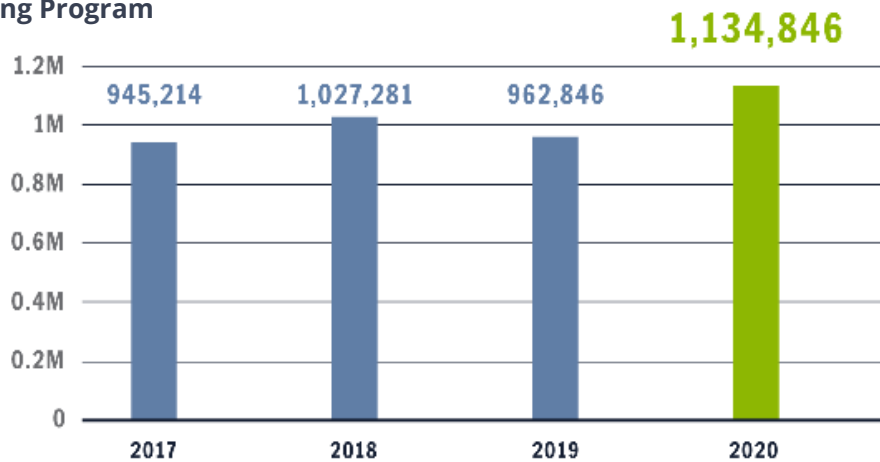
COVID -19 Assistance

Buckeye made more than **$1 million** in charitable contributions across the communities in which we operate to help local nonprofits provide long-term support and assist communities impacted by the COVID-19 pandemic.

Direct Contributions & Matching Gifts

| First Responders **$25,000**

| United Way $**548,500**

| Food Banks and Meal Programs **$170,400**

| Universities and Education **$116,500**

| Other **$400,000**

Governance

Buckeye is wholly owned by our shareholder, IFM. Buckeye's leadership team provides oversight for the overarching ESG strategy which aligns to IFM's goals, including compliance, business ethics, and professional conduct. Our Board of Directors brings their diverse perspectives and skill sets to provide thoughtful leadership.

Board of Directors*	2018	2019	2020	SASB Code	GRI Code	EIC Reported
Number of members of the Board of Directors	10	10	5	EM-EP-320a.1	102-18	N/A
Independent Board members *(# & % of board)*	9 *(90%)*	9 *(90%)*	2 *(40%)*	EM-EP-320a.1	N/A	4.6
Female members of the Board *(# & % of board)*	2 *(20%)*	2 *(20%)*	1 *(20%)*	FN-IB-330a.1	405-1	4.1
Minority members of the Board *(# & % of board)*	1 *(10%)*	1 *(10%)*	2 *(40%)*	FN-IB-330a.1	405-1	4.3

*Captured January of reported year

Cybersecurity

Buckeye staff provides training sessions to promote awareness and best practices within our user community. Employees are required to complete a cyber security awareness program annually, and phishing training is hosted each month.

Cybersecurity	2018	2019	2020	SASB Code	GRI Code	EIC Reported
Number of Breaches	0	0	0	N/A	N/A	N/A
Completed Training- employees (%)	N/A	98%	90%	N/A	N/A	N/A

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